## APPENDIX A. Provisions of Title 13, United States Code, Relating to the 1987 Census of Agriculture

#### TITLE 13, UNITED STATES CODE—CENSUS

#### CHAPTER 1. ADMINISTRATION

#### Subchapter I—General Provisions

#### Section 1. Definitions

As used in this title, unless the context requires another meaning or unless it is otherwise provided—

- (1) "Bureau" means the Bureau of the Census;
- (2) "Secretary" means the Secretary of Commerce; and
- (3) "respondent" includes a corporation, company, association, firm, partnership, proprietorship, society, joint stock company, individual, or other organization or entity which reported information, or on behalf of which information was reported, in response to a questionnaire, inquiry, or other request of the Bureau.

#### Section 2. Bureau of the Census

The Bureau is continued as an agency within, and under the jurisdiction of, the Department of Commerce.

## Section 5. Questionnaires; number, form, and scope of inquiries

The Secretary shall prepare questionnaires, and shall determine the inquiries, and the number, form, and subdivisions thereof, for the statistics, surveys, and censuses provided for in this title.

#### Section 6. Information from other Federal departments and agencies; acquisition of reports from other governmental and private sources

- (a) The Secretary, whenever he considers it advisable, may call upon any other department, agency, or establishment of the Federal Government, or of the government of the District of Columbia, for information pertinent to the work provided for in this title.
- (b) The Secretary may acquire, by purchase or otherwise, from States, counties, cities, or other units of government, or their instrumentalities, or from private persons and agencies, such copies of records, reports, and other material as may be required for the efficient and economical conduct of the censuses and surveys provided for in this title.

(c) To the maximum extent possible and consistent with the kind, timeliness, quality and scope of the statistics required, the Secretary shall acquire and use information available from any source referred to in subsection (a) or (b) of this section instead of conducting direct inquiries.

## Section 7. Printing; requisitions upon Public Printer; publication of bulletins and reports

The Secretary may make requisition upon the Public Printer for miscellaneous printing necessary to carry out the provisions of this title. He may further have printed by the Public Printer, in such editions as he deems necessary, preliminary and other census bulletins, and final reports of the results of the several investigations authorized by this title, and may publish and distribute such bulletins and reports.

## Section 8. Authenticated transcripts or copies of certain returns; other data; restrictions on use; disposition of fees received

- (b) Subject to the limitations contained in sections 6(c) and 9 of this title, the Secretary may furnish copies of tabulations and other statistical materials which do not disclose the information reported by, or on behalf of, any particular respondent, and may make special statistical compilations and surveys, for departments, agencies, and establishments of the Federal Government, the government of the District of Columbia, the government of any possession or area (including political subdivisions thereof) referred to in section 191 (a) of this title, State or local agencies, or other public and private persons and agencies, upon payment of the actual or estimated cost of such work. In the case of nonprofit agencies or organizations, the Secretary may engage in joint statistical projects, the purpose of which are otherwise authorized by law, but only if the cost of such projects are shared equitably, as determined by the Secretary.
- (c) In no case shall information furnished under this section be used to the detriment of any respondent or other person to whom such information relates, except in the prosecution of alleged violations of this title.
- (d) All moneys received in payment for work or services enumerated under this section shall be

deposited in a separate account which may be used to pay directly the costs of such work or services, to repay appropriations which initially bore all or part of such costs, or to refund excess sums when necessary.

#### Section 9. Information as confidential; exception

- (a) Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may, except as provided in section 8 of this title-
  - use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or
  - (2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or
  - (3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.

No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so retained shall be immune from legal process, and shall not, without the consent of the individual or establishment concerned, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceeding.

#### Section 12. Mechanical and electronic development

The Secretary is authorized to have conducted mechanical and electronic development work as he determines is needed to further the functions and duties of carrying out the purposes of this title and may enter into such developmental contracts as he may determine to be in the best interest of the Government.

#### Subchapter II—Officers and Employees

#### Section 21. Director of the Census; duties

The Bureau shall be headed by a Director of the Census, appointed by the President, by and with the advice and consent of the Senate. The Director shall perform such duties as may be imposed upon him by law, regulations, or orders of the Secretary.

#### Section 22. Qualifications of permanent personnel

All permanent officers and employees of the Bureau shall be citizens of the United States.

#### Section 23. Additional officers and employees

- (a) The Secretary may establish, at rates of compensation to be fixed by him without regard to the Classification Act of 1949, as many temporary positions as may be necessary to meet the requirements of the work provided for by law. Bureau employees who are transferred to any such temporary positions shall not lose their permanent civil service status by reason of the transfer. The Secretary may make appointments to such temporary positions in conformity with the civil service laws and rules.
- (b) In addition to employees of the Department of Commerce, employees of other departments and independent offices of the Government may, with the consent of the head of the respective department or office, be employed and compensated for field work in connection with the work provided for by law without regard to section 301 of the Dual Compensation Act.
- (c) The Secretary may utilize temporary staff, including employees of Federal, State, or local agencies or instrumentalities, and employees of private organizations to assist the Bureau in performing the work authorized by this title, but only if such temporary staff is sworn to observe the limitations imposed by section 9 of this title.

#### Section 24. Special employment provisions

- (a) The Secretary may utilize the services of nontemporary employees of the Bureau (by assignment, promotion, appointment, detail, or otherwise) in temporary positions established for any census, for not to exceed the period during which appropriations are available for that census. Whenever the Secretary determines that the services of an employee which have been utilized under this section are no longer required in such a temporary position, he may, without regard to the provisions of any other law, return the employee to a continuing position, with rank and compensation not less than that which he held in his last permanent position in the Bureau: Provided. That no employee shall, by reason of his service in a temporary position under this subsection, lose the protection of any law or regulation with respect to his separation, suspension, furlough, or reduction in rank or compensation below the level held in his last permanent position in the Bureau. Service by a nontemporary employee in a temporary position under this subsection shall be creditable for step increases (both periodic and longevity) under title VII of the Classification Act of 1949, as amended, as though it were a continuation of service in his last permanent position.
- (b) As used in this title with respect to appointments or positions, "temporary" shall be construed to

mean not in excess of one year, or not in excess of the specific period during which appropriations are available for the conduct of a particular census, whichever is longer. No employee of the Bureau who holds only a temporary appointment within the meaning of this section shall be considered as other than strictly temporary for purposes of any other provision of law relating to separations, suspensions, or reductions in rank or compensation.

- (d) The Secretary may fix compensation on a pieceprice basis without limitation as to the amount earned per diem, and payments may be made to enumerators for the use of private automobiles on official business without regard to section 4 of the Travel Expense Act of 1949, as amended (5 U.S.C. 837), but at rates not in excess of the rates provided by that Act.
- (e) The Secretary may authorize the expenditure of necessary sums for travel expenses of persons selected for appointment for attendance at training courses held by the Department of Commerce with respect to any of the work provided for by law.
- (f) Notwithstanding any other provision of law prohibiting the expenditure of public money for telephone service, the Secretary, under such regulations as he shall prescribe, may authorize reimbursement for tolls or charges for telephone service from private residences or private apartments to the extent such charges are determined by the Secretary to have been incurred to facilitate the collection of information in connection with the censuses and surveys authorized by this title.

## Section 25. Duties of supervisors, enumerators, and other employees

- (a) Each supervisor shall perform the duties imposed upon him by the Secretary in the enforcement of chapter 5 of this title in accordance with the Secretary's orders and instructions.
- (b) Each enumerator or other employee detailed to serve as enumerator shall be charged with the collection in his subdivision of the facts and statistics called for on such schedules as the Secretary determines shall be used by him in connection with any census or survey provided for by chapter 5 of this title.

#### Section 26. Transportation by contract

The Secretary may contract with field employees for the rental and use within the continental limits of the United States of means of transportation, other than motorcycle, automobile, or airplane, and for the rental and use outside of the continental United States of any means of transportation, which means may be owned by the field employee. Such rental contracts shall be made without regard to section 4 of the Travel Expense Act of 1949, as amended (5 U.S.C. 837). The rentals shall be at rates equivalent to the prevailing rental rates of the locality. The rental contracts within the continental United States may be entered into only when the use by the field employee of such other means of transportation is safer, more economical, or more advantageous to the Government than use of his motorcycle, automobile, or airplane in conducting the census.

#### **CHAPTER 5. CENSUSES**

#### Subchapter II—Population, Housing, Agriculture, Irrigation, and Unemployment

#### Section 142. Agriculture and Irrigation

- (a) The Secretary shall in 1979, in 1983, and in every fifth year beginning after 1983, take a census of agriculture.
- (b) In conjunction with the census to be taken under subsection (a) of this section in 1979, in 1988, and every tenth year beginning after 1988, the Secretary shall take a census of irrigation.
- (c) The data collected in each of the censuses taken under this section shall relate to the year immediately preceding the year in which such census is taken.

#### Subchapter V—Geographic Scope, Preliminary and Supplemental Statistics, and Use of Sampling

#### Section 191. Geographic scope of censuses

- (a) Each of the censuses authorized by this chapter shall include each State, the District of Columbia, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, and the Commonwealth of Puerto Rico, and as may be determined by the Secretary, such other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty. Inclusion of other areas over which the United States exercises jurisdiction or control shall be subject to the concurrence of the Secretary of State.
- (b) For censuses taken in the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, or any possession or area not specifically designated in subsection (a) of this section, the Secretary may use census information collected by the Governor or highest ranking Federal official, if such information was obtained in accordance with plans prescribed or approved by the Secretary.

(c) If, pursuant to a determination by the Secretary under subsection (a) of this section, any census is not taken in a possession or area over which the United States exercises jurisdiction, control, or sovereignty, the Secretary may include data obtained from other Federal agencies or government sources in the census report. Any data obtained from foreign governments shall be obtained through the Secretary of State.

## Section 193. Preliminary and supplemental statistics

In advance of, in conjunction with, or after the taking of each census provided for by this chapter, the Secretary may make surveys and collect such preliminary and supplementary statistics related to the main topic of the census as are necessary to the initiation, taking, or completion thereof.

#### Section 195. Use of sampling

Except for the determination of population for purposes of apportionment of Representatives in Congress among the several States, the Secretary shall, if he considers it feasible, authorize the use of the statistical method known as "sampling" in carrying out the provisions of this title.

#### Section 196. Special censuses

The Secretary may conduct special censuses for the government of any State, or of any county, city, or other political subdivision within a State, for the government of the District of Columbia, and for the government of any possession or area (including political subdivisions thereof) referred to in section 191(a) of this title, on subjects covered by the censuses provided for in this title, upon payment to the Secretary of the actual or estimated cost of each such special census. The results of each special census shall be designated "Official Census Statistics." These statistics may be used in the manner provided by applicable law.

#### CHAPTER 7. OFFENSES AND PENALTIES

#### Subchapter I—Officers and Employees

## Section 211. Receiving or securing compensation for appointment of employees

Whoever-

 receives or secures to himself any fee, reward, or compensation as a consideration for the appointment of any person as supervisor, enumerator, clerk, or other officer or employee of the Department of Commerce or bureau or agency thereof, referred to in subchapter II of chapter 1 of this title: or (2) in any way receives or secures to himself any part of the compensation paid to any person so appointed—

shall be fined not more than \$3,000 or imprisoned not more than five years, or both.

## Section 212. Refusal or neglect of employees to perform duties

Whoever, being an employee referred to in subchapter Il of chapter 1 of this title, and having taken and subscribed the oath of office, neglects or refuses, without justifiable cause, to perform the duties enjoined on such employee by this title, shall be fined not more than \$500.

## Section 213. False statements, certificates, and information

- (a) Whoever, being an officer or employee referred to in subchapter II of chapter 1 of this title, wilfully and knowingly swears or affirms falsely as to the truth of any statement required to be made or subscribed by him under oath by or under authority of this title, shall be guilty of perjury, and shall be fined not more than \$2,000 or imprisoned not more than five years, or both.
- (b) Whoever, being an officer or employee referred to in subchapter II of chapter 1 of this title
  - (1) willfully and knowingly makes a false certificate or fictitious return; or
  - (2) knowingly or willfully furnishes or causes to be furnished, or, having been such an officer or employee, knowingly or wilfully furnished or caused to be furnished, directly or indirectly, to the Secretary or to any other officer or employee of the Department of Commerce or bureau or agency thereof, any false statement or false information with reference to any inquiry for which he was authorized and required to collect information provided for in this title—

shall be fined not more than \$2,000 or imprisoned not more than five years, or both.

#### Section 214. Wrongful disclosure of information

Whoever, being or having been an employee or staff member referred to in subchapter II of chapter 1 of this title, having taken and subscribed the oath of office, or having sworn to observe the limitations imposed by section 9 of this title, publishes or communicates any information, the disclosure of which is prohibited under the provisions of section 9 of this title, and which comes into his possession by reason of his being employed (or otherwise providing services) under the provisions of this title, shall be fined not more than \$5,000 or imprisoned not more than five years, or both.

#### Subchapter II—Other Persons

## Section 221. Refusal or neglect to answer questions; false answers

- (a) Whoever, being over eighteen years of age, refuses or wilfully neglects, when requested by the Secretary, or by any other authorized officer or employee of the Department of Commerce or bureau or agency thereof acting under the instructions of the Secretary or authorized officer, to answer, to the best of his knowledge, any of the questions on any schedule submitted to him in connection with any census or survey provided for by subchapters I, II, IV, and V of chapter 5 of this title, applying to himself or to the family to which he belongs or is related, or to the farm or farms of which he or his family is the occupant, shall be fined not more than \$100.
- (b) Whoever, when answering questions described in subsection (a) of this section, and under the conditions or circumstances described in such subsection, willfully gives any answer that is false, shall be fined not more than \$500.

# Section 222. Giving suggestions or information with intent to cause inaccurate enumeration of population

Whoever, either directly or indirectly, offers or renders to an officer or employee of the Department of Commerce or bureau or agency thereof engaged in making an enumeration of population under subchapter II, IV, or V of chapter 5 of this title, any suggestion, advice, information, or assistance of any kind, with the intent or purpose of causing an inaccurate enumeration of population to be made, shall be fined not more than \$1,000 or imprisoned not more than one year, or both.

## Section 223. Refusal, by owners, proprietors, etc., to assist census employees

Whoever, being the owner, proprietor, manager, superintendent, or agent of any hotel, apartment house, boarding or lodging house, tenement, or other building, refuses or willfully neglects, when requested by the Secretary or by any other officer or employee of the Department of Commerce or bureau or agency thereof, acting under the instructions of the Secretary, to furnish the names of the occupants of such premises, or to give free ingress thereto and egress therefrom to any duly accredited representative of such Department or bureau or agency thereof, so as to permit the collection of statistics with respect to any census provided for in subchapters I and II of chapter 5 of this title, or any survey authorized by subchapter IV or V of such chapter insofar as such survey relates to any of the subjects for which censuses are provided by such subchapters I and II, including, when relevant to the census or survey being taken or made, the proper and correct enumeration of all persons having their usual place of abode in such premises, shall be fined not more than \$500.

#### Section 224. Failure to answer questions affecting companies, businesses, religious bodies, and other organizations; false answers

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule or questionnaire prepared and submitted to him under the authority of this title, shall be fined not more than \$500; and if he willfully gives a false answer to any such question, he shall be fined not more than \$10,000.

## Section 225. Applicability of penal provisions in certain cases

- (a) In connection with any survey conducted by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof pursuant to subchapter IV of chapter 5 of this title, the provisions of sections 221, 222, 223, and 224 of this title shall apply—
  - (1) with respect to the answering of questions and furnishing of information, only to such inquiries as are within the scope of the schedules and questionnaires and of the type and character heretofore used in connection with the taking of complete censuses, under subchapters I and II of chapter 5 of this title, or in connection with any censuses hereafter taken pursuant to such subchapters;
  - (2) only after publication of a determination with reasons therefor certified by the Secretary, or by some other authorized officer or employee of the Department of Commerce or bureau or agency thereof with the approval of the Secretary, that the information called for is needed to aid or permit the efficient performance of essential governmental functions or services, or has significant application to the needs of the public, business, or industry and is not publicly available from nongovernmental or other governmental sources;
  - (3) in the case of any new survey, only after public notice, given by the Secretary or other

authorized officer or employee of the Department of Commerce or bureau or agency thereof at least thirty days in advance of requesting a return, that such survey is under consideration.

- (b) The provisions for imprisonment provided by section 222 of this title shall not apply in connection with any survey conducted pursuant to subchapter II of chapter 3 of this title, or to subchapter IV of chapter 5 of this title.
- (d) Where the doctrine, teaching, or discipline of any religious denomination or church prohibits the disclosure of information relative to membership,

a refusal, in such circumstances, to furnish such information shall not be an offense under this chapter.

#### Subchapter III—Procedure

#### Section 241. Evidence

When any request for information, made by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, is made by registered or certified mail or telegram, the return receipt therefor or other written receipt thereof shall be prima facie evidence of an official request in any prosecution under such section.

## Appendix B. Historical Notes

#### ORIGINS AND EARLY DEVELOPMENT

#### The First Censuses: 1790-1840

The United States Constitution, Article I, section 2, required an enumeration of the "whole Number of free Persons, including those bound to Service for a Term of Years, and excluding Indians not taxed, three-fifths of all other Persons ... within three Years after the first Meeting of the Congress of the United States, and within every subsequent Term of ten years ...." The authors intended, by this headcount, to provide for the equitable distribution to each State of taxes and representation in the House of Representatives, and the first such census was carried out in 1790.

Some members of the Government, as well as others, recognized at once that such a periodic and universal enumeration of the country could be used to gather a great deal of useful information on other things than just the population. James Madison, then a member of the House of Representatives for Virginia, introduced a bill to use the census to obtain information on occupations and other economic subjects, as well as basic data on the age, sex, and race of the population; the House approved the idea, but the Senate rejected it. Madison had to content himself with a less ambitious census, which collected data only on the number and sex of free white persons, free white males by age, number of all other persons, and number of slaves.

The explosive growth of the new United States soon prompted reconsideration of Madison's proposals, and the third census, for 1810 (Madison having become President, coincidentally, in 1809), included questions on the kind, quantity, and value of goods manufactured.<sup>1</sup> At its founding, and for much of the 19th century, the United States was primarily an agricultural nation—fully 95 percent of the population enumerated in the first census lived on the land—but it was not until 1820, and the fourth census, that a question specifically relating to agriculture was included on the census schedule, and it asked only how many, if any, members of each household were engaged in agriculture.

The census continued to collect data on manufacturing after 1810, and expanded the number of items directed to that end in each succeeding census, but made no further attempt to obtain agriculture information until 1840. The sixth decennial census introduced separate schedules of questions relating to mining, agriculture, commerce, manufactures and trades, and navigation. The agricultural schedule included inquiries on cereals or various other crops, and on livestock. The results were published with the rest of the census data, but were considered unreliable and too lacking in detail to be useful. The data users of the time soon began demanding that the census collect more detailed information, and that the Government pay more attention to ensuring the accuracy of the data collected and published.

#### **Expanding the Agriculture Census**

The dissatisfaction with the 1840 census prompted Congress to give particular attention to the organization and data content of the 1850 census. A select committee of the House of Representatives considered the problems involved in the census and recommended that the Federal Government establish a permanent census office. While the Senate shared many of the concerns expressed by the House, it declined to support the latter proposal. Instead, the Senators suggested only that the congressional legislation concerning the census exhort persons employed in the operation to pay strict attention to their duties, and the permanent census office had to wait another half-century. Nevertheless, the 1850 census assumed much of the specialized organization that has since characterized the censuses, and is often considered the first "modern" enumeration.

The increased specialization began at the top, where the Congress transferred the responsibility for supervising the census from the Department of State to the newly formed Department of the Interior. The interest in more detailed data resulted in the establishment of six subject areas for data collection, including agriculture, each with a separate schedule of questions. The agriculture questionnaire, or "schedule," was far more elaborate and detailed than its predecessor, asking for the name of the person(s) in each household who operated a farm, and making relatively detailed inquiries on acreage and agricultural activities. Questions asked included the quantities produced for 32 crops, wool, and dairy products; the value of farm implements and machinery, animals slaughtered, and homemade manufactures; quanity and value of livestock; and the cash value of the farm. The 1850 census publications included the total number of farms for the United States (1.4 million) and each State; acreage (294 million acres under cultivation); and total value of farms, buildings, livestock, machinery, and equipment (nearly \$4 billion).

<sup>&</sup>lt;sup>1</sup>The Federal Government published a separate report covering the nondemographic data collected in the third census: *A Statement of the Arts and Manufactures of the United States of America, for the year 1810.* This document may be considered the forerunner of the Census Bureau's enormous economic statistical publishing program.

The agricultural censuses for 1860 and 1870 were virtual repeats of that of 1850. The 1870 census publication program, however, used maps to present statistical data, in addition to the conventional tables. The census law of 1879 provided for the appointment by the President (with Senate confirmation) of up to 150 local supervisors for the 1880 census (at least 1 for each State or territory) as well as for employing specialists to collect data on certain census subject matter areas, such as manufactures and mining. The local supervisors were responsible for the actual data collection, as well as for hiring suitable enumerators. This enlarged staff permitted closer supervision of the enumeration and thus, it was hoped, greater accuracy. The 1880 agriculture census schedule included new items on tenure, weeks of hired labor, costs for building and maintaining fences, and cost of fertilizer purchased. The census used several specialized questionnaires to collect detailed production information on cereal crops, meat, tobacco, hops, cotton culture and the cottonseed oil industry, forest products, fruit growing and orchards, and sheep and wool. Special enumerators visited operators involved in these particular production areas and completed the specific questionnaire required, or left a guestionnaire with the respondent, who was asked to complete the form and mail it to the census office.<sup>2</sup>

The agriculture census expanded further for 1890, when the agriculture schedule doubled in length—including new inquiries on agricultural organizations, floriculture, and irrigation—and again used special questionnaires for selected operations. The population census also collected agricultural data, asking for information on farm mortgages.

The 1900 agricultural census introduced a question on the race of the farm operator, but was otherwise similar to the previous enumeration. The agriculture census entered the age of automated data processing in 1900 as well, when the census staff used punchcards and electric tabulating machines to process and tabulate the statistics. This equipment tabulated the results of the 1890 population census, and was adapted for the agriculture enumeration by the development and addition of an automatic sorter (required because of the large number of crop cards used in processing the agriculture data) and the use of a new keypunch machine.

#### THE 20TH CENTURY

#### **Program Development**

The establishment of a permanent Census Bureau—The first 12 U.S. censuses used temporary organizations, established a few months before the official census date and

disbanded once the data had been collected and published. This temporary existence had been sufficient for the earliest enumerations, which had collected minimal data, but the elaboration of the census operation, and of the kinds and volume of data tabulated and published, seemed to require more time and resources than could be provided by a staff and office organized and disbanded for each census. The results of the 1880 census dissatisfied many data users, leading to a campaign among interested professional and commercial organizations-e.g., the National Board of Trade, the American Statistical Association, and the American Economic Association-urging the creation of a permanent census office. The 12th census, for 1900, was the last carried out on the old ad hoc basis. By that time the limitations of the old system had become well known and the advantages of a permanent census office (better work load distribution, improved planning capacity, the ability to carry out surveys and censuses in the years between the constitutionally mandated enumerations, and so on) were so obvious that in 1902 Congress authorized the establishment of the permanent census office within the Department of the Interior. The new unit, later designated the Bureau of the Census, moved to the newly created Department of Commerce and Labor in the following year, and when the Department was divided in 1913, was assigned to the Department of Commerce, where it has since remained.

Agriculture census programs—The various censuses' statistics proved so useful that as early as 1880 the former chairman of the American Statistical Association suggested expanding the decennial census by adding a mid-decade enumeration. Many of the same persons and associations pushing for a permanent statistical office also urged this, as well the addition of specialized censuses to the agriculture program. In 1910, Congress directed the Bureau to carry out a decennial census of irrigation as part of the agriculture census, and in 1920 added a decennial census of drainage. The legal requirement for a census of drainage lasted into the 1980's, but lack of interest among data users prompted Congress to remove it from the census law in 1985. Special censuses of horticultural specialties also were added to the agriculture census program, although at irregular intervals-i.e., as part of the 1890, 1930, 1950, 1959, 1969, 1978, and 1987 censuses. By 1987, the "special" censuses routinely were carried out for the year following the general agriculture census's reference year, using operator lists drawn from the census respondent lists. Thus the irrigation and horticultural censuses used 1988 as their reference year, rather than 1987.

Congress also had considered the question of middecade enumerations, and while it had not directed that the population census be taken on a quinquennial basis, in 1909 it passed legislation calling for a mid-decade census of agriculture for the year 1915, and for every 10th year thereafter (in addition to the decennial efforts in years ending in "0"). Congress reversed itself in March 1915, repealing that section of the law requiring a census for

<sup>&</sup>lt;sup>2</sup>The original agriculture schedules for the 1850-1880 censuses were retained by the Federal Government until the mid-20th century, when they were turned over to various State archives. Most were microfilmed, either by the National Archives and Records Administration, or, in some cases, by State or private organizations, and microfilm copies of the schedules for this period also are available. These are the only agricultural censuses for which the schedules have survived; the individual census question-naires now are routinely destroyed after the statistical data have been extracted for tabulation.

1915, but again, in 1919, authorized a mid-decade agriculture enumeration beginning with a census for 1925. Subsequent agricultural censuses have been on a 5-year cycle, with occasional modifications, in years ending in "0" and "5," collecting data for the preceding crop year. This system continued until 1954, when Congress codified the Bureau's operations in Title 13, United States Code-Census, and established new reference years for the agricultural and economic censuses. Now agricultural censuses were to be every 5 years, in years ending in "4" and "9," and collect data for the preceding year. (The other economic censuses also were for years between the decennial censuses, e.g., for years ending in "2" and "7.") The agricultural (and irrigation and drainage) censuses, ostensibly done in years ending in "9," actually continued to be carried out as part of the decennial census operation.

The advantages of obtaining agricultural and economic census data for the same year, providing a single "snapshot" of the national economy, were obvious to most observers, and it was not long before there was considerable support for simultaneous agricultural and economic censuses. The Department of Commerce and the Bureau recommended in 1972 that the dates of the agriculture census be changed to coincide with those of the economic censuses; in 1976 Congress enacted Public Law 94-229, requiring agriculture census for 1978, 1982, and every fifth year thereafter, making them concurrent, for 1982 and after, with the economic censuses.

**Enumeration dates, timing, and methodologies**—Prior to the 1950's the agriculture census was usually carried out during the first months of the year following the reference year. The Bureau enumerated agriculture at the same time as the population censuses in decennial census years—e.g., in April of the census year for 1910, and from 1930 through 1950 (the 1920 census date was January 1 of that year)—to make use of the field and office staffs already in place. The long gap between the end of the reference year and the beginning of the censuses in these years presented a significant problem for respondents trying to answer the census accurately. The mid-decade censuses for 1925 through 1945 occurred in January of the year following the reference year, to collect the data on the entire calendar year as soon as possible after its end.

The 1920 and the mid-decade enumerations provided data for reference periods corresponding to those used in the U.S. Department of Agriculture crop and livestock estimates (issued as of December 1 and January 1 respectively), but winter weather made canvassing, particularly in rural areas, very difficult. In addition, there were problems fitting a fairly long interview into the busy workday of the average farmer. The Bureau tested a methodology intended to mitigate these problems as part of the 1920 census. Local mail carriers, who were assumed to have sufficient knowledge about the people and farms on their routes to permit them to check the accuracy of responses, as well as avoid at least part of the problem of long interviews, were employed to deliver the questionnaires, pick them up

when completed, and carry out a preliminary review of the responses. The plan had mixed results, particularly in the rural test area, and was not adopted as a general enumerative technique until tried again in the 1950's. (In the 1950 census, mail carriers delivered the questionnaires to rural route boxholders, who were asked to complete the forms and hold them until an enumerator arrived to pick them up.) For the first mid-decade agriculture census in 1925, the Bureau tried again to improve the completeness by making a special effort to hire as enumerators people identified with agriculture. The presidents of State agricultural colleges recommended persons to act as supervisors, forest rangers from the Department of Agriculture enumerated farms near national forests, employees of the Bureau of Reclamation canvassed irrigation projects, and Indian agents collected data for farms on Indian reservations. (In later canvasses, farmers and farmers' wives frequently were hired to carry out the canvass.)

The 1954 agriculture census inaugurated an attempt to collect the required data as near as possible to the end of the crop year of the reference year; canvassing began in November of the reference year. This improved the quality of the data, and the Bureau continued to use this procedure for the 1959 and 1964 censuses, but weather still presented a serious problem for canvassing.

The Census Bureau adopted mailout/mailback methodology as the rule for the 1969 agriculture census, permitting a return to a January data-collection operation. It had this procedure for the 1963 Economic Censuses, and decided to use it in major portions of the 1970 population and housing censuses as well. Employed in the agriculture census, mailout/mailback allowed farmers to complete their report forms at their own convenience, with full access to their own records, and gave them an opportunity to review and correct their own report forms. The Bureau compiled the address list of potential agricultural operations from the previous agriculture census records and from administrative records supplied by the Internal Revenue Service (IRS), the Social Security Administration, and the U.S. Department of Agriculture. The mailout, at the end of December 1969, requested inventory and production data for that year, as of December 31. The Bureau asked farmers to complete the forms and mail them back; field enumeration was retained only for Puerto Rico, Guam, the U.S. Virgin Islands, the Trust Territory of the Pacific Islands, and American Samoa, and for certain followup activities.

While far more convenient for farmers and more economic than using a field staff, the mailout/mailback census had problems of its own. Most important among these were (1) compiling a complete address list, and (2) obtaining timely response from farmers. Mail list compilation was particularly difficult with respect to small farms, which were not likely to be included in many of the administrative records the agency used to assemble its list. Adequate response rates required multiple followup mailings—six or seven in a typical census—as well as telephone enumeration of particularly large or important nonrespondent operations, over a period of several months.

Despite these problems, and they remained significant for the 1987 census, the overall coverage obtained by mailout/mailback was only marginally lower than from the old canvassing methodology. The savings in funds realized by the mail census, as well as the convenience (and hence reduced resistance to response for the agricultural operators), were considered to outweigh the drawbacks of the technique.

**Sampling**—The Bureau introduced sampling for specific information in the 1940 agriculture census, when it sampled the collected data for a series of special tabulations. The 1945 agriculture census used sampling as an enumeration method: While the census collected county-level data in a conventional canvassing operation, selected State-level estimates were obtained from an area-segment sample<sup>3</sup> that included approximately 7 percent of all farms in the United States.

Later agriculture censuses sampled extensively as a means to reduce overall respondent burden by collecting selected data from only certain farm operations, and then developing estimates for all farms based on the sample data, particularly after the adoption of the mailout/mailback enumeration. The technique for the general census used a short form that included the core items requested of all farms, and a long form that included both the core items and additional questions on areas of special interest, such as farm debt and finances, machinery and equipment, conservation practices, use of chemicals, and so on. The sample used generally included all farms expected to meet specified value-of-sales or acreage limits, plus a random sample of all other farms on the census lists.

The Bureau also made extensive use of sampling in its coverage evaluation program to estimate the completeness of the enumeration and to adjust census statistics to compensate for nonrespondent operations.

Agricultural services censuses—Increasing interest in businesses providing services to agricultural operations led the Census Bureau to develop a census of agricultural services for the 1969 agriculture census program. This specialized enumeration aimed at collecting business information (i.e., volume of sales, payroll, number of employees, and so on) at the establishment level on specified types of service operations, such as veterinary services, soil treatment operations, animal and livestock services other than veterinary, soil and crop services, landscapers, farm labor management firms, and the like. The Bureau prepared mail lists from administrative records (e.g., IRS individual, partnership, and corporation tax records) and enumerated the service establishments by mail, publishing tabulations for the United States and for States, with limited data available for counties. The services' enumeration was repeated for the 1974 and 1978 agriculture censuses, but following the 1978 operation Congress withdrew funding and ended the program.

**Followon sample surveys**—The 1987 Census of Agriculture program included two followon sample surveys and a special census of horticultural specialty operations. Followon surveys made it possible to select the most efficient samples to collect detailed data on subjects of special interest without adding greatly to the overall respondent burden. These surveys drew a sample of farms with specified characteristics (for the 1987 program, samples of farms using irrigation, farms with rented land and their landlords, and horticultural specialty operations) from the pool of agriculture census farms, and requested operators to provide more detailed information on their agricultural activities than it was possible to ask in the general census.

The Bureau carried out the first agriculture followon survey after the 1954 census, with a mail sample survey of farm expenditures. Since then, every agriculture census program except that for 1982 included at least one followon survey (the original plans for the 1982 census called for several, but these were canceled because of budget constraints). The 1978 program included sample surveys of farm finances, farm and ranch irrigation practices, farm energy use, and a census of horticultural specialties. The 1987 followon program originally consisted of a horticultural specialties census, a farm and ranch irrigation practices sample survey, an agriculture economics and land ownership survey, and a survey of irrigation organizations, but the last was dropped for budgetary reasons.

The followon operations drew samples from the agriculture census itself, so the census data collection operation and the subsequent identification of sample operations for any followon survey had to be completed before the latter could get under way. Thus the followon surveys (or censuses) usually were carried out for the calendar year following the census reference year; e.g., the 1987 followon program data-collection activities all took place in 1989, and requested data for calendar year 1988.

#### **Report Form Content and Format**

**Content**—Each census of agriculture required that a balance be struck between the opposing requirements of collecting the maximum amount of detailed information about agriculture and keeping response burden to a minimum. Data users discovered new items about which they needed information for each enumeration; accommodating

<sup>&</sup>lt;sup>3</sup>An area-segment sample typically involved identifying particular geographic area segments, usually expected to have a specified average number of agricultural operations, and sampling the total number of segments identified. For the 1945 census, a 1-in-18 sample of area segments (each expected to contain five agricultural operations) in all counties was selected, and this, together with 50,000 large farms selected for certain inclusion, made up the national sample. Once a sample was selected, the Census Bureau or cooperating agency (USDA's National Agriculture Statistics Service (NASS) and its predecessor, the Statistical Reporting Service (SRS) frequently collaborated with the Bureau, making USDS's June Enumerative Survey area sample available for census evaluation, and other purposes) canvadded the farms in the segments to collect the data needed.

these needs with the realities of collecting the data desired from farm operators meant that report-form content and format were under continual study and redesign.

In the 19th century, the agriculture census schedules asked for simple production quantities and total sales values for selected products, with relatively few items on such things as machinery and equipment, or fertilizers used. Changes to these schedules generally were restricted to the kinds of crops and livestock for which data were requested. The 1900 census introduced questions on the race and tenure of farm operators, and from then on until today, the agriculture census collected a considerable amount of social and economic information, along with the crop and livestock data. During the period between the World Wars, questions were added on such things as the availability of electricity, telephone service, and paved roads, as well as the degree of mechanization of farm operations, and nonfarm employment and income. The race, sex, and ethnic background of farm operators became important objects of the census guestionnaire after World War II, and the 1978 and later agriculture census report forms asked for the respondent's sex, and whether he or she was of Spanish/Hispanic origin.

Business organization, off-farm income, and participation in a variety of Federal Government agricultural programs became increasingly important to data users as well. Some information on organization and income had been requested since the 1920's, and following World War II, items were added on participation in various Federal loan and land-conservation programs. For 1974, the census questionnaire introduced an item on farm credit and debt, and for the 1987 census, additional inquiries on production expenses.

**Format**—The agriculture censuses employed a field canvass of farm operators until the 1969 census. During the 19th century, enumerators used pages in large ledger-type binders for collecting the agriculture (as well as other census) data. The Census Bureau began using separate agricultural questionnaires in the 1900 census, and has continued to do so since, except for the 1945 enumeration, which reverted to the binder format as a wartime measure.

The growing demand for more and more detailed data, and the opposing demand to hold respondent burden to a minimum led to compromises in every census, and to experiments during the 1940 and later censuses in tailoring report forms to reflect the special characteristics of agriculture in various parts of the country. The tailored forms typically had two sets of questions, one asking for basic information of all farm operations, and a second, varying from area to area, covering the crops and livestock produced there. This specialization of report forms reached its peak in the 1964 census, when there was a separate questionnaire for each State, Puerto Rico, Guam, and the Virgin Islands.

The agency eliminated the specialized forms for the 1969 census, when it designed two standard questionnaires—a "short" form asking for basic information, and a "long" form that included additional items. Tailored report forms<sup>4</sup> were used only for Hawaii, Puerto Rico, and the outlying areas. The census used the long form for farms in the 50 States expected to have \$2,500 or more in agricultural products sold during the census year, while the short form went to smaller farms. A similar format was used for the 1974 census, while the 1978 census had a variation of the system, with a somewhat longer basic questionnaire used for all farms, but with a "sample" questionnaire that included all the basic items plus six additional sections of inquiries for a sample of about 20 percent of all farms. Larger page size and other format changes enabled the Bureau to collect the data needed while reducing overall response burden by over 30 percent.

Standardization simplified the job in terms of designing, printing, mailing, and processing the questionnaire, but respondents still were unhappy about questions irrelevant to their own operations. The 1982 census reintroduced tailored questionnaires, although this time they were limited to specialization for 12 geographic regions of the country, plus separate questionnaires for the outlying areas, and with sample and nonsample forms<sup>5</sup> for each region. The agriculture census "regions" did not coincide either with the Bureau's census geographic regions or with the USDA's regions, but were simply groupings of States in which the Bureau expected to find similar types of crops and livestock operations. The nonsample report form contained all the items requested of all farmers, while the sample version contained both the "core" items requested on the nonsample form, and additional guestions, and was used for about 20 percent of all farms. The Bureau continued to use this system of regionalized/sample and nonsample report forms for the 1987 census, although the number of regions was raised to 13. (In the 1982 census, the Bureau there were 10 multi-State regions, while Florida and Hawaii each made up a region of their own. For the 1987 enumeration, Alaska was designated a separate region as well.)

#### **Processing and Publishing the Data**

**Processing**—Processing the census data during most of the 19th century was a fairly straightforward operation; the enumeration staff returned completed schedules to the census office and the clerical staff tabulated and compiled the data by hand. The introduction of mechanical punching and electric tabulating equipment (first used in the 1890 population census, and for the 1900 agriculture census) was a major methodological and technological change, so much so that a comparable transformation in processing

<sup>&</sup>lt;sup>4</sup>The Bureau also produced separate report forms for the agricultural services census, and the decennial censuses of irrigation, drainage, and horticultural specialties carried out as part of the 1969 program.

<sup>&</sup>lt;sup>5</sup>The sample forms were further specialized by the use of "must" report forms. "Must" forms were used for very large or special operations, and were identical to the other sample forms in content. A different shading color for "must" forms facilitated identification of these cases during clerical processing.

waited until the advent of the electronic computer and automated data processing systems half a century later. Technical improvements to the equipment continued throughout the intervening decades (e.g., the 1940 agriculture census introduced automated editing of the census punchcards), however, the basic systems introduced for processing at the turn of the century remained in place until after World War II.

The Census Bureau played a major role in the development of modern computer technology. Its staff drew up the specifications and cooperated in the design of the "Universal Automatic Computer," better known as UNIVAC, the first general-purpose electronic computer system, which was installed at the Bureau's Philadelphia field office in 1951 for use in processing the 1950 population census. The system was moved to the Suitland headquarters in time for the 1954 agriculture census. Even with the new system, a large clerical staff was required to manually edit the individual report forms before the data were keyed to punchcards for computer processing. The Bureau continued to modernize and expand its computer systems to take advantage of rapid developments in the technology. The 1964 census introduced "string" punching, which saved time in key punching and computer processing. This technology reduced the total number of punchcards needed to transfer the data to magnetic tape, and used computerized programs to perform much of the editing and tabulating work. For the 1969 census, the Bureau dispensed with punchcards altogether, keying the agriculture data directly to small magnetic tape reels, "pooling" (i.e., consolidating) the data on standard computer tape reels, and shipping the tapes to the main computer facility at Suitland for processing. High-speed printers produced copies of tables for review and correction, and even for photo-offset reproduction for publication. For the 1974 census, computer disks replaced the small tape reels, and the Jeffersonville office transmitted the data to Suitland electronically via telephone datalink. For the 1978 census, individual barcode address labels and laser "reading" equipment facilitated automated check-in. For the 1982 census, the data were keyed directly to computer disk once again, but there was no clerical edit before keying, since the capabilities of the edit programs developed by the Bureau made such manual editing unnecessary. The 1982 census also saw the first use of the interactive data-base system, which allowed analysts and others access to the entire data file to resolve problems. This system was expanded further for 1987, using minicomputer systems, the data-storage capacity of which made it possible to dispense with the paper printouts required in the earlier systems.

**Publication**—The agriculture census data traditionally were published in printed reports, containing tabulations at the national, State, or even county level (as appropriate for each report series), with occasional use of illustrations and graphics. Since the turn of the century, this conventional system was modified successively to include individual reports for each State and county, special reports on selected subjects, greatly increased use of graphics and the development of a graphics report, and the adoption of electronic and other publishing media.

The Bureau employed relatively simple geography for publishing census data. Until the 1987 census reports were issued, the standard area reports covered the country as a whole, census geographic regions (and occasionally census divisions), States, and counties. For the 1987 enumeration, the Bureau produced selected statistics at the five-digit ZIP Code level as well; this was the first time agriculture census data were published for a level below the county since the first farm enumeration.

The early census reports sometimes included selected maps and an occasional chart, but these were very limited in scope. The Bureau produced the first *Graphic Summary*, showing farm tenure and land use, as part of the 1945 agriculture census publication program, and for 1969, introduced computer-generated maps as well as additional charts and graphs. Renamed the *Agricultural Atlas of the United States* for 1987, the graphics report became a regular and popular part of the census publication program.

The Bureau issued agriculture census data on computer tape-in two standard computer languages-for the first time as part of the 1964 publication program, although only tapes of the preliminary data were offered. For the 1969 and following censuses, the Bureau provided the final census data in computer tape files, while the preliminary data were made available only on tape for the 1978 enumeration. As computers and computer analysis became more and more widespread, data users indicated that they needed both the preliminary and final agriculture census data on computer tape, and urged expansion of the agency's data publication in machine-readable format to include new media, such as flexible diskettes. For the 1982 census, the Bureau issued both preliminary and final data files on computer tape, and released the preliminary data on flexible diskettes as well. Conventional computer tape files were those for which the user had to have access to a mainframe computer and the necessary programming and service staff such an installation required. Flexible diskettes, on the other hand, could be used in the rapidly proliferating minicomputer and microcomputer systems, although they had the drawback of limited data capacity per diskette (e.g., the 1982 agriculture preliminary data file required over 100 diskettes). As an alternative medium to the flexible diskette, while retaining accessibility to large census data files for users who did not have a major computer facility, the Bureau developed data files for sale on compact disc-read only memory (CD-ROM). The CD-ROM format employed rigid plastic disks virtually identical to those introduced for audio recordings, and a single CD-ROM had a data capacity comparable to four high-density computer tapes. Moreover, while special "readers" were required to use the new product, the equipment could be added to a standard minicomputer or even microcomputer system at minimal expense, while giving the user access to an enormous amount of data. The entire 1987 agriculture census data file could be contained on a single CD-ROM disk with room to spare. After producing two test disks to evaluate the capabilities of the new medium, the Bureau adopted it for future censuses and issued the final 1987 agriculture census data file on a single CD-ROM.

#### THE FARM DEFINITION

The first official definition of what constituted a farm for census purposes was used for the 1850 census, when any place qualified that had \$100 or more in total value of sales of agricultural products. Since 1850, acreage and dollarvalue limits were added, altered, or removed, while a requirement evolved that the land on the place be (1) involved in, or connected with, agricultural operations, and (2) under the day-to-day control of a single management (either by an individual, partnership, corporation, or other organization).

The important point was, of course, the involvement with agricultural operations, which—again for census purposes—were the production of livestock, poultry, and animal specialties, and their products, and/or crops, including fruit, and greenhouse and nursery products. The land did not need to be a single contiguous tract to comprise a single farm, but had to be operated as a single economic unit (although exceptions were allowed; see the section on the 1950-1954 definition below).

The changes in the various criteria used in the farm definition, by census, were—

- *1850-1860* No acreage requirement, but a minimum of \$100 in sales of agriculture products.
- 1870-1890 Any place of 3 or more acres, involved with agricultural production, qualified as a farm. Places with less than 3 acres were considered farms if they had a minimum annual value of agricultural product sales of \$500.
- 1900 No acreage or minimum sales requirement, and cranberry marshes, greenhouses, and city dairies were included if they required the full-time services of at least one person.
- 1910-1920 A minimum of 3 acres, with \$250 or more in total value of sales, unless the individual operation required the full-time services of at least one person.

- *1850-1860* No acreage requirement, but a minimum of \$100 in sales of agriculture products.
- 1925-1945 The requirement of the full-time services of at least one person was deleted; otherwise the definition was unchanged.
- 1950-1954 Places of less than 3 acres qualified as farms if they had, or normally would have had, sales of \$150 or more in agricultural products during the census year. Places that began operating for the first time as farms in 1954 also were included. Parcels operated by sharecroppers, and tenant farms, counted as separate farms, even though the landlord handled the entire holding as a single unit. (Land retained and operated by the landlord also was counted as a separate unit.)
- 1959-1974 The acreage requirement was raised to 10 acres or more, with at least \$50 or more in agricultural product sales. A place of less than 10 acres qualified as a farm if it had sales of \$250 or more during the census year.
- 1978-1987 The acreage requirement was dropped and any place that had, or normally would have had, \$1,000 or more in total agricultural product sales during the census year, qualified as a farm.

The farm definitions used in Puerto Rico and the outlying areas differed from that employed in the States. In Puerto Rico, the definition generally required 3 or more cuerdas (a cuerda equals approximately .97 acres) and/or specified numbers of livestock, poultry, or fruit or nut trees. The outlying areas' definitions generally were similar, although in American Samoa a variety of different landholding arrangements had to be taken into consideration in defining individual agricultural operations.

The Census Bureau and the Puerto Rican Government agreed to change the farm definition to give greater emphasis to product sales in the 1982 census, when a farm was any place with \$500 or more in annual sales of agricultural products, or any place of 10 cuerdas or more with \$100 in sales of agricultural products. The 1987/1990 agriculture censuses in the other outlying areas saw a similar change, when the crop, livestock, and acreage requirements were dropped, and a farm was defined as any place that had, or normally would expect to have, \$100 in annual sales of agricultural products.

Appendix C.

## Organization of the Bureau of the Census and Key Personnel for the 1987 Census of Agriculture

During the 1987 Census of Agriculture period (October 1, 1985 to September 30, 1990), the Bureau of the Census was organized under a Director, a Deputy Director, and several Associate and Assistant Directors. With the approval of the Department of Commerce, the Census Bureau was reorganized in January 1987, when some positions and units were abolished and new ones were established. (See below for Bureau organizational charts for the census period.)

The list below, following the Executive Staff, is by operational division or office for the census period. Persons listed are those professional and other key personnel who were substantially involved in planning, conducting, and publishing the agriculture census, and disseminating the results. Dates are shown for individuals only when their service with a particular unit did not cover the entire period in which the unit was involved in agriculture census activities.

#### **EXECUTIVE STAFF**

The Director determined policies and directed the programs of the Bureau, taking into account applicable legislative requirements and data users' needs. The Director was responsible for the Census Bureau's activities and for coordinating its statistical programs with those of other Federal statistical agencies, with due recognition of the programs developed and regulations issued by the Office of Management and Budget and the Department of Commerce.

The Director was assisted by a Deputy Director who shared the responsibilities, performed the functions of the Director in the latter's absence, and was responsible for the Congressional Affairs, Program and Policy Development, and Public Information Offices, and the Office of the Deputy Chief Counsel. On their immediate staff, at the time of the 1987 agriculture census, were five Associate Directors (six after January 1987), seven Assistant Directors (five after January 1987), and several Special Assistants.

The Associate Director for Economic Programs (Associate Director for Economic Fields prior to January 1987) and the Assistant Director for Economic and Agriculture Censuses (who also served as Chief of the Economic Census Staff prior to January 1987) had overall responsibility for the 1987 agriculture census and coordinated the activities of all the divisions involved. The Agriculture Division prepared technical specifications and arranged for necessary services from the Census Bureau's support divisions. The functions and key personnel of all divisions and division units that worked on the census are listed below.

#### Director

Barbara E. Bryant, from Nov. 1989 C. Louis Kincannon, Acting, from Jan. 1989 to Nov. 1989 John G. Keane, to Jan. 1989

#### Staff

Chief Counsel, Vacant, from June 1986 to Oct. 1986 (position abolished Oct. 1986)

Gerard C. lannelli, Chief Counsel, from Dec. 1985 to June 1986

Alfred J. Tella, Special Adviser, to Apr. 1986

#### **Deputy Director**

C. Louis Kincannon

#### Staff

Theodore G. Clemence, Senior Advisor, to Oct. 1988 Melvin A. Hendry, Census Bureau Committee Liaison Officer, to Dec. 1985

#### CONGRESSIONAL AFFAIRS OFFICE

(Congressional Liaison Office to Jan. 1987; prior to that date, it reported to the Assistant Director for Communications; Office of Congressional Affairs from Jan. 1987 to Mar. 1988)

This office advised the Director on all congressional matters involving the Census Bureau's activities and served as the primary point of coordination for maintaining liaison on such activities with the Congress in collaboration with the Department of Commerce's Office of Congressional Affairs (Office of Legislative Affairs after Jan. 1990).

A. Mark Neuman, Congressional Liaison Officer, from Aug. 1989

Frederick Ruth, Congressional Liaison Officer, from Oct. 1985 to Aug. 1989 (Acting from Aug. to Oct. 1985)

Leon H. Hampton, Jr., Congressional Liaison Officer, to July 1985

#### PROGRAM AND POLICY DEVELOPMENT OFFICE

This office assisted in the overall planning, reviewing, and evaluation of Bureau-wide programs; reviewed and evaluated program accomplishments in relation to plans; and served as the focal point for determining and assessing goals and long-range policy and resource plans.

#### PUBLIC INFORMATION OFFICE

This office, which had been responsible to the Assistant Director for Communications prior to January 1987, directed the information, publicity, and press relations programs for the censuses, including preparation and dissemination of press releases and articles to general and specialized news media, and provided other assistance to news representatives.

#### James E. Gorman, Chief

Eugene M. Cagle, Assistant Chief

Angela Green, Public Affairs Specialist, from Oct. 1986 Mavis V. Dion, Public Affairs Specialist, to Sept. 1985 (position vacant, Sept. 1985 to Oct. 1986)

OFFICE OF THE DEPUTY CHIEF COUNSEL (Established Oct. 1986)

This office provided counsel and legal services to the Census Bureau subject to the authority of the Department of Commerce's Office of the General Counsel.

J. Patrick Heelen, Deputy Chief Counsel, from Oct. 1986

#### **Assistant Director for Communications**

(Abolished January 1987)

The Assistant Director for Communications planned and directed the public affairs and promotional activities of the Bureau, provided congressional liaison services, advised the Deputy Director in these activities, and had responsibility for the Data User Services Division and the Public Information Office.

James E. Gorman, Acting, to Jan. 1987

#### Associate Director for Economic Programs

(Associate Director for Economic Fields prior to Jan. 1987)

The Associate Director for Economic Programs planned and directed the economic statistical programs, and advised the Director in these fields. He supervised the Business, Construction Statistics, Economic Surveys, Foreign Trade, Governments, and Industry Divisions, and the Center for Economic Studies.

Charles A. Waite

Staff

Paula N. Muroff, Special Assistant Walter E. Neece, Statistician John O. Ostenso, Economic and Legislative Advisor, from July 1985

#### CENTER FOR ECONOMIC STUDIES

This center, reporting directly to the Associate Director for Economic Fields, planned, developed, and published analyses directed at improving the usefulness and validity of the Bureau's economic censuses and other economic data; developed and prepared studies of trends and relationships in the Bureau's economic reports and in series from other sources; and prepared special analytical and interpretative reports and monographs dealing with the data being published and the large body of economic microdata at its disposal. (Established as an independent unit in Jan. 1987, responsible to the Associate Director for Economic Programs.)

Robert H. McGuckin III, from Nov. 1986

Robert Bechtold, Acting Chief, from Dec. 1985 to Nov. 1986

John R. Norsworthy, Chief, to Dec. 1985

## Assistant Director for Economic and Agriculture Censuses

This Assistant Director provided overall direction for program planning of the economic and agriculture censuses; developed budget requirements, time schedules, and controls; coordinated plans for data collection and publication, the development of census methodology, and the data-processing system; maintained liaison with other divisions for data collection and other support needs; and developed and coordinated a data dissemination program. Under the supervision of the Associate Director for Economic Programs, he was responsible for the Economic Census Staff and the Agriculture and Economic Programming Divisions, the last one as of January 1987. The Assistant Director also served as the Chief of the Economic Census Staff prior to July 1986.

Roger H. Bugenhagen, from Apr. 1986 John H. Berry, to Apr. 1986

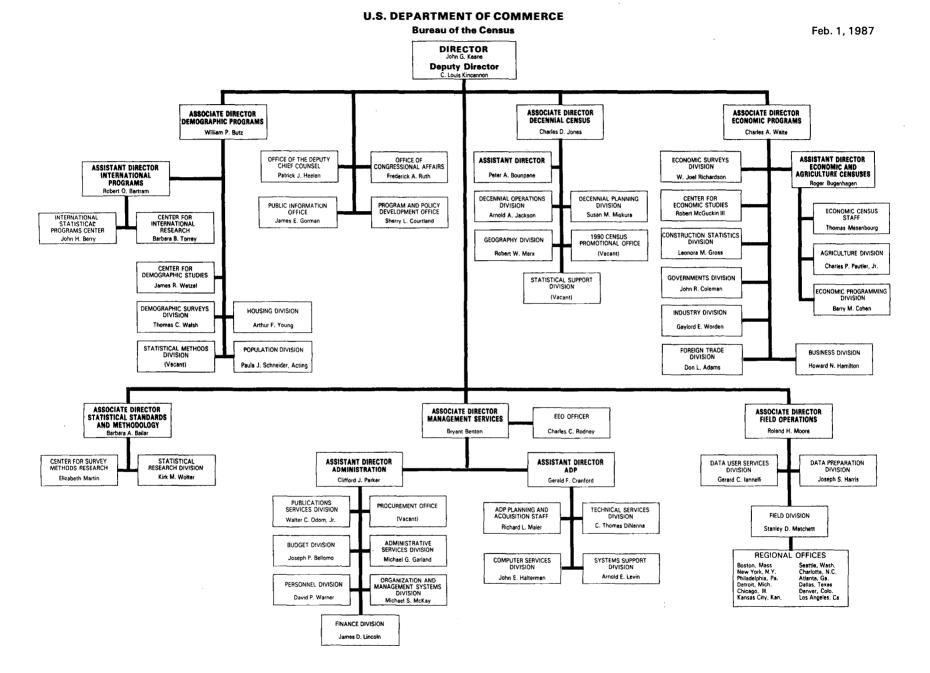
#### Staff

Stanley M. Hyman, Special Assistant John R. Wikoff, Special Assistant, to Jan. 1987

#### **Associate Director for Management Services**

This Associate Director supervised administrative services, with due consideration of those specifically provided by the Department of Commerce, to all components of the Census Bureau; planned and directed programs for electronic data-processing operations and techniques; directed activities of the Equal Employment Opportunity Office; and advised the Director in these fields.

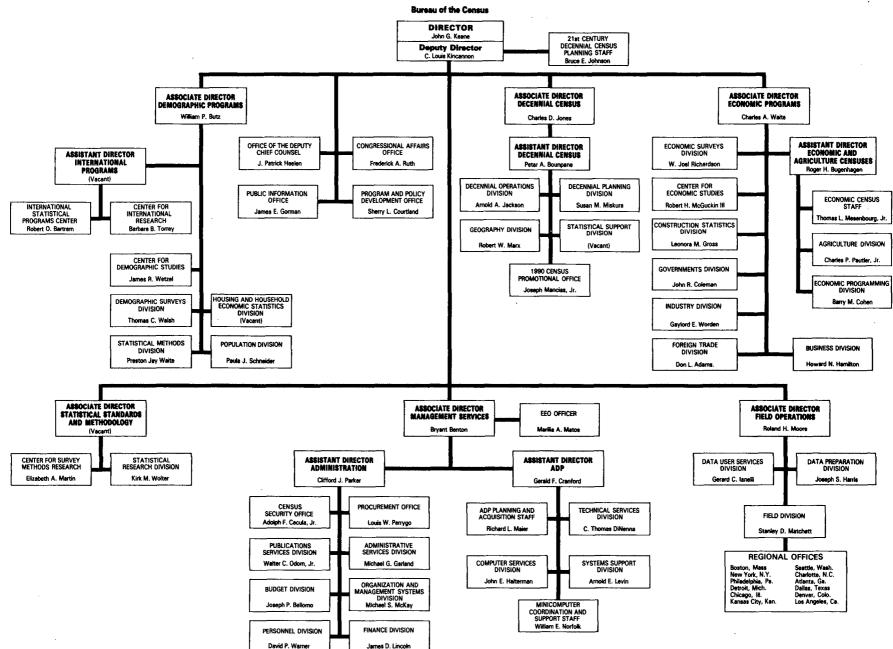
O. Bryant Benton



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March 21, 1988



#### EQUAL EMPLOYMENT OPPORTUNITY OFFICE

This office guided and assisted the Associate Director for Management Services in equal employment opportunity matters.

Marilia Matos, Equal Employment Manager, from Sept. 1987 (position vacant from June 1987 to Sept. 1987) Charles C. Rodney, Equal Employment Manager, to June 1987

#### Assistant Director for Automated Data Processing (ADP)

The Assistant Director assisted the Associate Director for Management Services in directing the Computer Services, Systems Support, and Technical Services Divisions, and the ADP Planning and Acquisition Staff.

Gerald F. Cranford

ADP PLANNING AND ACQUISITION STAFF (Abolished as a staff reporting directly to the Assistant Director in Jan. 1987.)

Richard L. Maier, Chief, to Jan. 1987

#### **Assistant Director for Administration**

The Assistant Director assisted the Associate Director for Management Services in supervising the Administrative and Publications Services (two separate divisions prior to Feb. 1990), Budget, Finance, Organization and Management Systems, and Personnel Divisions, and the Procurement Office.

Clifford J. Parker

#### **FINANCE STAFF**

(Abolished as a staff reporting directly to the Assistant Director in Jan. 1987; see Finance Division.)

This staff performed financial analysis, maintained financial accounts, coordinated payroll and leave audits, and prepared financial reports.

James D. Lincoln, Acting Chief, from Mar. 1986 to Jan. 1987

William A. Prentice, Chief, to Mar. 1986

#### **Associate Director for Field Operations**

This Associate Director planned and directed datacollection and noncomputer-processing operations, and advised the Director in these matters. The Associate Director for Field Operations was responsible for the Data Preparation, Data User Services (after January 1987; prior to that date, this division officially reported to the Assistant Director for Communications), Field, and Geography Divisions, the last one prior to January 1987. (At that time, Geography Division was placed under the Associate Director for Decennial Censuses.)

Roland H. Moore

## Associate Director for Statistical Standards and Methodology

This Associate Director planned and directed programs relating to the statistical adequacy of proposed collections and the application of appropriate statistical methodology and techniques; carried out long-range studies on the basic problems of measuring social and economic phenomena; provided research and consulting facilities oriented specifically toward psychological and behavioral science factors; and advised the Director in these fields. He or she directed the following units: the Center for Survey Methods Research and the Statistical Research Division.

Robert M. Groves, from Mar. 1990 William P. Butz, Acting, from Jan. 1989 to Mar. 1990 C. Louis Kincannon, Acting, from Jan. 1988 to Jan. 1989 Barbara A. Bailar, to Dec. 1987

#### Staff

Lawrence H. Cox, Senior Mathematical Statistician Carolee Bush, Project Coordinator, from May 1986 to July 1988

#### **DIVISIONS AND OFFICES**

## Administrative and Publications Services Division

(Separate divisions prior to Feb. 1990; unless otherwise noted, all positions in the combined division were held from Feb. 1990.)

This division secured space, supplies, and equipment; arranged for communications, transportation, and related services; designed the census questionnaires in conjunction with the economic subject-matter divisions; and supplied art, editorial, copy preparation, and printing coordination services for census questionnaires and publications.

#### Chief

Walter C. Odom, Jr.

#### Staff

Wayne H. Massey, Special Assistant to the Chief

Michael G. Garland, Assistant Chief

Barbara J. Stanard, Chief, Space and Facilities Management Branch

- Albert W. Cosner, Chief, Forms and Mail Management Branch
  - Joyce E. Teague, Chief, Economic/Administrative Forms Section
  - Cathern S. Kline, Chief, Forms/Mail Management Support Services Section
- Russell S. Price, Chief, Property, Records, and Supply Branch

Gary J. Lauffer, Chief, Printing Branch, from July 1990 (position vacant from Feb. 1990 to July 1990)

Gerald A. Mann, Chief, Publications Planning and Graphics Branch

Larry D. Tackett, Chief, Recurring Publications Section

David M. Coontz, Chief, Electronic Graphics Section Nicholas A. Preftakes, Chief, Creative and Design Staff

John T. Overby, Chief, Census Publications Section

#### **Administrative Services Division**

(Merged with Publications Services Division in Feb. 1990; unless otherwise noted, personnel continued in positions listed after divisions merged.)

This division secured space, supplies, and equipment; arranged for communications, transportation, and related services; and designed the census questionnaires in conjunction with the economic subject-matter divisions.

#### Chief

Michael G. Garland, from Mar. 1986 to Feb. 1990 Albert M. Cosner, Acting, from Dec. 1985 to Mar. 1986 Robert Kirkland, to Dec. 1985

#### Staff

Barbara J. Stanard, Assistant Chief, from May 1986 to Feb. 1990

- Albert W. Cosner, Chief, Forms and Mail Management Branch
  - Joyce E. Teague, Chief, Economic/Administrative Forms Design Section, from Nov. 1988
  - Cathern S. Kline, Chief, Economic/Administrative Forms Design Section, to Nov. 1988
  - Cathern S. Kline, Chief, Forms/Mail Management Support Services Section, from Nov. 1988
  - Joyce E. Teague, Chief, Forms/Mail Management Support Services Section, to Nov. 1988

#### **ADP Planning and Acquisition Staff**

(Established as separate unit, Jan. 1987.)

This staff prepared long-range information technology plans for submission to the Department of Commerce, coordinated requirements with the Department of Commerce, and assisted the Census Bureau's divisions and offices in acquiring information technology.

#### Chief

Richard L. Maier, from Jan. 1987

#### **Agriculture Division**

The Agriculture Division formulated and developed overall plans and programs for the collection, processing, and dissemination of statistical data from surveys or censuses relating to agriculture, agricultural activities or products, equipment and facilities, and cotton ginning. It planned and developed systems, prepared computer specifications for the processing of agricultural information, and conducted research and prepared analytical reports for special studies related to agricultural production in the United States.

#### Chief

Charles P. Pautler, Jr.

#### Staff

- Elaine Richards, Administrative Officer, from Oct. 1989 (Position vacant, Sept. to Oct. 1989.)
- Kathryn N. Walsh, Administrative Officer, from June to Sept. 1989
- Sandra Viverette, Administrative Officer, to June 1989 Mark A. Meggs, Computer Systems Analyst, from April 1988
  - Patrick L. McDonald, Computer Systems Analyst, from Jan. 1987 to Nov. 1987

George E. Pierce, Assistant Chief, Planning, from Sept. 1987. (Chief, Agriculture Census Planning Staff to Sept. 1987)

Patricia A. Clark, Statistician

- William A. Harlan, Chief, Procedures Branch, from Aug. 1986
- Kent C. Hoover, Chief, Procedures Branch, to July 1986 Betty B. McKay, Statistician
  - Beverly E. Battle, Statistician
  - Christopher L. Berbert, Statistician
  - Donald F. Cheza, Statistician, to Dec. 1987
- Sandra E. Hairston, Statistician
- Charles L. Kendall, Statistician, from June 1987 Bernadette L. Skinner, Statistician Darrin M. Stalba, Statistician, from Sept. 1988
- Douglas Joel Miller, Chief, Data Requirements and Outreach Branch, from Dec. 1987
- Cynthia R. Shipley, Statistician, to Aug. 1989 Quentin C. Coleman, Statistician, from Jan. 1987 Durwin Knutson, Statistician, from Jan. 1989
  - Francis D. Tolson, Statistician, to Sept. 1987
  - Susan E. Luckett, Statistician-in-training, from Sept. 1987
  - Janet L. Allen, Statistician-in-training, from Sept. 1989



Thomas J. Manning, Chief, Publications and Information Office

Karin G. Meyers, Writer-Editor

- Janet T. Robertson, Editorial Assistant
- Tina M. Wimbush, Editorial Assistant, from Dec. 1987
- Sharon L. Powers, Information Officer, from Dec. 1989 Debbie A. Norton, Information Officer, from Nov. 1988
- Brenda L. Prout, Information Officer, from Mar, 1987 to Oct. 1988

Mary B. Burch, Information Officer, to June 1986 Cecelia H. Peets, Writer-Editor, from Sept. 1990

John C. Womack, Assistant Chief, Agricultural Statistics, from March 1987

- Richard R. Storm, Assistant Chief, Agricultural Statistics, to Nov. 1986
  - Avon B. Floyd, Special Assistant, to Aug. 1989 Arlon M. Scott, Statistician
    - Thomas M. Marks, Statistician
    - Thomas N. Scott, Statistician
    - -James C. Vogelsang, Statistician
    - Greer S. Cowley, Statistician, from July 1987 to Oct. 1989
  - Neil R. Collignon, Statistician, from July 1987
  - Anne M. McGaughy, Statistician, from Dec. 1987 to Apr. 1989
  - John D. Ward, Statistician, from Jan. 1988 to May 1989
  - Scott Wright, Statistician, to Oct. 1989
  - James A. Liefer, Chief, Farm Economics Branch, from Oct. 1986
- John A. Blackledge, Chief, Farm Economics Branch, to June 1986
  - William R. Adams, Statistician, from April 1987 to July 1990
  - Donald F. Cheza, Statistician, from Dec. 1987
  - Joseph M. Miller, Statistician, to Aug. 1986, and from Aug. 1987
    - Irving W. Copeland, Statistician
  - Sandria C. Everett, Statistician, to June 1989
  - Douglas Hartwig, Statistician, from June 1988
  - Brian L. Lounsbury, Statistician, from Jan. 1987 to Aug. 1987

Douglas John Miller, Statistician, from June 1987 to Aug. 1989

- Scott Wright, Statistician, from Oct. 1989 to June 1990 Cynthia R. Pitts, Statistician, from June 1987 to July 1988
- James E. Patterson, Statistician, to Dec. 1987
- Donald R. Jahnke, Chief, Crop Statistics Branch ohn H. Barrett, Survey Statistician, to Sept. 1990لو
- Frank J. Shelton, Survey Statistician Hubert E. Sites, Statistician, to Nov. 1987 Cynthia R. Pitts, Statistician, to May 1987
- Carl N. McAllister, Statistician Roy J. Karkosh, Statistician, from Feb. 1988 Nancy L. Swaim, Statistician, from Aug. 1985

Herman C. Williams, Statistician, from Nov. 1988 Esther C. Darnell, Statistical Assistant

<sup>4</sup>Linda J. Hutton, Chief, Livestock Statistics Branch, from Apr. 1990 (position vacant from Jan. to Apr. 1990)

- Thomas D. Monroe, Chief, Livestock Statistics Branch, to Jan. 1990 William R. Adams, Statistician, to Apr. 1987
  - John A. Branch, Statistician

Albert W. Graybill, Statistician, to Dec. 1989

- Jerry D. Imel, Statistician ✓John F. Lee, Statistician
- Mark A. Meggs, Statistician, to Apr. 1988 Robert E. Miller, Statistician James L. Thomas, Statistician Joyce U. Paras, Statistician, to Feb. 1989 John D. Ward, Statistician, from May 1989
- L. Odell Larson, Assistant Chief, Outlying Areas and Special Surveys, from July 1988 (position vacant from March to July 1988)
- Carl J. Bostrom, Assistant Chief, Outlying Areas and Special Surveys (Special Surveys prior to Aug. 1987), from June 1986 to Mar. 1988 (position vacant from Jan. 1986 to June 1986)
- Kenneth R. Norell, Assistant Chief, Special Surveys, to Jan. 1986
  - John A. Blackledge, Chief, Special Surveys Branch, from June 1986
    - Christopher S. Barteau, Statistician, from Sept. 1986 to Sept. 1988
    - Michael S. Elson, Statistician, from May 1987 to May 1989
    - Sara L. Hamrick, Statistician, from March 1989
    - Cleo R. Jenkins, Statistician, from Oct. 1987 to May 1989
    - Jeannette K. Mon, Statistician, from July 1986
    - Joseph M. Miller, Statistician, from Aug. 1986 to Aug. 1987
    - Francis D. Tolson, Statistician, from Sept. 1987
  - David I. Peterson, Statistician, from Aug. 1987

Jody D. Roberts, Statistician, from June 1987 Dirk E. Van Dyke, Statistician, from Jan. 1989

- Kent C. Hoover, Chief, Outlying Areas Statistics Branch, from Mar. 1987
  - John C. Womack, Chief, Outlying Areas Statistics Branch, to Mar. 1987
  - Demosthenes Birbilis, Statistician, to Apr. 1990
  - Irma F. Harahush, Statistician, from Oct. 1987 Ronald D. Lewis, Statistician
  - Jeanette K. Mon, Statistician, to July 1986 Zulma Riberas, Statistician, from Oct. 1989

  - Aida Margarita Sole, Statistician, from June 1986 Gary Swenson, Statistician, from June 1986 to Mar. 1987
- Cynthia Z. F. Clark, Assistant Chief, Research and Methodology

Charles R. Perry, Chief, Program Research and Development Branch, from May 1990

- Jane Dea Sandusky, Acting Chief, Program Research and Development Branch, from Nov. 1989 to May 1990
  - D. Dean Prochaska, Chief, Program Research and Development Branch, to Nov. 1989
    - Melody M. Atkinson, Statistician
    - Susan C. Beverage, Mathematical Statistician, from June 1988 to Jan. 1990
  - William C. Davie, Mathematical Statistician
  - Bruce P. Hughes, Mathematical Statistician
  - James A. Joerger, Statistician
  - Emily Burton, Statistician, to Oct. 1987
  - Anne M. McGaughey, Mathematical Statistician, from Apr. 1987 to Nov. 1987, and from May 1989 to Feb. 1990
  - Donna R. Ruggles, Statistician, to Sept. 1987
  - Jane Dea Sandusky, Statistician
  - Karen E. Wright, Mathematical Statistician, from Aug. 1988
  - Elizabeth A. Vacca, Chief, Research and Methods Branch, from Oct. 1988
  - Ruth Ann Killion, Chief, Research and Methods Branch, from Jan. 1986 to Oct. 1987
  - Cynthia Z. F. Clark, Acting Chief, Research and Methods Branch, to Dec. 1985, and from Nov. 1987 to Sept. 1988
    - Nicholas S. Alberti, Mathematical Statistician, to Apr. 1987
    - Janice L. Ausby, Mathematical Statistician, to Feb. 1988
  - Scott M. Burroughs, Mathematical Statistician, from Jan. 1988
  - Inez Chen, Mathematical Statistician, from Jan. 1988 Pamela W. Ferrari, Mathematical Statistician, to July 1987
  - Mary C. Gatt, Mathematical Statistician, from Jan., 1986
  - Tommy W. Gaulden, Mathematical Statistician
  - Colleen Sullivan, Mathematical Statistician, from Aug. 1988
  - David V. Hornick, Mathematical Statistician, from Sept. 1988
  - Karen S. McKelvey, Mathematical Statistician, from May 1986
  - Dedrick L. Owens, Mathematical Statistician
  - Lisa Polgreen, Mathematical Statistician, to June 1987 Magdalena Ramos, Mathematical Statistician, from
  - Sept. 1987 Michael I. Ringwelski, Mathematical Statistician, from
  - Jan. 1988
  - Richard Schmehl, Mathematical Statistician, from Nov. 1988
  - Elizabeth A. Vacca, Mathematical Statistician, to Oct. 1988
  - Franklin Winters, Mathematical Statistician

#### **Budget Division**

This division performed budget functions that included the preparation of official budget estimates and justifications, and the allocation and control of funds.

#### Chief

Joseph P. Bellomo

#### **Computer Services Division**

This division operated and managed the Bureau's electronic computers and related auxiliary equipment; planned and performed associated coordination for data keying, scheduling for computer processing, staging, and tape library services; and provided user services, such as documentation, source program optimization, programming methodologies, and standards to facilitate the use of the Bureau's automated dataprocessing resources.

#### Chief

Marvin D. Raines, from Nov. 1988; Acting, from July to Nov. 1988

John E. Halterman, to July 1988

#### Staff

George M. Bowden, Assistant Chief, Administration, to Oct. 1989 (position abolished Oct. 1989; its functions were transferred to the Management and Administrative Systems Staff (which reported directly to the Division Chief) and Special Projects Staff (which reported to the Assistant Chief for Operations))

Gary H. Dickerson, Assistant Chief, Computer Analysis and Support

- Robert C. Schlie, Assistant Chief, Operations, from Apr. 1989
- Marvin D. Raines, Assistant Chief, Operations, from May 1987 to Apr. 1989 (position vacant from Jan. 1987 to May 1987)
- Willie E. Clark, Assistant Chief, Operations, to Dec. 1986

#### **Data Preparation Division**

Based on specifications and procedures provided by the subject-matter/program division, this division in Jeffersonville, IN, performed large-scale processing operations, such as questionnaire labeling, mailing-package assembly, report followup and check-in, editing and coding of returns, data capture, and clerical review and correction of computeridentified problems. It also generated necessary correspondence related to these operations.

#### Chief

Joseph S. Harris, from Feb. 1986 (Acting, from Dec. 1985 to Feb. 1986)

Patricia M. Clark, Acting, from Oct. 1985 to Dec. 1985 Don L. Adams, to Oct. 1985

Staff

Patricia M. Clark, Assistant Chief, Operations

- Plummer Alston, Jr., Assistant Chief, Administration, from July 1986
  - Jerry L. Hartman, Chief, Management and Procedures Branch
  - Juanita Jones, Chief, Statistical Methods and Quality Control Branch
  - William B. Neely, Chief, Data Systems Branch, from Dec. 1989
  - George E. Wilson, Chief, Data Systems Branch, to Dec. 1989
  - Jane L. Woods, Chief, Geography Branch, from Mar. 1989; Acting, from Jan. to Mar. 1989
  - Harold K. Wood, Chief, Geography Branch, from Aug. 1986 to Jan. 1989
  - Wendell McManus, Acting Chief, Geography Branch, from Oct. 1985 to Aug. 1986
  - J. Gary Doyle, Chief, Geography Branch, to Oct. 1985
  - Judith N. Petty, Chief, Census Processing Staff (Periodic Censuses and Related Surveys Branch prior to July 1989)

Carolyn Roseman, Chief, Support Services Staff, from Nov. 1988; Acting from Jan. to Nov. 1988

Kurt L. G. Legait, Chief, Support Services Staff, to Jan. 1988

Kurt L. G. Legait, Chief, Microfilm and Materials Services Branch, from Jan. 1988

#### **Data User Services Division**

This division, in cooperation with the Office of the Assistant Director for Economic and Agriculture Censuses, planned, coordinated, and administered a comprehensive data-dissemination and user-services program for these censuses; conducted seminars, workshops, and conferences; oversaw the Bureau's library operations; and prepared and produced user aids such as slides and video tapes, and reference materials such as this History.

#### Chief

Gerard C. lannelli, from Sept. 1986; Acting, from July 1986 to Sept. 1986

Don L. Adams, Acting, from Oct. 1985 to June 1986 Michael G. Garland, to Oct. 1985

- Marie Argana, Assistant Chief, User Services, from June 1987 (Acting Assistant Chief, from Oct. 1986 to June 1987)
- Marshall L. Turner, Assistant Chief, User Services, to Oct. 1986
- Alfonso E. Mirabal, Assistant Chief, Statistical Reports, from May 1989 (position vacant from Jan. 1987 to May 1989)
- Paul T. Zeisset, Assistant Chief, Statistical Reports, to Jan. 1987
  - Frederick G. Bohme, Chief, Census History Staff Michael A. Hovland, Agriculture Census Historian

Deborah Barrett, Chief, Customer Services Branch, from Sept. 1987; Acting from Dec. 1984 to Sept. 1987 Forrest B. Williams, Chief, Customer Services Branch, to Dec. 1984

- Larry W. Carbaugh, Chief, State and Regional Programs Staff
- Forrest B. Williams, Chief, Systems and Programming Staff, from Sept. 1987 (Acting Chief, from Dec. 1984 to Sept. 1987)
- John Kavaliunas, Chief, User Training Branch, from Nov. 1988
- Carmen A. Campbell, Acting Chief, User Training Branch, Mar. 1988 to Nov. 1988
- Deborah Barrett, Acting Chief, User Training Branch, from Sept. 1987 to Mar. 1988; Chief to Sept. 1987

#### **Decennial Planning Division**

This division provided overall direction for program planning and coordination of the decennial census; assigned functional responsibilities to divisions; developed program priorities, budget requirements, and time schedules; monitored and documented program and budget status. The division was responsible for liaison with other Bureau divisions for data needs and associated information and materials, and also with the Office of the Secretary (of Commerce), advisory committees, and other Federal, State, and local government agencies with regard to decennial census operations. The Decennial Planning Division had primary responsibility for supervising the 1990 Decennial Censuses in American Samoa and the Commonwealth of the Northern Mariana Islands, which included the 1990 Census of Agriculture for those areas. It coordinated all census activities in the areas, and cooperated with Agriculture Division in developing plans and materials for the agricultural enumeration.

#### Chief

Susan M. Miskura, Chief

#### Staff

Patricia A. Berman, Assistant Chief, Content and Products

- Lourdes N. Flaim, Chief, Puerto Rico and Outlying Areas Branch, from Mar. 1988
- Alfred J. Giglitto, Acting Chief, Puerto Rico and Outlying Areas Branch, Jan. 1987 to Jan. 1988
- George E. Hurn, Chief, Special Programs Branch, to Aug. 1987 (Branch renamed Puerto Rico and Outlying Areas Branch in Aug. 1987)

Thomas L. Ondra, Census Advisor, American Samoa, Nov. 1989 to October 1990

Carolyn R. Hay, Census Advisor, Northern Mariana Islands, Dec. 1989 to Sept. 1990

Paulette Lichtman-Panzer, Chief, Outlying Areas Section, from Sept. 1990

Janelle Fowler, Chief, Outlying Areas Section, Nov. 1988 to Sept. 1990

Irma F. Harahush, Chief, Outlying Areas Section, Nov. 1985 to Oct. 1987

Beulah S. Payne, Survey Statistician, Aug. 1986 to Apr. 1987

Nanette H. P. Sukla, Survey Statistician, July 1987 to Sept. 1988

Judy G. Belton, Survey Statistician, from Nov. 1987 Kimberly K. Giesbrecht, Survey Statistician, from Nov. 1987

#### **Economic Census Staff**

This staff coordinated and reviewed the planning, processing, and publication of the censuses; developed item schedules; and allocated census funds. The chief of this staff was the Assistant Director for Economic and Agriculture Censuses prior to July 1986 (see above).

#### Chief

Thomas L. Mesenbourg, from July 1986 Roger Bugenhagen, from Apr. 1986 to July 1986 John H. Berry, to Apr. 1986

#### Staff

Carole A. Ambler, Special Assistant, from Oct. 1987 Robert Marske, Special Assistant, from Dec. 1988 Beverly M. Eng, Special Assistant B. J. Fitzpatrick, Special Assistant, from Feb. 1990 Mark Grice, Special Assistant, to Aug. 1985 Conrad J. Jacob, Coordinator, to Jan. 1987 Paul A. Zeisset, Special Assistant, from Jan. 1987 Thea J. Scott, Fiscal Analyst, from July 1986 Stanley M. Hyman, Survey Statistician

#### **Economic Programming Division**

(Established Jan. 1987)

This division planned and developed systems and prepared computer programs for the processing of all economic and agriculture censuses on electronic data-processing equipment on a consolidated basis, and provided systemsdevelopment activities needed. Barry M. Cohen, from Jan. 1987

Staff

Robert G. Willner, Supervisory Computer Systems Analyst, from June 1990

David Onions, Chief, Computer Applications Research and Evaluation Branch, from Feb. 1988 to Apr. 1990 (position vacant from Oct. 1987 to Feb. 1988); Supervisory Computer Systems Analyst, from Jan. 1987 to Feb. 1988

Desmond J. Carron, Chief, Computer Applications Research and Evaluation Branch, from Jan. 1987 to Oct. 1987

- Barbara L. Lambert, Computer Programmer Analyst, from Jan. 1987 to June 1987
- John C. Leidich, Computer Programmer Analyst, from Jan. 1987 to Dec. 1989
- Sandra L. Nokovich, Computer Programmer Analyst, from Jan. 1987 to Aug. 1987
- Janice A. Ausby, Computer Programmer Analyst, from May 1988 to Aug. 1988
- Leonard S. Sammarco, Computer Systems Analyst, from Jan. 1987
- Rotha W. Cain, Computer Programmer Analyst, from Mar. 1988
- David A. Tabaska, Computer Programmer Analyst, from June 1989
- Sean G. Reed, Computer Programmer Analyst, from July 1990

John E. Adkins, Assistant Chief, Standard Statistical Establishment List and Agriculture Programs, from Jan. 1987

Sandra L. Nokovich, Chief, Agriculture Census Branch, from Feb. 1990

- Vickie L. Cotton, Chief, Agriculture Census Branch, from Aug. 1989 to Feb. 1990 (Supervisory Computer Systems Analyst, from May 1987 to Aug. 1989)
- Billy E. Stark, Chief, Agriculture Census Branch, from Jan. 1987 to Aug. 1989
  - Thaddeus S. Hess, Supervisory Computer Systems Analyst, from Jan. 1987 to Mar. 1990
  - Janet K. McGrane, Supervisory Computer Systems Analyst, from Jan. 1987 to Feb. 1990
  - Lisa B. Polgreen, Supervisory Computer Systems Analyst, from Oct. 1989
  - Dianne J. Simmons, Supervisory Computer Systems Analyst, from Jan. 1987 to Aug. 1989
  - Evelyn C. Proctor, Supervisory Computer Systems Analyst, from Oct. 1989 to Feb. 1990
  - Christina Arledge, Computer Programmer Analyst, from Apr. 1990
  - Janice A. Ausby, Computer Programmer Analyst, from Aug. 1988 to Jan. 1990
  - Mary L. Blackmon, Computer Programmer Analyst, from Feb. 1990
  - Hugh P. Watters, Computer Programmer Analyst, from Sept. 1990

- Henry B. Evans, Computer Programmer Analyst, from Feb. 1990
- Gilbert J. Flodine, Computer Programmer Analyst, from Sept. 1987
- Trinh Vo, Computer Programmer Analyst, from July 1990
- Clarence Hill, Computer Programmer Analyst, from Jan. 1987 to Feb. 1990
- Hoa T. N. Nguyen, Mathematical Statistician, from Dec. 1990
- Steven W. Laudrille, Computer Programmer Analyst, from Jan. 1987 to Feb. 1989
- Morris A. Murray, Computer Programmer Analyst, from Jan. 1987 to Oct. 1987
- Karen Hostetler, Computer Programmer Analyst, from Nov. 1988 to Apr. 1989
- Annette S. Phillips, Computer Programmer Analyst, from Nov. 1988 to Sept. 1989
- Evelyn Cabrera Proctor, Computer Programmer Analyst, from Jan. 1987 to Oct. 1989
- Wilma C. Tarry, Computer Programmer Analyst, from Jan. 1987
- Carole L. Williams, Computer Programmer Analyst, from May 1987 to Feb. 1990

Paul E. Poissant, Chief, Directory and Census Mailing List Branch, from Jan. 1987

- Mark I. Kronish, Supervisory Computer Systems Analyst, from Jan. 1987
- Susan Trefry Ploor, Supervisory Computer Systems Analyst, from Mar. 1987
- Raymond L. Abercrombie, Computer Programmer Analyst, from Jan. 1987
- Pilar A. Baden, Computer Programmer Analyst, from Dec. 1989
- John D. Bedwell, Computer Programmer Analyst, from Jan. 1987
- William E. Dyer, Jr., Computer Programmer Analyst, from May 1988
- Thaddeus S. Hess, Computer Systems Analyst, from Mar. 1990
- Steven W. Laudrille, Computer Programmer Analyst, from Mar. 1990
- Linda A. Raley, Computer Programmer Analyst, from Mar. 1988
- William M. Sandusky, Computer Programmer Analyst, from Jan. 1987
- James L. Kirk, Computer Systems Analyst, from Oct. 1987 to Dec. 1988
- Robert D. Thomson, Computer Systems Analyst, from Feb. 1990
- Edward F. Carr, Computer Programmer Analyst, from July 1990
- Martin S. Harahush, Chief, Special Censuses/Surveys Programming Branch, from Feb. 1990
- Sandra L. Nokovich, Chief, Special Censuses/Surveys Programming Branch, from July 1988 to Feb. 1990 (position vacant from Jan. to July 1988); Supervisory

Computer Systems Analyst, from Aug. 1987 to July 1988

Lowell T. Wrucke, Chief, Special Censuses/Surveys Programming Branch, from Jan. 1987 to Jan. 1988

- Mark A. Peitzmeier, Supervisory Systems Analyst, from Jan. 1987 to July 1987
- Donald K. Salzman, Supervisory Computer Systems Analyst, from Nov. 1988
- Janet K. McGrane, Supervisory Computer Systems Analyst, from Jan. 1987 to Feb. 1990
- Mary L. Blackmon, Computer Programmer Analyst, from Jan. 1987 to Feb. 1990
- Carol R. Blatt, Computer Programmer Analyst, from Feb. 1990
- Rotha W. Cain, Computer Programmer Analyst, from Oct. 1987 to Mar. 1988
- Deloris A. Cockrell, Computer Programmer Analyst, from Apr. 1990
- Linhchi Conghuyen, Computer Programmer Analyst, from Feb. 1990
- Henry B. Evans, Computer Programmer Analyst, from Nov. 1987 to Feb. 1990
- Mary R. Evans, Computer Programmer Analyst, from June 1987 to May 1988
- Llewellyn L. Forbes, Computer Programmer Analyst, from Oct. 1987
- Frank J. Frederick, Computer Programmer Analyst, from Apr. 1988
- Janet R. Phillips, Computer Programmer Analyst, from Feb. 1990
- Mark F. Mildorf, Computer Programmer Analyst, from Jan. 1987 to Mar. 1987
- Lisa B. Polgreen, Mathematical Statistician, from June 1987 to July 1988 (Computer Programmer Analyst, from July 1988 to Oct. 1989)
- Jeffrey S. Rosen, Computer Programmer Analyst, from Dec. 1988 to Feb. 1990
- Yolanda Santiago, Computer Programmer Analyst, from Jan. 1987 to Aug. 1988
- Sheryl T. Smoot, Computer Programmer Analyst, from June 1990
- Robert D. Thomson, Computer Programmer Analyst, from Nov. 1987 to Feb. 1990
- Hugh P. Watters, Computer Programmer Analyst, from Jan. 1987 to Jan. 1990
- John C. Leidich, Chief, Processing Automation and Control Branch, from Feb. 1990
- Martin S. Harahush, Chief, Processing Automation and Control Branch, from June 1987 to Feb. 1990 (position vacant from Mar. 1987 to June 1987)
- Kent C. Hoover, Chief, Processing Automation and Control Branch, from Jan. 1987 to Mar. 1987
  - Christine L. Ford, Supervisory Computer Systems Analyst, from Jan. 1990
  - Linda J. Hutton, Supervisory Computer Systems Analyst, from Jan. 1987 to Feb. 1987
  - Brian J. Lounsbury, Supervisory Computer Systems Analyst, from Aug. 1987 to Feb. 1990

James E. Thomas, Supervisory Computer Systems Analyst, from Jan. 1987 Carol R. Blatt, Computer Programmer Analyst, from Dec. 1987 to Feb. 1990 Henry B. Evans, Computer Programmer Analyst, from Jan. to Nov. 1987 Linhchi Conghuyen, Computer Programmer Analyst, from Nov. 1988 to Feb. 1990 Duc-Mong Nguyen, Computer Programmer Analyst, from Dec. 1989 Janet R. Phillips, Computer Programmer Analyst, from Dec. 1989 to Feb. 1990 Jeffrey S. Rosen, Computer Programmer Analyst, from Jan. 1987 to Dec. 1988 Beverly B. Fransen, Computer Programmer, from Jan. to Feb. 1987 Cecelia B. Whitaker, Operations Specialist, from Dec. 1987 to Feb. 1990

#### **Field Division**

This division collected and edited questionnaires used in the agriculture census of Puerto Rico. (The New York regional office processed the payrolls for the Puerto Rico censuses.) In addition, through information services specialists in the regional offices, the division assisted data users in using statistical data from all of the censuses.

#### Chief

Stanley D. Matchett

Staff

- Susan A. Lavin, Assistant Chief, Surveys, from July 1987 (position vacant from Jan. 1987 to July 1987)
- Richard L. Bitzer, Assistant Chief, Surveys, to Jan. 1987
- Richard F. Blass, Assistant Chief, Methods, Research, and Evaluation (Research and Methodology prior to Oct. 1986)
  - Mary Ellen Beach, Chief, Methods and Performance Evaluation Branch (Field Methods Research Branch prior to Oct. 1986)
- Karl K. Kindel, Assistant Chief, Automation Technology, to Jan. 1988
- John W. Marshall, Assistant Chief, Management
  - Joe Cortez, Chief, Census Awareness and Products Staff, from July 1989 (position vacant from May to July 1989)
  - Alfonso Mirabal, Chief, Census Awareness and Products Staff, from Nov. 1986 to May 1989
  - Susan B. Hardy II, Chief, Census Awareness and Products Staff, to Sept. 1986 (Information Services Branch

prior to Oct. 1986; position vacant from Sept. 1986 to Nov. 1986)

Michael J. Weiler, Chief, Information Services Branch, to June 1985

Regional Offices (The directors of these offices were responsible directly to the chief of the Field Division)

ATLANTA, GA.

#### Director

James F. Holmes, from June 1985 Susan A. Lavin, Acting, to June 1985

Staff

Michael D. Garner, Assistant Director, from Oct. 1987 (position vacant from July 1987 to Oct. 1987) Susan A. Lavin, Assistant Director, to July 1987 Hector Feliciano, Area Manager, Puerto Rico, from Oct. 1987 to Sep. 1988

#### BOSTON, MA

#### Director

Arthur G. Dukakis

Staff

Kathleen N. Ludgate, Assistant Director, from Jan. 1988 Leo J. Kearns, Assistant Director, to Jan. 1988

CHARLOTTE, NC

#### Director

William F. Hill, from June 1986 John E. Bell, Acting, from Feb. 1986 to June 1986 Joseph Harris, to Dec. 1985 (position vacant from Dec. 1985 to Feb. 1986)

#### Staff

E. Wilson Burdorf, Assistant Director, from Dec. 1988 Larry Arnold, Assistant Director, from Aug. 1986 to Dec. 1988

John E. Bell, Assistant Director, to June 1986 (position vacant from June 1986 to Aug. 1986)

CHICAGO, IL

#### Director

Stanley D. Moore

Staff

James L. Johnson, Assistant Director

#### Director

John E. Bell, from Feb. 1987 John E. Reeder, Jr., to Feb. 1987

#### Staff

Willie R. Franklin, Assistant Director, from Oct. 1987 (position vacant from Feb. 1987 to Oct. 1987)
John E. Bell, Assistant Director, from June 1986 to Feb. 1987 (position vacant from Dec. 1985 to June 1986)
Bennie Daniels, Assistant Director, to Dec. 1985

#### DENVER, CO

#### Director

William F. Adams

Staff

Kenneth Ellwanger, Assistant Director, from Nov. 1988 Dean Schroeder, Assistant Director, to Nov. 1988

#### DETROIT, MI

#### Director

Dwight P. Dean, from Aug. 1987; Acting, from Feb. 1987 to Aug. 1987 Robert G. McWilliam, to Feb. 1987

#### Staff

Jonathan J. Spendlove, Assistant Director, from Sept. 1987 (position vacant from July to Sept. 1987) Robert J. Peterson, Assistant Director, to July 1987

KANSAS CITY, KS

#### Director

Marvin L. Postma

Staff

Bettie J. Bryant, Assistant Director, from Mar. 1987 (position vacant from Aug. 1986 to Mar. 1987) Stephen A. Mann, Assistant Director, to Aug. 1986

#### LOS ANGELES, CA

#### Director

John E. Reeder, from Oct. 1987; Acting, from Feb. 1987 to Oct. 1987 (position vacant from Aug. 1986 to Feb. 1987) Francis W. White, Jr., to Aug. 1986

#### Staff

Michael J. Flanagan, Assistant Director, from Dec. 1987 (position vacant from Oct. 1987 to Dec. 1987) Michael J. Weiler, Assistant Director, to Oct. 1987

NEW YORK, NY

#### Director

Sheila Goehringer Grimm, from Nov. 1986 (position vacant from June 1986 to Nov. 1986) William F. Hill, to June 1986

#### Staff

Michael Longini, Assistant Director, from Feb. 1987 Sheila Goehringer, Assistant Director, to Nov. 1986

PHILADELPHIA, PA

#### Director

LaVerne V. Collins

#### Staff

Harold Hayes, Assistant Director, from Dec. 1986 (position vacant from Aug. 1986 to Dec. 1986) Larry Arnold, Assistant Director, to Aug. 1986

#### SEATTLE, WA

#### Director

Leo C. Schilling

Staff

Dannie L. Martin, Assistant Director

#### **Finance Division**

(Established as a division in Jan. 1987.)

This division performed financial analysis, maintained financial accounts, coordinated payroll and leave audits, and prepared financial reports.

#### Chief

James D. Lincoln, from Jan. 1987

#### **Organization and Management Systems Division**

This division planned and conducted management analysis and support functions, including organizational improvement studies, maintenance and control of the Bureau's integrated administrative data base, systems designs and inspection, and other management analysis and research.

#### Chief

Michael S. McKay

#### **Personnel Division**

This division provided personnel management services, which included position classification and pay administration, recruitment and employment, employee relations and services, and related personnel operations.

#### Chief

David P. Warner

Staff

Colleen Woodard, Assistant Chief, from Oct. 1985

#### **Publications Services Division**

(Merged with Administrative Services Division in Feb. 1990; unless otherwise noted, personnel continued in positions listed after divisions merged.)

This division supplied art, editorial, copy preparation, and printing coordination services for census questionnaires and publications.

#### Chief

- Walter C. Odom, Jr., to Feb. 1990
  - Wayne H. Massey, Special Assistant to the Chief, to Feb. 1990

#### Staff

Everett L. Dove, Chief, Printing Branch, from Jan. 1986 to Feb. 1990

Sarajane Goodwin, Robert Warunek, Everett L. Dove, Alice L. Corbett, and Steven Shifler alternately served as Acting Chief, Printing Branch, from Jan. 1985 to Dec. 1985

- Helen B. Burnett, Chief, Printing Procurement Section, from May 1987 to Feb. 1990
- Jean E. Walker, Chief, Printing Procurement Section, to May 1987

Arlene Duckett, Printing Specialist

Gerald A. Mann, Chief, Publications Planning and Graphics Branch, to Feb. 1990

Larry D. Tackett, Chief, Recurring Publications Section, to Feb. 1990

Gloria T. Davis, Chief, Composition Unit, to Feb. 1990 David M. Coontz, Chief, Electronic Graphics Section, from Aug. 1987 to Feb. 1990

- Nicholas A. Preftakes, Chief, Creative Design Staff, to Feb. 1990 (Design and Graphics Section Prior to Aug. 1987)
- John T. Overby, Chief, Census Publications Section, to Feb. 1990

Helen M. Curtis, Composition Supervisor, to Oct. 1986 (position abolished Oct. 1986)

Debeorah L. Callison, Editor

Christine R. Nelson, Editor

#### **Statistical Research Division**

This division developed and evaluated statistical and other quantitative methods for use in the Bureau's programs; ensured that these methods were theoretically and operationally sound; furnished research information and consultative support; and conducted evaluation and research studies to provide statistical measures of the error in census data and to assess whether census procedures and methodologies could be improved in terms of accuracy, timeliness, and cost.

#### Chief

Robert D. Tortora, from Feb. 1990 Lawrence Ernst and Nash J. Monsour alternated monthly as Acting Chief from Aug. 1988 to Feb. 1990 Kirk M. Wolter, to Aug. 1988

#### Staff

Lawrence Ernst, Assistant Chief, Mathematics and Statistical Data Analysis, from Apr. 1987 (position vacant from July 1986 to Apr. 1987)

Brian Greenberg, Principal Researcher

Laura Zayatz, Mathematical Statistician, from Jan. 1989

#### **Systems Support Division**

This division planned and provided the activities required to maintain the Bureau's computers, communication facilities, and auxiliary hardware at required levels of operating effectiveness; and developed, modified, and maintained operational support software at performance levels necessary to process data and meet other Bureau objectives.

#### Chief

Arnold E. Levin

John Jerry Bell, Assistant Chief, User Support Robert Munsey, Assistant Chief, Software Support

#### **Technical Services Division**

This division planned and performed engineering services, including research, development, and maintenance,

to provide and support electromechanical and electronic equipment required for automated document handling and data capture; and devised solutions to datacommunication problems.

#### Chief

C. Thomas DiNenna

### Appendix D. Publications in Selected Series

The Census Bureau published an advance report for each county or equivalent with 10 or more farms during the census period, for each State and for the United States. Each report consisted of two pages with a short explanatory text giving reference information, the farm definition and symbols used in the table, and a table of summary data on farms, land in farms, and selected items (e.g., livestock and poultry, selected crops harvested, and so on). The advance reports were released in printed volumes (sold only in State sets), on computer tape and flexible diskette, and through private vendors DIALOG and CompuServe on CENDATA<sup>TM</sup>, the Bureau's online computer access system, and the AgriData Network.

The Volume 1, *Geographic Area Series*, AC87-A, reports were published for the United States, each State, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Northern Mariana Islands. Each report contained detailed data tabulations for each county and county equivalent, and for the State or area. The Census Bureau issued the volume 1 reports in printed publications, on computer tape, online (highlights only) and in compact disc-read only memory (CD-ROM) format. (The reports for Puerto Rico,

Guam, the U.S. Virgin Islands, American Samoa and the Northern Marianas were released only in printed form, with highlights online.) The Volume 2, Subject Series, AC87-S, consisted of five reports-the Agricultural Atlas of the United States and the History were released only in printed reports; the Ranking of States and Counties also was a printed report, with highlights available online; and Government Payments and Market Value of Agricultural Products Sold and ZIP Code Tabulations of Selected Items were released in printed publications and on flexible diskette, with highlights online. Volume 3, Related Surveys, series AC87-RS, included two printed reports, Part 1, Farm and Ranch Irrigation Survey (1988), and 2, the Agricultural Economics and Land Ownership Survey (1988), with the data from each survey also available on flexible diskette and with highlights online. Volume 4, Census of Horticultural Specialties (1988), series AC87-HOR-1, consisted of a single printed report, with tabulations available on flexible diskette, and with highlights released online. All the volume 2, 3, and 4 publications available on flexible diskettes also were included on a separate CD-ROM.

#### **PRINTED REPORTS**

#### Advance Reports, Series AC87-A(A)

State sets	Report No. (AC87-A)	No. of reports	Price	Approved for print	Published
Alabama	-01(A)	68	\$7.00	03/09/89	03/31/89
Alaska	-02(A)	5	1.50	05/01/89	05/18/89
Arizona	-04(A)	15	2.00	04/11/89	05/10/89
Arkansas	-05(A)	76	8.00	03/03/89	03/29/89
California	-06(A)	57	6.00	04/17/89	05/05/89
Colorado	-08(A)	60	6.50	03/14/89	04/07/89
Connecticut	-09(A)	9	2.00	11/14/88	12/09/88
Delaware	-10(A)	4	1.25	09/19/88	10/17/88
Florida	-12(A)	66	7.00	05/17/89	06/20/89
Georgia	-13(A)	160	16.00	04/20/89	05/22/89
Hawaii	-15(A)	5	1.50	05/30/89	06/16/89
Idaho	-16(A)	45	5.00	03/13/89	03/31/89
Illinois	-17(A)	103	11.00	01/10/89	01/31/89
Indiana	-18(A)	93	9.50	02/09/89	03/01/89
Iowa	-19(A)	100	10.00	04/27/89	05/23/89
Kansas	-20(A)	106	11.00	03/08/89	03/31/89
Kentucky	-21(A)	121	13.00	03/09/89	04/04/89
Louisiana	-22(A)	64	6.50	04/14/89	05/11/89
Maine	-23(A)	17	2.50	11/14/88	12/09/88
Maryland	-24(A)	24	3.00	10/07/88	11/04/88

#### PRINTED REPORTS-Con.

Geographic Area	Report No. (AC87-A)	Pages	Price	Approved for print	Published
Massachusetts	-25(A)	14	2.25	12/01/88	01/03/89
Michigan	-26(A)	82	8.50	02/27/89	03/21/89
Minnesota	-27(A)	87	9.00	05/01/89	05/22/89
Mississippi	-28(A)	83	8.50	04/12/89	05/11/89
Missouri	-29(A)	115	12.00	03/02/89	03/29/89
Montana	-30(A)	57	6.00	03/13/89	04/07/89
Nebraska	-31(A)	94	9.50	05/08/89	06/07/89
Nevada	-32(A)	17	2.50	02/10/89	03/02/89
New Hampshire	-33(A)	11	2.00	11/14/88	12/09/88
New Jersey	-34(A)	22	3.00	04/24/89	05/16/89
New Mexico	-35(A)	32	4.00	03/13/89	04/03/89
New York	-36(A)	58	6.00	02/28/89	03/21/89
North Carolina	-37(A)	100	10.00	04/19/89	05/16/89
North Dakota	-38(A)	54	5.50	01/17/89	02/13/89
Ohio	-39(A)	89	9.00	01/17/89	02/15/89
Oklahoma	-40(A)	78	8.00	04/19/89	05/12/89
Oregon	-41(A)	37	4.25	01/06/89	01/25/89
Pennsylvania	-42(A)	68	7.00	12/20/88	01/10/89
Rhode Island	-44(A)	6	1.50	10/25/88	11/18/88
South Carolina	-45(A)	47	5.00	04/18/89	05/11/89
South Dakota	-46(A)	68	7.00	04/18/89	05/11/89
Tennessee	-47(A)	96	9.50	05/08/89	06/07/89
Texas	-48(A)	255	24.00	05/09/89	06/07/89
Utah	-49(A)	30	3.50	02/10/89	03/02/89
Vermont	-50(A)	15	2.25	11/14/88	12/09/88
Virginia	-51(A)	98	10.00	04/03/89	05/05/89
Washington	-53(A)	40	4.50	02/10/89	03/02/89
West Virginia	-54(A)	55	6.00	02/01/89	02/15/89
Wisconsin	-55(A)	72	7.50	01/17/89	02/13/89
Wyoming	-56(A)	24	3.00	02/09/89	03/02/89
United States	-00(A)	1	1.00	11/16/89	12/07/89

#### Volume 1, Geographic Area Series, Series AC87-A

Geographic Area	Report No. (AC87-A)	Pages	Price	Approved for print	Published
Alabama	-1	436	\$20.00	07/25/89	08/15/89
Alaska	-2	104	4.75	08/08/89	08/29/89
Arizona	-3	244	11.00	06/22/89	07/14/89
Arkansas	-4	456	21.00	07/24/89	08/16/89
California	-5	424	19.00	05/25/89	06/16/89
Colorado	-6	396	18.00	06/08/89	06/29/89
Connecticut	-7	244	11.00	03/28/89	04/13/89
Delaware	-8	224	11.00	01/25/89	02/23/89
Florida	-9	436	20.00	07/18/89	08/03/89
Georgia	-10	704	29.00	07/26/89	08/15/89
Hawaii	-11	204	10.00	08/23/89	08/29/89
Idaho	-12	344	16.00	06/29/89	07/24/89
Illinois	-13	524	24.00	04/14/89	05/05/89
Indiana	-14	524	24.00	05/26/89	06/16/89

#### Volume 1, Geographic Area Series, Series AC87-A-Con.

Geographic	Report No.			Approved	
Area	(AC87-A)	Pages	Price	for print	Published
lowa	-15	516	23.00	06/05/89	06/21/89
Kansas	-16	544	24.00	06/06/89	06/21/89
Kentucky	-17	596	27.00	07/26/89	08/08/89
Louisiana	-18	396	18.00	07/20/89	08/08/89
Maine	-19	276	13.00	04/05/89	05/11/89
Maryland	-20	284	13.00	02/22/89	03/13/89
Massachusetts	-21	244	11.00	03/21/89	03/31/89
Michigan	-22	484	22.00	05/30/89	06/16/89
Minnesota	-23	496	22.00	06/27/89	07/20/89
Mississippi	-24	476	22.00	07/21/89	08/16/89
MIssouri	-25	324	26.00	06/09/89	06/29/89
Montana	-26	396	18.00	06/30/89	07/24/89
Nebraska	-27	264	23.00	06/23/89	07/14/89
Nevada	-28	264	12.00	06/22/89	07/10/89
New Hampshire	-29	244	11.00	03/20/89	03/31/89
New Jersey	-30	284	13.00	07/26/89	08/18/89
New Mexico	-31	324	15.00	07/06/89	07/27/89
New York	-32	424	19.00	07/19/89	08/07/89
North Carolina	-33	536	24.00	07/18/89	08/02/89
North Dakota	-34	396	18.00	06/22/89	07/10/89
Ohio	-35	522	23.00	04/19/89	05/05/89
Oklahoma	-36	476	22.00	07/21/89	08/08/89
Oregon	-37	336	16.00	04/17/89	05/05/89
Pennsylvania	-38	444	20.00	04/19/89	05/08/89
Rhode Island	-39	216	10.00	03/28/89	04/13/89
South Carolina	-40	356	16.00	07/26/89	08/15/89
South Dakota	-41	416	19.00	06/14/89	07/03/89
Tennessee	-42	504	23.00	07/25/89	08/08/89
Texas	-43	1,024	31.00	07/28/89	08/16/89
Utah	-44	296	14.00	06/13/89	06/29/89
Vermont	-45	244	11.00	03/24/89	04/13/89
Virginia	-46	524	24.00	07/25/89	08/08/89
Washington	-47	344	16.00	06/06/89	06/21/89
West Virginia	-48	364	17.00	04/18/89	05/05/89
Wisconsin	-49	456	21.00	03/14/89	03/29/89
Wyoming	-50	264	12.00	06/16/89	07/07/89
United States	-51	464	21.00	11/16/89	12/07/89
Puerto Rico	-52	276	13.00	08/09/89	08/29/89
Guam	-53	64	3.00	03/09/89	04/03/89
Virgin Islands	-54	64	3.00	05/12/89	05/31/89
American Samoa	-55	68	3.50	02/12/91	03/06/91
Northern Mariana Islands	-56	56	3.00	12/19/90	01/14/91

#### Volume 2, *Subject Series*, AC87-S

	, <b>,</b>			
Part	Title	Price	Approved for print	Published
1	<i>Agricultural Atlas of the United States,</i> AC87-S-1	11.00	08/10/90	10/11/90
2	Coverage Evaluation, AC87-S-2	3.25	08/10/90	08/29/90
3	Ranking of States and Counties, AC87-S-3	7.00	09/27/90	10/17/90

#### Volume 2, Subject Series, AC87-S—Con.

Volume 2, Subject Series, AC87-S—Con.					
Part	Title	Price	Approved for print	Published	
4	History, AC87-S-4	11.00	09/23/92	10/15/92	
5	Government Payments and Market Value of Agricultural Products Sold, AC87-S-5	28.00	10/12/90	11/08/90	
6	ZIP Code Tabulations of Selected Items, AC87-S-6	31.00	07/13/90	08/23/90	
Volun	ne 3, <i>Related Surveys</i> , Series AC87-RS				
1	Farm and Ranch Irrigation Survey (1988), AC87-RS-1	5.00	05/23/90	06/18/90	
2	Agricultural Economics and Land Ownership Survey (1988), AC87-RS-2	11.00	08/07/90	08/31/90	
Volume 4, <i>Census of Horticultural Specialties (1988)</i> , Series AC87-HOR-1					
Title					
Censu	s of Horticultural Specialties (1988)	10.00	08/19/91	10/08/91	

## Appendix E. Chronology of Major Activities

	Began	Completed
1985 CONTENT PRETEST		
Preview mailout	12/85	12/85
Initial mailout	12/85	12/85
Reminder card mailout	01/86	01/86
1st followup	02/86	02/86
2nd followup	03/86	03/86
3rd followup	04/86	04/86
Field interview followup	05/86	05/86
Telephone interview followup	05/86	05/86
Data entry	02/86	04/86
1986 SHORT FORM PRETEST		
Mailout	12/86	12/86
Telephone interviews	01/87	. 01/87
ADDRESS LIST COMPILATION		
Preliminary source list	10/86	04/87
Final source list	07/87	11/87
1987 CENSUS OF AGRICULTURE OF TH	E UNITED STATES	
Printing of report forms	01/87	02/88
Delivery of report forms	06/87	02/88
Addressing report forms	10/87	12/87
Initial mailout	12/87	12/87
Thank you/reminder card	01/88	01/88
1st followup—report form	02/88	02/88
2nd followup—letter	03/88	03/88
3rd followup—report form	04/88	04/88
4th followup-letter	05/88	05/88
5th followup—report form	06/88	06/88
Telephone followup	01/88	09/88
Citrus caretaker enumeration	05/87	11/87
Precomputer data processing		
Receipt and check-in	01/88	09/88
Correspondence	01/88	08/88
Interactive search	01/88	09/88
Data entry	01/88	09/88
Computer processing		
Formatting and simple edit	01/88	09/88
Complex edit and edit correction	01/88	11/88
Imputation for nonresponse	05/88	02/89
Data tabulation		
Analytical tabulations	06/88	02/89
Advance tabulations	08/88	12/89
Final tabulations for all geographic areas		01/90

#### 1987 CENSUS OF AGRICULTURE OF THE UNITED STATES-Con.

Publication program		
Advance reports	09/88	12/89
Volume 1, <i>Geographic Area Series</i>	01/89	12/89
Volume 2, Subject Series	07/90	03/92
Volume 3, Related Surveys	05/90	08/90
1987 COVERAGE EVALUATION		
Receive USDA 1987 June Enumerative Survey (JES) Data	09/87	09/87
Develop and implement linkage system	06/87	09/87
Develop coverage evaluation report form	01/87	09/87
Mailout and mail followup	03/88	07/88
Telephone followup	06/88	10/88
Edit and review coverage records	04/88	01/89
Coverage estimation	12/88	01/90
Produce Volume 1 publication tables	12/88	09/89
Publish Volume 2, Part 2, <i>1987 Coverage Evaluation</i>	08/90	08/90
1987 CENSUS OF AGRICULTURE IN PUERTO RIC	0	
Design report forms	11/85	08/87
5 I	10/87	08/8/
Print report forms Prepare special farms list	06/87	12/87
Memorandum of agreement with the Commonwealth		09/86
Government		
Prepare training and enumeration materials	08/86	04/87
Establish census office in Puerto Rico	01/88	01/88
Mailout to special farms	06/88	06/88
Recruit enumerators	04/88	07/88
Train enumerators	07/88	07/88
Field enumeration	07/88	10/88
Close census office	10/88	10/88
Data processing	07/88	05/89
Tabulation	03/89	06/89
Publication	08/89	08/89
1987 CENSUS OF AGRICULTURE IN GUAM		
Develop report form	06/86	06/87
Memorandum of agreement with the Territorial Government	07/86	04/87
Prepare training and enumeration materials	10/86	01/88
Prepare farm operator list	12/87	12/87
Establish census office	02/88	02/88
Recruit census staff	02/88	02/88
Training	02/88	02/88
Enumeration	02/88	04/88
Receipt and check-in	02/88	04/88
Data processing	04/88	10/88
Tabulation	11/88	01/89
Publication	03/89	03/89

### 1987 CENSUS OF AGRICULTURE IN THE U.S. VIRGIN ISLANDS

Develop report form	11/85	11/87
Memorandum of agreement with the Territorial Government	11/86	12/87
Prepare training and enumeration materials	06/86	04/88
Prepare list of farm operators	04/88	04/88
Establish census office	05/88	05/88
Recruit census staff	06/88	06/88
Training	06/88	07/88
Enumeration	07/88	08/88
Receipt and check-in	09/88	09/88
Data processing	09/88	01/89
Tabulat ion	12/88	04/89
Publication	05/89	05/89

### 1990 CENSUS OF AGRICULTURE IN AMERICAN SAMOA AND THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS

Develop report form	04/89	08/89
Memorandums of agreement with the local governments	12/89	12/89
Prepare training and enumeration materials	04/89	04/90
Establish census office	01/90	01/90
Recruit census staff	01/90	03/90
Training	03/90	03/90
Enumeration	04/90	08/90
Receipt and check-in	08/90	09/90
Data processing	08/90	11/90
Tabulation	10/90	01/91
Publication	12/90	03/91

### **1988 CENSUS OF HORTICULTURAL SPECIALTIES**

Mail pretest	07/87	10/87
Design report forms	01/87	07/88
Print report forms	11/88	01/89
Mail list compilation	12/88	01/89
NASS data collection	02/89	04/89
Initial census mailout	03/89	03/89
Thank you/reminder card	03/89	03/89
1st followup	04/89	04/89
2nd followup	05/89	05/89
3rd followup	05/89	05/89
4th followup	06/89	06/89
Census "adds" mailout	07/89	07/89
"Adds" mail followup	08/89	08/89
Data processing	12/90	05/91
Tabulation	05/91	08/91
Publication	08/91	09/91

#### **1988 FARM AND RANCH IRRIGATION SURVEY**

Design report forms	12/87	04/88
Print report forms	10/88	12/88
Mail list compilation	12/88	12/88
Initial mailout	01/89	01/89

Began

Completed

### 1988 FARM AND RANCH IRRIGATION SURVEY-Con.

1st followup	02/89	02/89
2nd followup	03/89	03/89
3rd followup	04/89	04/89
4th followup	05/89	05/89
Telephone followup	05/89	06/89
Data processing	02/89	06/89
Tabulation	07/89	04/90
Publication	05/90	06/90

### 1988 AGRICULTURAL ECONOMICS AND LAND OWNERSHIP SURVEY

Design report forms	12/87	06/88
Print report forms	09/88	10/88
Mail list compilation	12/88	01/89
Pretest	09/88	09/88
Initial mailout (operators)	01/89	01/89
Mail followup (operators)	01/89	05/89
Initial mailout (landlords: Waves 1-4)	03/89	07/89
Mail followup (landlords: Waves 1-4)	04/89	08/89
Data processing	02/89	09/89
Tabulation	09/89	07/90
Publication	08/90	08/90

# APPENDIX F. Report Forms

### CHANGES IN THE STANDARD REPORT FORMS

### **Background Information**

Final authority for the design and content of all census data collection forms is vested in the Secretary of Commerce, who usually delegates this task to the Director of the Bureau of the Census. The Census Bureau routinely solicits comments and recommendations on the report forms from interested organizations and agencies, including the U.S. Department of Agriculture and the Bureau of Economic Analysis. The Bureau's own advisory committee on agriculture statistics reviews the suggestions, comments, and data requests submitted, and makes its own recommendations on the priorities to be assigned to various items for inclusion in the final report forms. (See ch. 2.)

### 1987 Census of Agriculture Report Forms

General design-The 1987 report form design was essentially the same as for 1982. The 1982 census reintroduced regionalized census report forms, identifying 12 geographic regions of the 50 States. Florida, Hawaii, and Texas each constituted a separate region. For the 1987 census, these States plus Alaska each were designated separate regions. The "regionalized report forms" used identical formats, but employed tailored items to list crops (sections 2 through 8) and livestock (section 15) common to the specific region covered by each version of the form. For example, section 2 ("Were any of the following CROPS harvested from 'THIS PLACE' in 1987?") of the form 87-A0203 (Michigan, Wisconsin, and Minnesota), and of form 87-A0205 (for Florida) requested acres and quantity harvested, and acres-irrigated data for the following crops, in the expected order of importance of each crop within the report form reaion:

#### Form 87-A0203 Form 87-A0205 Corn (field) for grain or Corn (field) for grain or seed seéd Corn (field) for silage or Corn (field) for silage or green chop green chop Wheat for grain Soybeans for beans (including durum) Oats for grain Sugarcane for sugar Barley for grain Sugarcane for seed Rye for grain Peanuts for dry nuts Sovbeans for beans Wheat for grain Beans, dry edible Oats for grain

Form 87-A0203 Sunflower seed Flaxseed Sugar beets for sugar Tobacco—all types Potatoes, Irish Form 87-A0205

Rye for grain Cotton Tobacco---all types Potatoes, Irish Sweetpotatoes and yams

Similarly, section 6 ("Were any STRAWBERRIES, CRAN-BERRIES, or OTHER BERRIES harvested FOR SALE from 'THIS PLACE' in 1987?") of the forms 87-A0201 (New England and the Middle Atlantic States) and 87-A0210 (Washington, Oregon, and Idaho) asked for total acres, acres harvested, and acres irrigated for berry crops. However, the form A0201 prelisted strawberries in the data table, with other crops and their codes listed for the respondent to write in as needed. The A0210 had no crops prelisted. The different crops included on the write-in lists in section 6 of the respective forms were as follows:

#### Form 87-A0201 Form 87-A0210

Blackberries and dew-Blackberries and dewberries berries Blueberries, tame Blueberries, tame **Boysenberries** Blueberries, wild Cranberries Cranberries Raspberries Currants Other berries Loganberries Raspberries Strawberries Other berries

The census used sample and nonsample versions of each regionalized questionnaire (except for Alaska and Hawaii, where only sample forms were used); the sample versions included items asked of only a sample of respondents. The sample version of each regionalized form was further subdivided into "must" and "sample nonmust" forms, though there were no content variations between them.)

The nonsample form had four pages printed on a large sheet of white stock,  $14" \ge 20 1/2"$ , folded to  $14" \ge 10 1/4"$ . The sample version, used for "must" and "certainty" cases as well, was  $14" \ge 26"$  overall, with six pages, folded to  $14" \ge 10 1/4"$ . (The additional pages on the sample form were two numbered half-pages,  $14" \ge 5 1/2"$ .) The sample questionnaire contained all the sections on the nonsample form, plus six additional sections requesting data on production expenses; use of commercial fertilizer, rock phosphate, or lime; use of insecticides, herbicides,

fungicides, nematicides, other pesticides, or other chemicals; machinery and equipment; estimated current market value of land and buildings; and income from farm-related sources in 1987.

The Bureau sent form 87-A0400 "short" report forms to over 900.000 addresses on the final census mail list. where their farm status was uncertain, while the remaining 3.2 million addresses constituted the mail universe for the standard report forms. Approximately 75 percent of these addresses received nonsample report forms, which asked for basic data on inventory, production, sales, and operator characteristics. Sample forms went to all addresses in Hawaii and Alaska, all "must" cases, and to a random sample of all the other addresses that were not sent the A0400 form. (See ch. 5 for details on the census mailout.)

The questionnaires were assigned form numbers by type of form (i.e., nonsample, sample-nonmust, and "must") and by geographic region. The nonsample questionnaires were forms 87-A0101 through -A0111, the sample-nonmust forms 87-A0201 through -A0213 (operators in Hawaii and Alaska received forms 87-A0212 or -A0213 respectively), while "must" cases were sent forms 87-A0301 through -A0311, as appropriate.

Changes in the data requested-The overall data content of the 1987 census report forms was similar to that of the 1982 census-the bulk of the data collected on agricultural operations naturally concerned number of farms, land in farms, production, and inventory. However, specific data requirements and priorities changed, and the census report forms were adjusted to reflect these. The principal changes to the "all farms" sections of the report forms for the 1987 enumeration were as follows:

Section 1. ACREAGE	Item on "acres in this place"
IN 1987	altered to emphasize "THIS PLACE." Item on land diverted to Federal commodity produc- tion reduction programs was moved to section 12.
Section 9. GROSS VALUE of CROPS SOLD from "THIS PLACE," in 1987 BEFORE taxes and expenses	"Barley" was added as a sepa- rate item.
Section 10. How were the ACRES in this place USED in 1987?	New title for land use section.
Section 11. Was any LAND in this place IRRIGATED at any time in 1987?	Item on source of water used for irrigation deleted.

Section 12. (NEW) Were any ACRES in this place SET ASIDE. DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?

Section 16. Did you or anvone else have anv HORSES, BEES, FISH, GOATS, OTHER LIVE-STOCK, OR ANIMAL SPECIALTIES on this place in 1987?

Section 18. GOVERN-MENT CCC LOANS

Section 19. (NEW) Payments received for participation in FED-ERAL FARM PRO-GRAMS in 1987 (DO NOT INCLUDE CCC loans.)

Requested acres set aside under annual commodity acreage adjustment programs and acres under the Conservation Reserve Program.

Items on worms and chinchillas were deleted.

Items on amount received in 1987 Commodity Control Corporation (CCC) loans for corn and soybeans were requested as separate items.

An item was added asking amount received in cash payments, and payment-in-kind certificates.

Sections 22 through 28 were the "sample" items. The changes made to the sample sections of the report form were as follows:

Section 23. PRODUC-TION EXPENSES paid by you and others for this place in 1987.

Items on tons of feed purchased and number of employees hired were deleted for 1987; the 1982 section on expenditures for energy (section 26) was deleted and its items added to section 23: items were added on the cost of repairs and maintenance, property taxes paid, cash rent paid, and "other" expenses. The section requested interest expense for loans secured and not secured by real estate.

Section 26. MACHIN-ERY AND EQUIP-MENT on this place on December 31, 1987 used for agricultural operations in 1986 or 1987.

The 1982 items on automobiles. corn heads for combines, and field forage harvesters were deleted for 1987; the item on Include only equipment tractors was altered to ask for data on tractors of less than 40 horsepower, and for those with 40 horsepower or more; the item on grain and bean combines requested information on both pulled and selfpropelled types.

Section 28. (NEW) INCOME FROM FARM-RELATED SOURCES IN 1987. Report amount received before taxes and expenses. This new section asked for data on farm-related income. (These data were last requested in the 1974 census.)

### Puerto Rico and the Outlying Areas

Form 87-A1(PR), Puerto Rico—The 1987 report form for Puerto Rico was based on the 1982 form, with minor wording changes intended to simplify the form and improve response, and some organizational changes. Sections 1-20 of the report form requested data from all farm operators, while sections 21-25 asked for information only from a sample of farmers (see ch. 7).

Form 87-A1(G), Guam—The 1987 agriculture census report form for Guam was virtually identical in format and content to that used in 1982; the only changes involved reordering the listing of crops in section 3 (Crops Harvested in 1987) and minor changes in the wording of some of the crop names (e.g., "Beans, green," instead of "Green beans").

Form 87-A1(VI), U. S. Virgin Islands—The 1987 agriculture census form for the U.S. Virgin Islands also was little changed from that used in the 1982 enumeration, except for the deletion from section 2 (Land Used in Agriculture) of the item on whether the farm was on a hard surface (all weather) road.

Form 90-A1(NM), Northern Mariana Islands—The 1990 agriculture census of the Northern Mariana Islands (and American Samoa; see below) was carried out by the field enumeration staff of the 1990 Decennial Census for those areas, and was the first agricultural enumeration there since 1980. The 1990 agriculture census report form for the Northern Mariana Islands was similar in format and layout to the 1980 version, with relatively minor changes in content. A general modification to sections 2 (Field Crops, Melons, and Vegetables) and 3 (Fruits and Nuts) asked for data on volume of products sold, and value of those sales, for 1989. Other changes were as follows:

Section 1. LAND IN AGRICULTURE

The item (unnumbered) on the full name of the owner of this land was deleted, and the item on acres rented from others was expanded to ask for the name(s) of any landlords and the acres rented from each.

Section 2. FIELD CROPS, MELONS, AND VEGETABLES	The separate item requested production data on honeydew melons was deleted.
Section 3. FRUITS AND NUTS	The item on coffee was deleted. An item was added requesting the square feet under cover and/or acres planted in orna- mental plants and other nursery crops.
Section 5. LIVESTOCK AND POULTRY	The items on carabaos was deleted, while items were added asking the value of livestock and poultry sales, and the value of chicken eggs sold.

Form 90-A1(AS), American Samoa—Modifications to the agriculture report form for the 1990 census in American Samoa were similar to those made to the form 90-A1(NM), and included asking for quantity and value of sales in 1989 in the crops and fruits and nuts sections. Other changes included the following:

Section 1. LAND IN AGRICULTURE	The item on acres owned was modified to ask whether any of the land was "communal," rather than <i>matai</i> land.* An item requesting the full name of the owner was deleted, and an item was added asking the name and acres rented from each landlord. The item asking whether the holding produced for home consumption or sale was split into two separate items.
Section 2. FIELD CROPS, MELONS, AND VEGETABLES	Green peas and green peppers were dropped from the listed crops, while green beans and melons were added.
Section 3. FRUITS AND NUTS	An item was added requesting the square feet under cover, and/or acres planted in orna- mental plants and other nursery crops.
Section 5. LIVESTOCK AND POULTRY	Items were added asking the value of livestock and poultry sales and the quarts of milk sold.

\*A *matai* is the chief or head of an extended family or tribe-like group. Land occupied and used by the group is traditionally considered *matai* land, although the *matai* may not personally have possession or use of it.

### FACSIMILES OF SELECTED REPORT FORMS, INFORMATION SHEETS, AND FOLLOWUP LETTERS

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# 1985 Content Pretest Report Form 85-A1

DUE BY: JANUARY 31, 1986			C	MB NO. 0607-05	01: Approval Expire	s December 31, 1	1986
FORM 85-A1 U.S. DEPARTMENT OF COMMERCE (10-31-85) BUREAU OF THE CENSUS	NOTICE Re	sponse to this inquiry is required by BUREAU IS CONFIDENTIAL. It may	law (title 13, U.S	. Code). By th	he same law YO	UR REPORT	TO
	only for statisti	cal purposes. Your report CANNOT	be used for purpo	ses of taxation	on, investigatio	ind may be us in, or regulation	on.
UNITED STATES	<u> </u>	ovides that copies retained in your f ence pertaining to this report, pl				N)	
					85-A1		
Please complete this BUREAU OF THE CENSUS	3				,		
form and RETURN TO Jeffersonville, Indiana 47133							
Note — If your records are not available, reasonable estimates may be used. If you cannot file by January 31, a time extension request may be sent to the							
above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.							
If you received more than one report form, enter extra Census							
File Number(s) here and return extra copies with your completed							
report.	ļ				I		
CENSUS 035 036 037 038		-			_		
USE 039 040 041 042		(Please correct errors i	n name, address,	and ZIP code	.)		
SECTION 1 ACREAGE IN 1985 Report land owned, rented	l. or used						نستندي <b>ا</b> ا
by you, your spouse, or by the partnership, corpo	oration, or	INSTRUCTIONS — Please Use section 7 to report ON					
S1 organization for which you are reporting. Include REGARDLESS OF LOCATION OR USE – cropland		6 and section 8. DO NOT I					
pastureland, rangeland, woodland, idle land, hou	se lots, etc.	SECTION 2 Were any of the	FOLLOWING CR	OPS harvest	ed from this pl	ace in 1985?	-
If the acres you operated in 1985 changed during the year,		S2	Acres			Acres	
	lumber of acres	Nor		Quantity	y harvested	irrigated	
	43	1. Corn (field) for grain or	067	068	OR Bu.	069	
1. All land owned		Seed (Report quantity on a dry shelled-weight basis)	)	)[ī	Lbs.	)	
2. All land rented or leased FROM OTHERS, including land worked		2. Corn (field) for silage	070	071		072	
by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad	44	or green chop	]	<u> </u>	Tons, green		_
land. (DO NOT include land used on a per-head basis under a		3. Winter wheat for grain	047	048	Bu.	049	
grazing permit.) Also complete item 5 below.	45	4. Durum wheat for grain	050	051		052	
3. All land rented or leased TO OTHERS, including land worked on		5. Spring wheat, other	527	528	<u>Bu.</u>	529	
shares by others and land subleased. Also complete item 6 below.	046	than durum, for grain	]		Bu.		
4. ACRES IN THIS PLACE – ADD acres owned (item 1) and acres	146	6. Oats for grain	076	077	Bu.	078	
rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		Ū	082	083		084	
	<b>†</b>	7. Sorghum for grain or	1		OR Bu		
For this census report these are the "ACRES IN THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, Section 1.		seed, including milo L	088	089	Lbs.	090	
5. If you rented land FROM OTHERS (item 2), enter the following information for e	ach landlord.	8. Soybeans for beans L	091	092	<u> </u>	093	
Name of landlord Mailing address (Include ZIP code) N	lumber of acres	9. Cotton	]	0.52	Bales		
		10. Tobacco – all types	094	095	Lbs.	096	10
	<u> </u>		097	098		099	
	· · · · ·	<b>11.</b> Potatoes, Irish	1 /1	101	Cwt.	102	/10
List additional landlords on a separate sheet of paper.		12. Sweetpotatoes and yams	//	0	Bu.		/10
6. If you rented land TO OTHERS (item 3), enter the following information for	each renter.		AY, GRASS SILA		GE, or GREEN	CHOP cut or	
Name of renter Mailing address (Include ZIP code) N	lumber of acres		this place in 198 hum-sudan cre		ay cut from	pastures.	
		1 🗌 YES — Comp	lete this section	2 🗌 N	O −Go to see	ction 4	
		If cuttings were made for both d from the same fields, report the	ry hay and grass si acreage in the app	lage, haylage, ronriate items	or green chop under DRY		
		HAY and also under GRASS SIL	AGE, HAYLAGE, a	nd GREEN CH	OP.		
List additional renters on a separate sheet of paper. a. Of the land you rented or leased to others, how many None 053		1. DRY HAY (If two or more of	uttinas of dry	Acres	Quantity		s
a. Of the land you rented or leased to others, how many none of a cres did you own?	Acres	hay were made from the same acres only once, but report to	acres, report	harvested	(Report either	dry   Irrigati	ed
7. Do you have any grazing permits on a per-head basis?		cuttings.)			or green weigl indicated)		
054	e g Sec. 3 (BLM)	<ul> <li>Alfalfa and alfalfa mixture</li> </ul>		103		105 ons,	
1 Ves – Mark (X) all boxes which apply	g Sec. 5 (BLW)	hay or dehydrating		106	107	108	
$2 \square \text{No} - \text{Go to item 8} \qquad $	cify )	b. Small grain hay — oats, v barley, rye, etc				ons, ry	
	¥	c. Other tame dry hay - clo		109	110	111	
8. How many acres were diverted (or set-aside) under Federal		timothy, Bermuda grass, etc.				ons, iry	
commodity acreage reduction programs in 1985?	Acres		•••••	112	113	114	
9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE		<b>d.</b> Wild hay		<u> </u>		ons, Iry	
	Number of acres	2. GRASS SILAGE, HAYLAG			1		
agricultural products county-		GREEN CHOP (hay crops and fed green) (If two or mo		115	116	117	
raised or produced?	57	were made from the same acr acres only once, but report to	es, report	1		ons,	
b. If you also had agricultural operations in any other Other	58	all cuttings.)				reen	
country(ies), enter the counties		<ol> <li>HAY SOLD — Did you s or grass silage in 1985?</li> </ol>		118			
county name(s) , etc	59	of hay sold in section 9, item		1 🗌 Ye	es 2 🗌 N	0	

SECTION 4	SALE fr				ET CORN, M (Exclude the				\$	SECTIO	FO							BERRIES ha	
54		ES -	– Comple	te th	is section						56 1 [	] YES		Comel	te this -	ection			
			– Go to se	ction	5									Go to se					
NOTE: For Florida through August 3	report for 3	Septeml rvest se	ber 1, 1984 ason; for all		Acre		Acres	irrigate	vi I	From th	a liat hala								
other States repor					Whole acres		f		enths	specified	with crop n	ame.	cropi	iaine a	nu cou	е. нероп (	quantity harv	estea in unit	
1. Land from w harvested in	1985	• • • • • •			375	/10		1005	/10	Croj	p name	Code		es harv acres	ested Tenths	Quantity	y harvested	Acres irri Whole acres	
2. From the list If more than each crop. F	one vege	table c	rop was har	veste	ed from the s tion in section	ame acres	, report ac	res for							/10	1		2	1 /10
C	rop name		C	ode	Acres has	rvested	Acres	irrigate	d						/10				/10
ļ	<b>.</b>					/10	' 		/10						/10	1		2	, 1 1 /10
ļ						<u>i /10</u>	1	i	/10	lf more sp	ace is neede	d, use sep	arate sh	eet of p	aper.				<u> </u>
						i /10	1	1	/10	Crop nan				Cod		rop name			Code
<u> </u>						/10		1	/10	Blueberri	ies and dew es, tame (po	ounds)		51	2 , S	itrawberrie	s (pounds) .	· · · · · · · · · · · · · ·	. 533 . 536
						/10	1	1	/10		es, wild (pou es (100-lb.						rries (pounds	; — 	. 539
If more space is ne	eeded, use	separat	e sheet of pap	er.	l <b>.</b>	/10	1		/10	SECTIO	N 7 We	re any O	THER	CROPS	harvest	ed from t	his place in 1	985 — smali	grains,
Crop name Asparagus		Code 379	Crop name		Coc 411		pkins		Code 449		fie	id seeds, sport frui	, or othe	er cropi	s not pre	viously re	ported?		•
Beans, snap (bu and pole)	sh		Garlic			1 'Radi	shes hern peas, gr		451		57	•							
Beets		383	Lettuce an	d ror	maine 427	/ (cov	vpeas) — bla wder, etc.	ackeyed,	409		_	YES		-		ection			
Cabbage, head Cantaloups and			Mustard g	eens	431	l , Spin	ach		457 459		2 [		-	GO to si	ection 8				
muskmelons . Carrots		395	Onions, gr	een .	435	5 , Swe	et corn		461 463		he list bel with crop		ter cro	op nar	ne and	code. A	leport quanti	ty harvested i	n unit
Cauliflower		399	Peas, Engl (Exclude	ish, g	reen	1 Turn	ips ip greens .		465 467					<del></del>					
Collards		407	southern	peas		I   Wate	ermeions . er vegetable		473	с - С	rop name		Code /	Acres h	arvester	Quant	ity harveste	d Acres ir	rigated
			Peppers, h	ot.	445	i   Sp	ecity		475			}				<u>'</u>		2	
SECTION 5					ENHOUSE CI egetable see											1		2	
					WN FOR SA								- +			1		2	
55	' 1 🗌 Y	ΈS -	– Comple	e thi	s section											1		2	
	2 🗌 N	10 -	<ul> <li>Go to se</li> </ul>	ction	r		Area irrigat	· · · ·								<u> </u>			
1. Nursery and	areenhous	e crops	s irrigated in	1985	None	Square fe	478	res Te	enths			ĺ				[		2	
	•		•		_ L			i	/10			İ				1		2	
2. From the list	Delow, etc		•		de for each ch	op grown.					ace is neede	d, use sep	arate sh						
Crop nam		Code	Square fe under glass	sor	Acres in the in 198		Sales	in 198	35	Crop nan Alfaifa se	ne ed (pounds	۱		Co:		opcorn (pr		J)	Code
Crop hain		Joue	other protect in 1985		Whole acres		Dollars	s	Cents	Barley for	r grain (bush y edible (ex	els)		07	9 I P	roso millet	t (bushels)		665
					1	/10 \$			00	dry lima	is) (hundred ry lima (hund	weight) .	ht)	55	4   R	lice (hundr	edweight) in (busheis) .	•••••	677
					1	2			00	Buckwhe	at (bushels for dry fodd	1		57	5   R	yegrass se	eed (pounds)		689
<u>├</u> ────			·		1	/10 \$				or graze Drv souti	ed (report ac	cres only) owpeas)	• • • • •		1   5	orghum cu or hay (to	ut for dry fora ns, dry)	ge 	
						/10 \$		i	00	(bushel Emmer a	s)	ishels)		58	4 ( S	orahum ha	aded or araz	ed 	
Crop name			Co		Crop name				Code	Flaxseed	eed (pounds (bushels)			80	2   S 5 ;	orahum fo	r silage or gre	en choo	
Bedding plants ( Bulbs (Exclude b	bulb flowe	ring pla	ints) 48	2 1	Flowering p Mushrooms	s			494	Grains, m Kentucky	hixed (bushe bluegrass s	ils) seed (pou	nds)	61	9   5	ugarcane	for sugar (tor	ons)	722
Nursery crops -	- ornamen	tals, fru	s 40 Iit	<b>°</b> . I	Vegetable a	and flower	seeds		500	Lespedez Mint for	a seed (pou pil (pounds c	unds) of oil)	••••	63	8 'S 4  S	ugarcane i unflower i	for seed (tons seed (pounds	a)	734
and nut trees, Foliage plants .	and vines	· · · · · ·			Greenhouse Other - S	pecify		 	506	Peanuts Peas, dry	for nuts (pou / edible (pou	unds) unds)		65 65	9   C	ther crops	(pounds) -	•••••	
SECTION 8	Was the		mhinad tot	ام ا	20 or more 5	RINTTP	FS inclus	ling GP	APEV								<u></u>	<u></u>	. 752
			– Compie				, mçıdi								ruat IU	19001			
	2 🗌 N		- Go to se				14/	Total hole acre	acres		Acres irrigation of a cres	ted Tenths		Ma		-			•
1. TOTAL ACR										122	ione dures				rus crops	Coi 12		crops quantity harves	Code ted
2. From the list	at the righ	t, enter	name and c	ode fe		es, grapevi						/10		Apricot Avocad Cherries	s os s.sweet.	12	9 for the 5 season 5 Comparis	1984—85 harve: )	st
neport the re	questea in				even if not har	1		w prices,	, uaina	ye irom nai				Cherrie	s, tart	58 ht 17	7 Lemons	uit	. 279
					r of Nes of		in trees ines of		Quan	tity	Unit of mea Mark one			Grapes.	fresh we Report qu	iaht 17	7 Orange	s	297
Crop name	e   (	Code	Nonbearir	- 1	Bearing		ages		harves		Lbs. Tons	Lbs		for Se	pt. 1984 h March 1		Tangeri	nes	303
L			age		age	Whole ac	res Tenth	15			4	boxes per		harves	t season)	20	Snecil	itrus — fy	316
						-	/1					3 🗌 İ		Pears .	ind prunes	23	11		
	[					2	1 /1	0			1 0 20	3 🗆 🏅		fresh	weight .		IS Nuton IS (Repor	o <b>pe</b> t quantity in mea	Code ntsi
				1		2	/1	0 3				3	1	Other n	oncitrus -		Almond	ls	321
				- 1		2	/1	3			4 + - +		-	Spech	· · · · · · ·		{rtepo	rt quantity in she and hazelnuts .	
				1		2		3			4 1 🗆 2 🗆	15	1				Pecans	s, English	. 339
				-		2	/1	3			4	5	-				Other n	s, cngasn ut trees fy	
If more space is no	eeded, use	separat	e sheet of na	Der.		L	<u> </u> /1	0			1 🗆 2 🗆	3 [] ¦					Speci	,	

SECTION 9 GROSS VALUE of CROPS SOLD from this place i			SECTION 13 Did you or anyone else have any CATTLE or CALVES on this place in 1985?						
se taxes and expenses (Refer to the INFORMATION Report your best estimate of the value for each of the follow	-			1 🗌 YES — Complete this section					
from this place in 1985. Include the value of the landlord's a estimating if necessary. Include value of Government CCC	nd/or co			2 NO - Go to section 14 INVENTORY					
		oliars	Cents	Number on this     DECEMBER 31, 1985 INVENTORY     None place Dec. 31, 1985					
1. Grains, soybeans and other beans sold in 1985 None a. Corn for grain	773 \$		00	1. CATTLE AND CALVES of all ages					
b. Wheat	774			(Total of a, b, c, and d below)					
c. Soybeans	\$ 775		<u>00</u> 00	a.BEEF COWS					
· · · · · · · · · · · · · · · · · · ·	776			b. MILK COWS kept for production of milk or					
d. Sorghum for grain	\$ 777	<del> </del>	00	cream for sale or home use — include dry Milk					
e. Barley	\$ 778		_00	milk cows and milk heifers that had calved					
f. Oats	\$ 779		_00	c.HEIFERS AND HEIFER CALVES (Exclude heifer					
g. Other - rice, dry beans, dry peas, flaxseed, popcorn, safflower, sunflower seed, rye, etc	\$		00	heifers that hed calved)					
2. Cotton and cottonseed	780 S	I I	00	d. STEERS, STEER CALVES, BULLS, bulls of					
3. Tobacco	781		00						
4. Hay, silage, field seeds, and grass seeds	782 \$		00	CATTLE AND CALVES SOLD     FROM THIS PLACE IN 1985					
5. Vegetables, sweet corn, and melons - Do not include	783		00	Include those fed on this place on a Number sold Gross value of sales					
Irish potatoes and sweetpotatoes, report them in item 7 below.	\$		00	as sold cettle moved from this place to a feedlot for further feeding. 808 809					
6. Fruits, nuts, berries – apples, peaches, grapes, citrus, pecans, strawberries, etc		1	00	2. Calves weighing less than 500 pounds					
7. Other crops - Irish potatoes, sweetpotatoes, peanuts, sugar	\$ 785		_••	3. Cattle, including calves weighing					
beets, sugarcane, mint for oil, etc. (Exclude nursery and greenhouse products) —		t		500 pounds or more 5 00					
Specify	\$	i i	00	a. Of the total cattle sold, how many were FATTENED on this place on					
SECTION 10 GOVERNMENT CCC LOANS	1.			GRAIN or CONCENTRATES for 30 812 813					
S10 /	-			days or more and SOLD for SLAUGHTER?					
1. Amount received in 1985 from Government CCC lo (Include regular and reserve loans, even if	pans for	r —							
redeemed or forfeited) None	Do 799	oilars	Cents	THIS PLACE IN 1985					
a. Corn, sorghum, barley, and oats	\$	I	00	4. Gross value of sales of DAIRY PRODUCTS 814					
<b>b.</b> Wheat	800 \$		_00	from this place in 1985 — Include milk, cream,					
<b>c.</b> Cotton	801 \$		00	SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1985?					
d. Soybeans, peanuts, rye, rice, tobacco, and honey	802 \$		00	S14					
SECTION 11 LAND USE IN 1985									
				1 YES - Complete this section INVENTORY					
1. Copy ACRES IN THIS PLACE from section 1, item 4,	page 1_	,	Acres	2 NO - Go to section 15 Number on this place Dec. 31 1985					
1. Copy ACRES IN THIS PLACE from section 1, item 4, NOTE: For items 2 to 5 below, if the same land had more than one	use in 19	85, REPORT	Acres	2 NO - Go to section 15 • DECEMBER 31, 1985 INVENTORY None e15 INVENTORY None e15					
1. Copy ACRES IN THIS PLACE from section 1, item 4,	use in 19 . For exar	85, REPORT mple,	Acres	2 NO - Go to section 15 • DECEMBER 31, 1985 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below)					
S11     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro 2. CROPLAND	use in 19 5. For exar pland han None	85, REPORT mple,		2 NO - Go to section 15 • DECEMBER 31, 1985 INVENTORY 1. HOGS and PIGS of all ages ( <i>Total of a and b below</i> ) a. HOGS and PIGS used or to be used for BREEDING B16 B16 Breeding					
S11     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro     CROPLAND     a. Cropland harvested — include all land from which crops     were harvested or hay was cut, and all land in orchards, citrus groves	use in 19 3. For exar pland han None	85, REPORT mple, vested." Number of		2 NO - Go to section 15 • DECEMBER 31, 1985 INVENTORY 1. HOGS and PIGS of all ages (Total of a and b below)					
S11     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro     CROPLAND     a. Cropland harvested — include all land from which crops     were harvested or hay was cut, and all land in orchards, citrus groves     vineyards, and nursery and greenhouse products	use in 19 5. For exar pland han None	85, REPORT mple, vested." Number of		2     NO     — Go to section 15       • DECEMBER 31, 1985 INVENTORY     None       1. HOGS and PIGS of all ages (Total of a and b below)     —       a. HOGS and PIGS used or to be used for BREEDING     B16       B17     B17					
<ul> <li>S11</li> <li>Copy ACRES IN THIS PLACE from section 1, item 4, NOTE: For items 2 to 5 below, if the same land had more than one THAT LAND ONLY ONCE — in the use first listed below that applies cropland harvested and also pastured is to be reported only as "Cro 2. CROPLAND</li> <li>a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves vineyards, and nursery and greenhouse products.</li> <li>b. Cropland used only for pasture or grazing — include rotation pasture and grazing land that could have been used for crops withou</li> </ul>	use in 19 S. For exar pland han None None	85, REPORT mple, vested.'' Number of 787		2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
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S11     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro     CROPLAND     a. Cropland harvested — include all land from which crops     were harvested or hay was cut, and all land in orchards, citrus groves     vineyards, and nursery and greenhouse products     b. Cropland used only for pasture or grazing — Include rotation     pasture and grazing land that could have been used for crops without     additional improvements     c. Cropland used for cover crops, legumes, and soil-     improvement grasses, but NOT harvested and NOT     pastured     d. Cropland on which all crops failed (Exception: Do not	use in 196 s. For exar pland han None	85, REPORT mple, vested.'' Number of 787 788		2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
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<ol> <li>Copy ACRES IN THIS PLACE from section 1, item 4, NOTE: For items 2 to 5 below, if the same land had more than one THAT LAND ONLY ONCE — in the use first listed below that applies cropland harvested and also pastured is to be reported only as "Cro 2. CROPLAND</li> <li>Cropland harvested — include all land from which crops were harvested on hay was cut, and all land in orchards, citrus groves vineyards, and nursery and greenhouse products.</li> <li>Cropland used on hy rop asture or grazing — include rotation pasture and grazing land that could have been used for crops without additional improvements</li> <li>Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT harvested and NOT pastured</li> <li>Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.).</li> <li>Cropland in cultivated summer fallow.</li> <li>Cropland idle.</li> <li>Woodland — include all woodlots and timber tracts and cutover and deforested land with young timber growth.</li> <li>Other pastureland and rangeland — include any pastureland other han cropland and woodland pasture.</li> <li>All other land — Land in house lots, ponds, roads, wastela etc. — include any land not reported in items 2 through 4 above …</li> <li>TOTAL ACRES — Add the scree reported in items 2 through 4 above.</li> </ol>	use in 194 For exarpland han None [] [] [] [] [] [] [] [] []	85, REPORT mpie, vested.'' Number of 787 788 789 790 791 790 791 793 794 795 796 797 798		2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
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Sti     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro     CROPLAND     a. Cropland harvested — include all land from which crops     were harvested on hy was cut, and all land in orchards, citrus groves     vineyards, and nursery and greenhouse products.     b. Cropland used only for pasture or grazing — include rotatio     pasture and grazing land that could have been used for crops without     additional improvements     c. Cropland used for cover crops, legumes, and soil-     improvement grasses, but NOT harvested and NOT     pastured     d. Cropland used for cover crops and the cop     failed. Such acreage is to be reported in item 2a.)     e. Cropland ille      f. Cropland ille     woodlots and timber tracts and     woodlots and timber tracts and     woodland — include all     woodland more tracts and     woodland more tracts and     woodland more tracts and     woodland more tracts and     the vong timber growth.     A. Other pastureland and rangeland — include any pastured.     S. All other land — Land in house lots, ponds, roads, wastella     etc. — include any land not reported in items 2 through 4 above     SECTION 12 Was any LAND in this place iRRIGATED at any til	use in 194. For exampland han None 	85, REPORT mpie, vested.'' Number of 787 788 789 790 791 793 794 795 794 795 794 795 797 798 798 798 798 798	acres	2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
1. Copy ACRES IN THIS PLACE from section 1, item 4, NOTE: For items 2 to 5 below, if the same land had more than one THAT LAND ONLY ONCE — in the use first listed below that applies cropland harvested and also pastured is to be reported only as "Cro 2. CROPLAND a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves vineyards, and nursery and greenhouse products. b. Cropland used only for pasture or grazing — include rotation pasture and grazing land that could have been used for crops withou additional improvements. c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT harvested and NOT pastured. d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.). e. Cropland in cultivated summer fallow. f. Cropland idle. 3. Woodland — include all woodlots and timber tracts and cutover and deforested land with young timber growth. 4. Other pastureland and rangeland — include any pastured. b. Woodland not pastured. 5. All other land — Land in house lots, ponds, roads, wastela etc. — Include any land net reported in items 2 through 4 above	use in 194. For exampland han None 	85, REPORT mple, vested.'' Number of 787 788 789 790 791 793 794 795 794 795 794 795 796 797 798 <b>867</b> prinklers, fur ant irrigation	acres	2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
Sti     Copy ACRES IN THIS PLACE from section 1, item 4,     NOTE: For items 2 to 5 below, if the same land had more than one     THAT LAND ONLY ONCE — in the use first listed below that applies     cropland harvested and also pastured is to be reported only as "Cro     CROPLAND     a. Cropland harvested — include all land from which crops     were harvested or hay was cut, and all land in orchards, citrus groves     vineyards, and nursery and greenhouse products.     b. Cropland used only for pasture or grazing — include rotation     pasture and grazing land that could have been used for crops withou     additional improvements     c. Cropland used for cover crops, legumes, and soil-     improvement grasses, but NOT harvested and NOT     pastured     Cropland on which all crops failed (Exception: Do not     report here land in orchards ad vineyards on which the crop     failed. Such acreage is to be reported in item 2a.)     c. Cropland in cultivated summer fallow     f. Cropland idle.     S. Woodland — include all     woodlots and timber tracts and     cutover and deforested and not pastured.     b. Woodland not pastured.     Cropland in cultivated summer fallow     f. Cropland and rangeland — include any pastured     with young timber growth.     All other land — Land in house lots, ponds, roads, wastela     etc. — include any land net reported in items 2 through 4 above     SECTION 12 Was any LAND in this place iRIGATED at any to     Irrigated land is all land watered by any artificial or controlled m     or ditches, spreader dikes, etc include supplemental, partial,     S <sup>12</sup> 1 YES — Complete this section     2 NO — Go to section 13	use in 194. Sore example None None 	85, REPORT mpie, vested.'' Number of 787 788 789 790 791 793 794 795 794 795 794 795 797 798 798 798 798 798	acres	2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
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1. Copy ACRES IN THIS PLACE from section 1, item 4, NOTE: For items 2 to 5 below, if the same land had more than one THAT LAND ONLY ONCE — in the use first listed below that applies cropland harvested and also pastured is to be reported only as "Cro 2. CROPLAND a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves vineyards, and nursery and greenhouse products. b. Cropland used only for pasture or grazing — include rotation pasture and grazing land that could have been used for crops withou additional improvements c. Cropland used for cover crops, legumes, and soil- improvement grasses, but NOT harvested and NOT pastured d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.). e. Cropland in cultivated summer fallow. f. Cropland idle. 3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth. 4. Other pastureland and rangeland — include any pastureland other than cropland and vaported in items 2 through 4 above 6. TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.) SECTION 12 Was any LAND in this place IRRIGATED at any to Irrigated land is all land watered by any artificial or controlled m or diches, spreader dikes, etc. Include supplemental, partial, <sup>S12</sup> 1 YES — Complete this section 2 NO — Go to section 13 1. How many acres of harvested land were irrigated? Include land for harvested land were irrigated? Include land from which harvest cut and land in bearing and nonbearing fruit and nut crops reported in section 11, item 2a.	use in 194. Sore example None None 	85, REPORT mpie, vested.'' Number of 787 788 789 790 791 793 794 795 794 795 795 794 795 795 797 798 867 797 798 867 Rumber of irrigation	acres	2       NO       — Go to section 15         • DECEMBER 31, 1985 INVENTORY       None         1. HOGS and PIGS of all ages (Total of a and b below)					
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•

SECTION 16 Did you or anyon	ne else have any HORSE OCK, or ANIMAL SPEC				SECTION 18 TYPE OF ORGANIZATION
S16	Complete this section		) — Gotos	ection 17	Mark (X) the one item which best describes the type of organization for
	INVENTORY		Gross value	a of sales	this place in 1985. Refer to the INFORMATION SHEET, Section 18.
None	Abia alaaa i	uantity sold 1985	Doitars	Cents	• FAMILY or INDIVIDUAL operation -
1. Horses and ponies of	Dec. 31, 1985		832		(Exclude partnership and corporation) 1     Go to section 20
all ages	839 840	Number	\$ 842	00	Include family partnerships
	841	Number	1)		INCORPORATED UNDER STATE LAW 3 Go to section 19
2. Colonies of bees		Pounds honey	\$	00	OTHER, such as estate or trust, prison
	843	Number	846	I	farm, grazing association, Indian reservation, etc
3. Milk goats	845	Gallons	\$	00	go to section 20
	847 848	muk	850	100	Specify
	849	Number Pounds	>	i t	SECTION 19 CORPORATE STRUCTURE (for incorporated
4. Angora goats	L	mohair	]*	00	Operations only) Refer to the INFORMATION SHEET, Section 19.
5. Other livestock or animal specialties in captivity					\$1 <b>9</b> 922
(Enter name and code from "List A" below.)	1		2	i	
Name Code		Number	\$	00	<b>1. Is this a family-held corporation</b> ? 1 Yes 2 No
6. Fish and other aquaculture products (Enter name and	Total quantity sold in 1985	Gross value Dollars	of sales		2. Are there more than 10 stockholders? 3 Yes 4 No
code from "List B" below.)		2			SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR
Name Code	1 OR Pounds	s	00		(Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.
		_			\$20
Name List A	Code Na		ist B	Code	
Other goats					1. RESIDENCE – Does the operator (senior
Mules, burros, and donkeys Mink and their pelts					partner or person in charge) live on this place? 1 🗌 Yes 2 🛄 No
Rabbits and their pelts		er aquaculture	fy	869	2. PRINCIPAL OCCUPATION - At which
All other livestock and livestock products — Specify	857		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		occupation did the operator spend the majority <sup>928</sup> (50 percent or more) of his/her worktime in
If more space is needed, use separa		DV	UICKENC		1985? For partnerships consider all members of the partnership together.
TURKEYS, DÚC	ne else have any POULT KS, etc., on this place in			own	929
for others on a co					<b>3.</b> OFF FARM WORK — How many days did the operator (senior partner or person in charge)
	Complete this section Go to section 18	Numi		il number	work at least 4 hours per day <b>off</b> this place in 1985? Include work at a nonfarm job, business, or $2 \prod_{n=1}^{2} 1-49$ days
		lone Dec. 3	1, 1985	l in 1985	on someone else's farm for pay. (Exclude exchange farmwork) $3 \square 50-99$ days
1. HENS and PULLETS of laying	g age	892	893		₄ 🔲 100–149 days
2. Pullets for laying flock replace		894	89	5	₅
a.PULLETS 3 months old or ol b.PULLET CHICKS and PULLE		896	}		6 🗋 200 days or more
(Exclude commercial broilers).			/		060 <b>4.</b> In what year did the operator (or senior partner)
<ol> <li>BROILERS, fryers, and other including capons and roaste</li> </ol>		898	899		begin to operate any part of this place?
4. TURKEYS		900	901		925
a.Turkeys for slaughter (Exc	lude breeders)	902	903		5. AGE of operator (senior partner or person in charge)
b.Turkey HENS kept for bree	eding				924
<ol> <li>OTHER POULTRY raised in c geese, pigeons or squab, phe</li> </ol>		Ì			1 🗌 White
(Enter poultry name and code from	the list below.)		1		2 Negro or Black
Poultry name	Code	-	1		6. RACE of operator (senior partner or person in charge)
Poultry name		_ L			4 🗌 Asian or Pacific
Name Code Ducks	Name Co Pigeons or squab 90	9 <b>8  </b> Qua	ail		Islander
Geese 906	Pheasants 9	0   All	other poultry -		$9 \square \text{ Other } -specify$
6. POULTRY HATCHED on this placed as cald		ne	Number		
placed or sold – chickens, turk	keys, ducks, etc. –	916			
Specify kind of poultry		] 917			7.SEX of operator (senior partner or person in sector charge)
7. Incubator egg capacity on D	ecemper 31, 1985				
9 What was the more value of a	None	Gross valu			<ol> <li>SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or</li> </ol>
<ol> <li>What was the gross value of sa and poultry products (eggs, etc.</li> </ol>	c.) from this	Dollars 8	Cent		descent (Mexican, Puerto Rican, Cuban, or <sup>927</sup> other Spanish)? 1 Yes 2 No
place in 1985?	\$		00	)	

SECTION 21 PRODUCTION EXPENSES paid by you and others s21 for this place in 1985	SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1985?
Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1985. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.	1 YES - Complete this section 2 NO - Go to section 24 Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report
None     Dollars     Cents       1. Livestock and poultry purchased – cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.     972     1	acreage treated for each purpose.  1. Sprays, dusts, granules, fumigants, etc., (fungicide, nerbicide, insecticide, nematicide) to control –  a. Insects on crops, including hay
2. Feed purchased for livestock and poultry - grain, hay, silage, mixed feeds, concentrates, etc.       973       1         a. Commercially mixed formula feeds purchased -       00	a. Insects on clops, including nay       937         b. Nematodes in crops       937         c. Diseases in crops and orchards (blights, smuts, rusts, etc.)       938
complete, supplement, concentrates, premixes. (Exclude ingredients purchased separately, such as soybean meal, cottonseed meal, and urea)	d. Weeds, grass, or brush in crops and pasture. Include both pre-emergence and post emergence
<b>3. Seed cost</b> – for corn, other grains, soybeans, tobacco, cotton, etc. – <i>Include plants and trees purchased</i>	SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1985 (Include only equipment used for agricultural operations in 1984 or 1985.)
4. Commercial fertilizer purchased – all forms, including rock phosphate and gypsum. Include cost of custom applications       976       1         s       i       00	Value of ALL machinery and equipment on this place, December 31, 1985     What is the estimated market value of ALL machinery,
5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications (Exclude lime)	equipment, and implements usually kept on this place and used for the farm or ranch business? Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including
6. Gasoline and other petroleum fuel and oil purchased for the farm business – a. Gasoline and gasohol       978         \$       00	milkers and bulk tanks, livestock feeders, grinding and s 00
<b>b.</b> Diesel fuel	SELECTED machinery and equipment on this place, December 31, 1985. (Report only if used in 1984 or 1985.) None     Subscription     Subscription     Total number on this place on December 31, 1985     Subscription     Subscrite     Subscription     Subscription     Subscription     Subscri
c. LP gas, fuel oil, kerosene, natural gas, motor oil, and grease     7. Electricity for the farm business (Exclude household	2. Motortrucks – Include pickups
expenses) s 00 8. Hired farm or ranch labor – wages and salaries paid, social security contributions, withholding taxes, insurance,	and motor tillers-         946         947           a. Less than 40 horsepower (PTO)
unemployment compensation, etc. (See Information Sheet) \$ 00 9. Contract labor - Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., 983	4. Grain and bean combines, all types.         950         951           5. Cotton pickers and strippers         956         957
performed on a contract basis by a contractor, crew leader, a cooperative, etc	6. Mower conditioners
10. Repairs and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	SECTION 25 ESTIMATED CURRENT MARKET VALUE
11. Customwork, machine hire and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. [Exclude cost of cotton ginnirg and application of fertilizer and	S25       OF LAND and BUILDINGS         Please give your best ESTIMATE of the CURRENT MARKET         VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.         1. All land owned         2. All land rented or leased FROM OTHERS
chemicals)	3. All land rented or leased TO OTHERS
a. Secured by real estate         s         00           b. Not secured by real estate         s         00	SECTION 26 INCOME FROM FARM - RELATED SOURCES IN 1985 S26 Report amount received before taxes and expenses.
<b>13. Cash rent paid for land and buildings in 1985</b>	Farm-related income
<b>14. Property taxes paid</b> Include farm real estate, machinery, livestock, etc. for the farm business. (Exclude taxes paid by landlords)       \$ 00	1. Customwork and other agricultural services provided for farmers and others – plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, refer to Information Sheet, section 26)
<b>15. All other production expenses</b> – Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Exclude depreciation, household expenses, and expenses not	2. Payments you received for participation in Government farm programs (Exclude Commodity Credit Corporation (CCC) loans.)
associated with the farm business)	3. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments. Include payments for livestock pastured on a
PHOSPHATE, or LIME used on this place during 1985?	per-head basis, per-month basis, per-pound basis, etc
YES - Complete this section 2 NO - Go to section 23 None Acres fertilized	products, naval stores, firewood, etc.       \$       00         5. Other farm-related income, including recreational services, patronage dividends of cooperatives, sales of by-products,       1
1. Acres of cropland fertilized in 1985 (Exclude cropland used only for pastures reported in section 11, item 2b)       932         2. Acres of pastureland and rangeland fertilized in 1985 reported in control 1 items 2b and 4       933	and other business or income which is CLOSELY RELATED to the agricultural operations on this place – Specify kind \$ 00
section 11, items 2b and 4	SECTION 27 PERSON COMPLETING THIS REPORT - Please print
3. LIME – tons of lime used and acres on which applied (Do not include land plaster or gypsum	Area Code Number
or lime for sanitation.)	Telephone



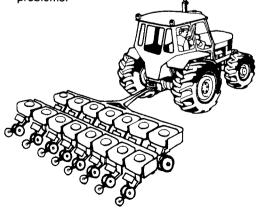
### Why a Census?

A national census of agriculture is the only detailed source of information about America's agricultural production. It's a measurement of where farmers and ranchers stand, their farm supply needs, their production costs and cropping systems, and how trends are changing.

Agricultural data are gathered by other groups—but the census of agriculture is the Nation's only comprehensive program for the entire agricultural industry. Census information is sought by land-grant universities in research projects, by those who serve farmer and agribusiness clients, by farm organizations to evaluate and analyze programs, and by lawmakers to help meet the changing needs of America's largest industry.

### How Are Census Data Used?

- Farm suppliers of fertilizer, seed, and equipment use census data to meet your needs for products.
- Your farm organization uses census data to evaluate and propose programs and policies that affect you.
- Marketing and distribution facilities are built based on census data to help you market your products.
- New technology is developed for your use by researchers using census data.
- Your elected representatives use census data to develop programs to help solve agricultural problems.



### Who Plans the Questions?

Representatives of farmers and ranchers work with Census Bureau officials to determine what needs to be asked on the census report form. These representatives are leaders in the agricultural industry representing commodity organizations, States, suppliers of agricultural products, and universities, and include such organizations as:

American Farm Bureau Federation National Cattlemen's Association National Council of Farmer Cooperatives National Farmers Organization National Farmers Union The National Grange Agricultural Publishers Association American Agricultural Economics Association American Feed Industry Association American Meat Institute Association of Research Directors, Inc. Conference of Consumer Organizations Farm and Industrial Equipment Institute National Agri-Marketing Association National Agricultural Chemicals Association National Association of State Departments of Agriculture National Association of State Universities and Land-Grant Colleges National Food Processors Association **Rural Sociological Society** The Irrigation Association U.S. Department of Agriculture

### What Happens to the Data?

Data are published only in tabulated totals—by State and county. No one but sworn Census Bureau employees see individual report forms, under penalty of law. Individual report forms are strictly confidential. Not even the Federal Freedom of Information Act can cause your report data to be made public.



The Census Bureau cannot, by law, provide individual data to other government agencies. No one may have access to your completed form except you.

# 1985 Content Pretest Report Form 85-A2

DUE BY JANUAR	Y 31, 1986						OMB No. 0607-0501: A	pproval Exp	ires December 31, 1986
FORM 85-A2 (10-31-85)		ARTMENT OF COM BUREAU OF THI	CENSUS	YOUR REPORT Census employe for purposes of	TO THE C ees and may taxation, in	his inquiry is required b ENSUS BUREAU IS CO be used only for statis vestigation, or regulation	NFIDENTIAL. It may tical purposes. Your	be seer report C	a only by sworn ANNOT be used
	) STATE:		JS	in your files are In corresponde		n legal process. ning to this report, ple	ase refer to your Ce	nsus Fil	e Number (CFN)
UF	AGRICU	LIUKE							
Please complet this form and RETURN TO	1201 Eas	OF THE CEN Int Tenth Street Inville, Indiana		Γ-					85-A2
Note – If your estimates may be time extension red Include your 12-c shown in your add	used. If you can quest may be set character Census	not file by Janua nt to the above s File Number (	ry 31, a address. CFN) as						
If you received more to Number(s) below and to									
A			Γ	1					
			+	1					
035	036	037 03	8						
CENSUS USE ONLY	040	041 04	2	4	(0)-				
SECTION 1	ACREACE	IN 1095 D	-	nd awrod rant		ase correct errors in nan			
S1	or organizatio	on for which y	ou are	reporting. Inclu	de ALL LA	l by you, your spouse ND, REGARDLESS OI	FLOCATION OR U	snip, cor SE —	poration,
1	• •			woodland, idle			1	None 🗍	Number of acres
1. All land own	-	-				N SHEET, Section 1.		043	3
						, used rent free, in exch		044	4
for services,	payment of taxe	es, etc. Include	eased F	ederal, State, and	d railroad la	nd. (DO NOT include lan	d used		
	-	•••		-		and land subleased.		041	5
Also complet	e item 6 below	/			· · · · · · · · · · · · · · · · · · ·				
4. ACRES IN T	HIS PLACE -	ADD acres own	ned (iter	n 1) and acres rer	nted (item 2)	, then SUBTRACT		04	6
						ase refer to the INFORMA	TION SHEET Section	$\rightarrow$	
5. If you rented la	and FROM OTHE	RS (item 2), ente	r the	Name of la	andlord	Mailing addr	ess (Include ZIP code	)	Number of acres
following info	rmation for each	andlord							
			-						
			ĺ	List additional landlo	rds on a serve	rate sheet of paper			l
0 16 11 11 11		0 /24	Į	Name of	- · · ·		ess (Include ZIP code	)	Number of acres
6. If you rented following info	land 10 01 HER prmation for eac								
					· · · · · · · · · · · · · · · · · · ·				
a. Of the lan	d you rented or	leased to other		List additional renter many acres did y		te sheet of paper.	🗌 None	053	Acres
7. Did you have a	any grazing perm	iits on a per-head	basis?	•					
<sup>054</sup> 1 Yes –		oxes which ap	ply	· · { 4 🔲 Taylor G	irazing, Sec	5 🗌 Indian . 3 (BLM) 6 🗌 Other	- Specify		
	<i>Bo to item 8</i> res were diverted	l (or set-aside) ur	nder Fed	•		ion programs in 1985?		055	Acres
9. LOCATION O	F AGRICULTUF	RAL ACTIVITY	ORTH	IS PLACE	Principal	County r		State	Number of acres
	unty was the larg aised or produce				county->				056
	F - 200								057
	had agricultural				Other counties			<u> </u>	058
	•			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			059
PENALTY FOR	FAILURE TO R	REPORT			-				

INSTRUCTIONS — Please report yo listed in sections 2 through 7. DO No	our crops in t OT INCLUDE	he app E crops	ropriate sec grown on l	tion. I and re	Use section	on 8 to rep hers.	port ON	ILY thos	se crops	NOT
SECTION 2 Were any of the FOLLOWING C	ROPS harvested	from this	s place in 1985?							
S2			None	Acres	harvested		ty harve		Acres in	rigated
1.Corn (field) for grain or seed (Report quantity of	on a dry shelled.	weight h		067		068	OR -	Bu.	069	
	-	-	_	070		071		Lbs. Tons,	072	
2. Corn (field) for silage or green chop	• • • • • • • • • • • • •	• • • • • •		047		048		green	049	
3. Winter wheat for grain			🗆	L				Bu.		
4. Durum wheat for grain	· · · · · · · · · · · · · ·		🗆	050 527		051 528		Bu.	052	
5. Spring wheat, other than durum, for grain	n			527		528		Bu.	529	
6. Oats for grain				076		077		Bu.	078	
			_	082		083	OR -	Bu.	084	
7. Sorghum for grain or seed, including mild	•••••					1		Lbs.		
8. Soybeans for beans	<i></i>			088		089		Bu.	090	
9. Cotton				091		092		Bales	093	
			_	094	<u> </u>	095			096	1
10.Tobacco – all types	• • • • • • • • • • • • •	• • • • • •	····· 🗆	097	/10	098		Lbs.	099	/10
<b>11.</b> Potatoes, Irish	· · · · · · · · · · ·	· · · · .	· · · · · · <u> </u>	037	/10			Cwt.	000	/10
Include sorghum-sudan cr S3 1 YES — Complete th If cuttings were made for both dry hay and g chop from the same fields, report the acrea	<b>is section</b> 2 grass silage, hay	lage, or	) — Go to sec green	tion 4		·				
DRY HAY and also under GRASS SILAGE, F <b>1.DRY HAY</b> (If two or more cuttings of dry h the same acres, report acres only once, but off cuttings.	ay were made fi	rom	CHOP.	Acres	harvested	(Report	ity harve either dry t as indice	or green	Acres in	rigated
all cuttings.) <b>a.</b> Alfalfa and alfalfa mixtures for hay or (	dobudrotina			103		104		Tons,	105	
				106		107		dry Tons,	108	
<b>b.</b> Small grain hay – oats, wheat, barley								dry		
c. Other tame dry hay – clover, lespedez grass, etc		•	•	109		110		Tons, dry	111	
<b>d.</b> Wild hay				112		113		Tons, dry	114	
2. GRASS SILAGE, HAYLAGE, AND GR and fed green) (If two or more cuttings w report acres only once, but report total tons				115		116		Tons,	117	
3. HAY SOLD — Did you sell any hay or gra	-			118		1		green		<u>.</u>
(Report value of hay sold in section 9, item				1	] Yes	2 🛄 NO				
SECTION 4 Were any VEGETABLES, SW					Crop n	ame (	Code	Cr	op name	Code
S4 SALE from this place in 198	-	_		•	Asparagus				een	
1 YES - Complete th	is section 2		☐ —Go to sect	tion 5	Beans, snap (bush and	) pole)		Peas, Engl	ish, green	
<b>NOTE</b> – For Florida report for September 1, 1984 through August 31, 1985 harvest season; for all	Acres		Acres irrigat	ted			1		green south	
other States report for calendar year 1985.		Tenths	Whole acres				385	Peppers, s	weet	443
1. Land from which vegetables were harvested in 1985	375	/10	376	/10	Cantaloups	and	1		ot	
2. From the list on the right, enter the crop nar	me and code for	each cro	n harvested	لتبيينا		ns	390			
in 1985. If more than one vegetable crop w report acres for each crop. Report crops gro	vas harvested fr	om the s	same acres,		Cauliflower	· · · · · · · · · · · · · · · · · · ·	399 <sup>†</sup> '	(cowpeas	eas, green ) — blackey etc	
Crop name Code	Acres harve	sted	Acres irrigat	ed						
		/10	1	/10		and pickles		•		
	1	/10	1 1	/10		· · · · · · · · · · ·			n	
	1	/10	1	/10	Honeydew	melons	423 -	Turnips		465
	<u>† − </u> †	/10	1 ]	/10		romaine s, green			ens	
	1	/10	1			eens	431 (	Other vege		
If additional space is needed to enter crops, use sepa	arate sheet of pape			/10	Onions, dry				FORM 85-A2	

164 APPENDIX F

thi ₁ [	YES	under glas n 1985?		;, vegetable s protection, Gi	ROWN FO	R SALE on		Bulba	s (exclu	nts (include vegetable ; ide bulb flowering plan	ts)4
۰ L م آ	123 · ]NO ·	— Go to sec			<u> </u>	Area irrigated	1		flowers	and cut florist greens	4
∠ ∠ Nursery and g				None	Square fe	et Acres 478	Tenth	- Nurs		ps — ornamentals, fruit ees, and vines	
Nursery and g	reennouse	e crops img	ateu in 190:	<b>5</b>	Ĺ		<u> </u>	0		its	
From the list o	on the right	t, enter the	crop name a	ind code for ea	ach crop gi	rown.			• •	plants	
Crop na	ame	Code	Square fe under glass	sor in 19		Sales in 1	985	Musi	hrooms	ted	(
			other protec in 1985		Tenths	Dollars	Cen			nd flower seeds	
				1	2		00	-		vegetables	
			+	1	1 /10 \$					ecify	
			<u> </u>		/10 \$	<u>_</u>	00	- ·	•	•	
					/10 \$		00			nal space is needed e separate sheet of	
S6 F0	R SALE fr	om this plac	ES, CRANBI e in 1985? ( this section	ERRIES, or OT Exclude those 2   NO	HER BERR grown for — Go to	home use)	d	Blaci		and dewberries (pou	
m the list on t cified with cr		nter crop n	ame and coo	ie. Report qua	ntity harv	ested in unit				wild (pounds)	
		11	Acres hanves	ted		A	igated			s (100-ib. barreis)	
Crop name			Acres harves	——— ()uantity	harvested	Acres irr Whole acres		_		(pounds)	
		<u>       </u>		1	. <u> </u>	2	-+	Stray		s (pounds)	
		<u>↓</u>		/10			1/1	0		•	
			1	1		4	1	I All O	THE DE	rries (pounds) — Specif	<b>y</b>
			1	/10			1 /1	0			
	TRUS, ar	nd NUT TR	EES ON TH	/10 /10 O or more FRU IS PLACE in	1985?		/1     /1   GRAI	0 cro	dditio ps, us	nal space is needed te separate sheet of <b>Noncitrus crop</b> Apples Apricots	f paper C
S7 1 TOTAL ACR trees on this p	TRUS, ar YES - ES in bear blace. (Do	nd NUT TR - Complete ing and nor not include Total Whole acres 121 t, enter nam	EES ON THe this section abearing frui abandoned acres	1 10 or more FRU 11S PLACE in 2 NO it orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr	- Go to se trus or othe gated Tenths / /10 rees, grape	ection 8 er groves, vii evines, and n	<b>J</b> <b>J GRAI</b> neyard:	s on this	ddition ps, us <b>S,</b> ut	nal space is needed e separate sheet of Noncitrus crop Apples	f papel C t ht ntity for gh fresh
From the list of place in 1985	TRUS, ar YES - ES in bear blace. (Do bon the righ Report th ge from ha	nd NUT TR — Complete ring and nor not include Total Whole acre 121 t, enter nam- he requeste il, frost, etc	EES ON THe this section abearing frui abandoned acres as Tenths (10) ne and code d informatio	1 10 or more FRU 11S PLACE in 2 NO 11 orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each croo Acres in tree	- Go to so rrus or othe Tenths / Tenths / /10 ees, grape p even if m	ection 8 er groves, vii evines, and n	I GRAI	s on this se of low	ddition ps, us <b>S</b> , ut	nal space is needed re separate sheet of Noncitrus crops Apples	f paper C t
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR — Complete ring and nor not include Total Whole acre 121 t, enter nam- he requeste il, frost, etc	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1 1 10 or more FRU 11S PLACE in 12 NO 11 orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each cro Acres in tre and vines of ages	- Go to so trus or othe gated Tenths //10 rees, grape p even if n ses f all	ection 8 er groves, vii evines, and n	ut tree becau Unit c (M	s on this se of low	dditio ps, us <b>S</b> , ut w	nal space is needed is separate sheet of Noncitrus crops Apples Avocados Cherries, sweet Cherries, trat Grapes, fresh weig Olives (Report quai Sept. 1984 throu March 1985 harv season) Peaches Prunes, dry weight Other noncitrus – Specify Citrus crops Report quantity har the 1984–1985 ha Grapefruit	f paper f paper t
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet ing and nor not include Total Whole acre 121 t, enter nam- ne requeste il, frost, etc NUMBER OI VINES	EES ON TH e this section bearing frui abandoned acres acres 	1 1 10 or more FRU 11S PLACE in 12 NO 11 orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each cro Acres in tre and vines of ages Whole acres T	- Go to so trus or othe gated Tenths //10 rees, grape p even if n ses f all	ection 8 er groves, vir evines, and n iot harvested Quantity	ut tree becau Unit c (M	s on this se of low	dditio ps, us <b>S</b> , ut w	nal space is needed re separate sheet of Noncitrus crops Apples	f paper f paper c c c c c c c c c c c c c c c c c c c
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1 1 10 or more FRU 11S PLACE in 12 NO 11 orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each cro Acres in tre and vines of ages	- Go to so trus or othe gated Tenths //10 rees, grape p even if n ses f all	ection 8 er groves, vir evines, and n iot harvested Quantity	ut tree becau Unit c (M	s on this se of low	dditio pps, us <b>S</b> , ut Lb xes pe bo	nal space is needed re separate sheet of Noncitrus crops Apples Avocados Cherries, sweet Cherries, sweet Grapes, dry weigh Grapes, fresh weig Olives (Report quai Sept. 1984 hnou March 1985 harv season) Peaches Pears Prunes, dry weight Other noncitrus – Specify Citrus crops Report quantity har the 1984–1985 harv Sector guantity har the 1984–1985 harv Citrus crops Report quantity har the 1984–1985 harv Cranges Cranges	f paper f paper c c c c c c c c c c c c c c c c c c c
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1 1 10 or more FRU 11S PLACE in 12 NO 11 orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each cro Acres in tre and vines of ages Whole acres T	- Go to so trus or othe gated Tenths //Tenths //10 rees, grape f all //10 3	ection 8 er groves, vir evines, and n iot harvested Quantity	Unit c Unit c Lbs.	s on this s on this se of low of measu <i>ark one</i> ) Tons Bo	w w w ure Lb ye b 5 1 5	nal space is needed re separate sheet of Noncitrus crops Apples Avocados Cherries, sweet Cherries, trat Grapes, frysh weigh Olives (Report quant Sept. 1984 throu March 1985 harv season) Pears Plums and prunes, weight Prunes, dry weight Other moncitrus - Specify <b>Citrus crops</b> Report quantity har the 1984–1985 ha Grapefruit Limes Oranges Tangeines Other citrus -	f papel f papel c t. t. t. t. t. t. t. t. t. t. t. t. t.
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1 2 Or more FRU 11S PLACE in 2 NO it orchards, cit acres.) Acres irrig Whole acres 122 for the fruit tr on for each croo Acres in tre and vines or ages Whole acres T 2	- Go to so trus or othe gated Tenths //10 rees, grape p even if n ees f all //10	ection 8 er groves, vir evines, and n iot harvested Quantity	Unit c (M Lbs.	s on this s on this se of low f measu ark one) Tons Bo	w w w ure Lb ye b 5 1 5	nal space is needed re separate sheet of Noncitrus crops Apples	f paper f paper c c c c c c c c c c c c c c c c c c c
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1         /10         Oor more FRU         IS PLACE in         12         NO         it orchards, cit         acres.)         Acres irrig         Whole acres         122         for the fruit tr        on for each crossing         Acress in treat         and vines or         ages         Whole acress T         2         2         2	- Go to so trus or othe gated Tenths //Tenths //10 rees, grape f all //10 3	ection 8 er groves, vir evines, and n iot harvested Quantity	ut tree becau Unit c (M Lbs. 4 1 1 4 1	s on this s on this se of low of measu <i>ark one</i> ) Tons Bo	Addition ps, us s, ut Lb xes bo 15 15 15 15	nal space is needed re separate sheet of Noncitrus crops Apricots	f papel f papel c t t t t t t t t t t t t t t t t t t
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1 1 1 1 1 1 1 1 1 1 1 1 1 1	Go to so trus or othe rus of rus of rus  ection 8 er groves, vin evines, and n iot harvested Quantity	Unit c (M Lbs. 4 1 1 4 1 1 4	s on this s on this se of low f measu ark one) Tons Bo 2 3 1 2 3 1 2 3 1	Addition ps, us <b>S</b> , ut Lb xes bo 5 1 5 1 5 1 5	nal space is needed re separate sheet of Noncitrus crops Apples	f papel f papel c t. t. t. t. t. t. t. t. t. t. t. t. t.	
From the list of place in 1985 prices, damag	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1         /10         Oor more FRU         IS PLACE in         12         NO         it orchards, cit         acres.)         Acres irrig         Whole acres         122         for the fruit tr        on for each crossing         Acress in treat         and vines or         ages         Whole acress T         2         2         2	- Go to so trus or othe gated Tenths //10 rees, grape p even if n eeths //10 //10 //10 //10 //10 //10 //10 //1	ection 8 er groves, vin evines, and n iot harvested Quantity	Unit c (M Lbs. 4 1 4 1 4 1 4 1 4	s on this s on this se of low f measu ark one) Tons Bo 2 3 2 3 2 3 2 3 2 3 2 3 2 3 3	Addition pps, us <b>S</b> , ut Lb xes bo 5 1 1 1 1 1 1 1 1 1 1 1 1 1	nal space is needed Re separate sheet of Noncitrus crops Apples Avocados Cherries, sweet Cherries, tart Grapes, fresh weig Olives (Report quai Sept. 1984 throu March 1985 harv season) Praches Prunes, dry weight Other noncitrus – Specify Citrus crops Report quantity har the 1984–1985 harv Season Prunes, dry weight Other noncitrus – Specify Citrus crops Report quantity har the 1984–1985 harv Specify Citrus crops Report quantity har the 1984–1985 harv Specify Citrus crops Report quantity har Cher citrus – Specify Other citrus – Specify Nut crops (Report quantity Almonds	f papel f papel c c c c c c c c c c c c c c c c c c c
S7 CI 1 TOTAL ACR trees on this p	TRUS, ar YES ES in bear blace. (Do on the righ . Report th ge from ha	nd NUT TR - Complet - Complet	EES ON THe this section abearing frui abandoned acres as Tenths //10 me and code d informations FTREES OR OF Bearing	1         /10         Or more FRU         IIS PLACE in         2       NO         it orchards, cit         acres.)         Acres irrig         Whole acres         122         for the fruit tr         for the fruit tr         and vines or         ages         Whole acres T         2         2         2         2         2         2         2	Go to so trus or othe rus of rus of rus  ection 8 er groves, vin evines, and n iot harvested Quantity	Unit c (M Lbs. 4 1 1 4 1 1 4	s on this s on this se of low f measu ark one) Tons Bo 2 3 1 2 3 1 2 3 1	Addition pps, us <b>S</b> , ut Lb xes bo 5 1 1 1 1 1 1 1 1 1 1 1 1 1	nal space is needed is separate sheet of Noncitrus crops Apples Avocados Cherries, sweet Cherries, trat Grapes, fry weight Grapes, fresh weig Olives (Report quantity season) Peaches Pears Piums and prunes, weight Prunes, dry weight Other noncitrus – Specify Citrus crops Report quantity har the 1984–1985 hav S. Grapefruit Tangelos Tangelos Tangelos Other citrus – Specify	f paper f paper c c c c c c c c c c c c c c c c c c c	

grains, field s			om this place in 1985 previously reported?	- small	Сгор п	âme	Code
58		• •	NO - Go to section	9	Barley fo	eed (pounds) or grain (bushels)	079
			<b>_</b>		(hundre	ry edible (excluding dry lim edweight)	554
From the list on the right, ento specified with crop name.	er the cr	op name and code.	Report quantity harves	sted in unit	Buckwhe	dry lima (hundredweight). eat (bushels)	575
Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated	(report	for dry fodder, hogged or g acres only)	581
Sweetpotatoes and yams	100	/10	101	102	Emmer a	and spelt (bushels)	599
	700	1/10	Bu.	2 /10	Flaxseed	l (bushels)	605
	+		1	2	Lespede	y bluegrass seed (pounds) za seed (pounds) oil (pounds of oil)	638
			1	2	Peanuts	for nuts (pounds)	656
· · · · · · · · · · · · · · · · · · ·			1	2	Popcorn	(pounds, sheiled)	662
	 		1	2	Rice (hu	rer seed (pounds) ndredweight)	677
- <u> </u>				2	Ryegras	grain (bushels) s seed (pounds)	689
					Sorghur	er (pounds)	
			1	2	Sorghum	n hogged or grazed (report only)	
			1	2	(tons, g	n for silage or green chop green)	
			1	2	Sugarca	eets for sugar (tons) ne for sugar (tons) ne for seed (tons)	722
· · · · · · · · · · · · · · · · · · ·			1	2	Sunflow	er seed (pounds)	734
If additional space is needed	to enter	crops, use separat	e sheet of paper.	Ι		ops (pounds) - Specify	
S9 <b>INFORMATIC</b> Report your best estimate the landlord's and/or contr	ON SHE of the v	<b>ET, Section 9.)</b> alue for each of the	this place in 1985, Bl following groups of cr necessary. Include value	ons sold from this	olace in 1	985. Include the value	le of
<b>1.</b> Grains, soybeans and othe	r beans	sold in 1985			None	Dollars 773	Cents
<b>a.</b> Corn for grain	••••		•••••	••••••	. 🗆	\$	00
<b>b.</b> Wheat	••••		•••••		. 🗆	\$ 775	00
<b>c.</b> Soybeans					🗆	\$ 776	00
<b>d.</b> Sorghum for grain						\$ 777	00
<b>e.</b> Barley					. 🗆	\$ 778	00
f. Oats					. 🗆	\$ 779	00
<b>g.</b> Other – rice, dry beans,	, dry pea	as, flaxseed, popco	orn, safflower, sunflow	er seed, rye, etc	🗆	\$	00
2. Cotton and cottonseed	••••		••••••		. 🗆	\$ 781	00
<b>3.</b> Tobacco					🗆	\$	00
<b>4.</b> Hay, silage, field seeds, a	nd gras	s seeds			. 🗆	\$	00
5. Vegetables, sweet corn, a them in item 7 below						\$	00
<b>6.</b> Fruits, nuts, berries – appl					_	784 \$	00
<ul> <li>7. Other crops – Irish potatoe mint for oil, etc. (Exclude r</li> </ul>	es, swee	etpotatoes, peanut	s, sugar beets, sugarca		· •	785	
Specify			·			\$	00



SECTION 10 GOVERNMENT CCC LOANS	
\$10	
1. Amount received in 1985 from Government CCC loans for - (Include regular and reserve	
loans, even if redeemed or forfeited.) None Dollars	Cents
a. Corn, sorghum, barley, and oats	00
b. Wheat	00
<b>c.</b> Cotton	00
d. Soybeans, peanuts, rye, rice, tobacco, and honey	1 00
SECTION 11 LAND USE IN 1985 S11	
1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1	
<b>NOTE:</b> For items 2 to 5 below, if the same land had more than one use in 1985, REPORT THAT LAND ONLY ONCE - use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropl harvested."	— in the land
2. CROPLAND None Numi	ber of acres
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products	
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements	
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	
d. Cropland on which all crops failed – (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)	
e. Cropland in cultivated summer fallow	
f. Cropland idle	
<b>3.Woodland</b> – Include all woodlots and timber tracts and cutover	
and deforested land with young timber growth.	
<ul> <li>4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture</li> <li>5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in<sup>797</sup></li> </ul>	
items 2 through 4 above	
6.TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)	
SECTION 12 Was any LAND in this place IRRIGATED at any time in 1985?	
Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.	mber of acres
<sup>S12</sup> 1 $\square$ YES – Complete this section 2 $\square$ NO – Go to section 13	irrigated
1. How many acres of harvested land were irrigated?	
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	
SECTION 13 Did you or anyone else have any SHEEP or LAMBS on this place in 1985?	
S13 1 $\square$ YES – Complete this section 2 $\square$ NO – Go to section 14 [INVENTORY] NUM	
Number on this	MBER SOLD in 1985
1. SHEEP and LAMBS of all ages	
826	
a.EWES 1 year old or older	<u></u>
Number shorn Pounds of w None in 1985 shorn in 19	
None in 1985 shorn in 19	
2.SHEEP and LAMBS SHORN	
Gross value of	sales
None Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1985?	00
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SECTION 14	Did you or anyone else have any CATTLE or CALVES on this place in 19	985?				
S14	1 YES - Complete this section 2 NO - Go to section 1	15		Γ	INVENTOR	
• DEC	CEMBER 31, 1985 INVENTORY		I	None	Number on place Dec. 31,	
1. CATTL	E AND CALVES of all ages (Total of a, b, c, and d below)				303 T	otal
	· · · · · · · · · · · · · · · · ·				304	eef
a. BEE	F COWS — Include beef heifers that had calved				с 305	ows
	K COWS kept for production of milk or cream for sale or home use — Include cows and milk heifers that had calved					lilk ows
					а	leifers nd heifer
C. HEII	FERS AND HEIFER CALVES — (Exclude heifers that had calved)	• • • • •				alves teers and
d. Ste	ERS, STEER CALVES, BULLS, AND BULL CALVES	• • • • •				ulis of Il ages
• CA1	ITLE AND CALVES SOLD FROM THIS PLACE IN 1985	ſ			Constant	
Inclu	ude those fed on this place on a contract or custom basis. Also report old cattle moved from this place to a feedlot for further feeding.	None		er sold 985	Gross value o Dollars	OT sales
			808		809	1
2. Calves	weighing less than 500 pounds	+	810		\$	00
3. Cattle,	including calves weighing 500 pounds or more				\$	00
						1
a. Of t	he total cattle sold, how many were FATTENED on this place on GRAIN or NCENTRATES for 30 days or more and SOLD for SLAUGHTER?	-	812		813	
	NCENTRATES for 30 days of more and SOLD for SLAUGHTER?				\$	00
• DA	IRY PRODUCTS SOLD FROM THIS PLACE IN 1985				RY PRODUCTS s value of sales	
A Grocov	value of sales of DAIRY PRODUCTS from this place in 1985 — Include milk,	١	None 81	_	ollars Cen	ts
	butter, etc.				00	<b>b</b>
SECTION 15	Did you or anyone else have any HOGS or PIGS on this place in 1985?					
\$15	1 YES - Complete this section 2 NO - Go to section :	16				
				Γ	INVENTO	
• DE	CEMBER 31, 1985 INVENTORY		1	None	Number on place Dec. 31,	
<b>1</b> .HOGS	and PIGS of all ages — (Total of a and b below)				815	Total
	GS and PIGS used or to be used for BREEDING				816	Breeding
	HER HOGS and PIGS				817	Other
	TERS FARROWED			L_		
	RS FARROWED on this place between —		No		Number of litters	
	ember 1, 1984 and May 31, 1985		[	818		
<b>b.</b> Jun	ne 1, 1985 and November 30, 1985		[	819	)	
			Number	-	Gross value of	sales
• но	IGS AND PIGS SOLD	_	sold in 1985		Dollars	Cents
	and PIGS SOLD from this place in 1985	820		82	: 1	
	hogs and pigs sold, how many were sold as FEEDER PIGS	822		\$ 82	23	00
	ther feeding?			\$	_	00
Page 6					FORM 85-A	2 (10-31-85)

SECTION 16 Did you or anyone else have SPECIALTIES in 1985?	any HORSES	, BEES, FIS	H, GOATS	s, oti	IER LIVESTOCK,	or AN	IMAL
S16							
1 YES — Complete this section	INVENTO				Gross value of s	sales	
2 NO – Go to section 17 None	Number of this place Dec. 31, 19	e s	otal quantit old in 198		Dollars	Cents	
<b>1.</b> Horses and ponies of all ages	830	831	Nu	mber	832	00	1
	839	840			842	1 00	List A
		841	_	mber unds	\$	ŀ	
<b>2.</b> Colonies of bees				ney	\$	00	Name Code
	843	844	Nu	mber	846	1	Other goats
3. Milk goats	,	845	Ga	llons	2		donkeys
	847	848	mil	k	\$	00	Mink and their pelts 836 Rabbits and their pelts 854
				mber		i 1	All other livestock and
<b>4.</b> Angora goats		849		unds hair	\$	00	livestock products – Specify
5. Other livestock or animal specialties in captivity (Enter name and code from "List A" on the right.)		1			2	   	List B
Name Code			Nu	mber	\$	į 00	Nama Cata
	and [		1	Gros	s value of sales		Name     Code       Catfish     860
6. Fish and other aquaculture products (Enter name code from ''List B'' on the right.)	and Tota	I quantity solo	in 1985		oliars Cents		Trout
			Pounds	2			Other fish - Specify 866
Name Code If additional space is needed, use separate sheet	(1		Number	\$	00		Other aquaculture products - Specify 869
<ul> <li>on this place in 1985? (Include 1 YES - Complete this set 2 NO - Go to section 18</li> <li>1. HENS and PULLETS of laying age</li> <li>2. Pullets for laying flock replacement <ul> <li>a. PULLETS 3 months old or older not yet of laying</li> <li>b. PULLET CHICKS and PULLETS under 3 month (Exclude commercial broilers)</li> </ul> </li> <li>3. BROILERS, fryers, and other meat-type chicked and roasters</li></ul>	etion ng age s old ms including ca geese, pigeor	None	INVEN Numb	TORY er on lace	Total number sold in 1985 893 895 899 901 903	F	Name Code Ducks
the list on the right.) Poultry name		ode			1	_	
Poultry name	C	ode	L				
<ol> <li>POULTRY HATCHED on this place in 1985 and p sold – chickens, turkeys, ducks, etc. – Specify 1</li> <li>Incubator egg capacity on December 31, 7</li> </ol>	kind of poultry		· · · · · · · ·			None - 🗌 - 🔲	Number 916 917
		None		oliars	cents		
8. What was the gross value of sales of poultr products (eggs, etc.) from this place in 198		_	918 \$		00		
FORM 85-A2 (10-31-85)							Page 7

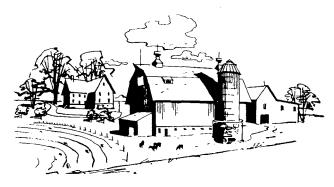
SECTION 18       TYPE OF ORGANIZATION       Mark (X) the one item which best describes the type of organization for this place in 1985. Refer to the INFORMATION SHEET, Section 18.         \$18       921
• FAMILY or INDIVIDUAL operation — (Exclude partnership and corporation) 1
• PARTNERSHIP operation — Include family partnerships
• INCORPORATED UNDER STATE LAW
• OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc 4 Specify below then go to section 20,
Specify
SECTION 19         CORPORATE STRUCTURE (for incorporated operations only)           S19         Refer to the INFORMATION SHEET, Section 19.
1. Is this a family-held corporation?
2. Are there more than 10 stockholders?
SECTION 20         CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge)           S20         Refer to the INFORMATION SHEET, Section 20.
923  1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place?
928 2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1985? For partnerships consider all members of the partnership together 1 Farming 2 Other or ranching
<ul> <li>3. OFF-FARM WORK - How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1985? Include work at a nonfarm job, business, or on someone else's farm for pay. (Exclude exchange farmwork).</li> <li>3. OFF-FARM WORK - How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1985? Include work at a nonfarm job, business, or on</li> <li>4. 100-149 days</li> <li>5. 150-199 days</li> <li>6. 200 days or more</li> </ul>
060 4. In what year did the operator (or senior partner) begin to operate any part of this place?
925
5. AGE of operator (senior partner or person in charge)
6. RACE of operator (senior partner or person in charge)
7. SEX of operator (senior partner or person in charge)
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?
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Page 8

SECTION 21	Was any COMMERCIAL FERTILIZER, including ROCK PHOS	PHATE, or LIME used o	n this place during 1985?
S21			
	1 VES - Complete this section 2 NO - Go to		
	1 YES - Complete this section 2 NO - Go to	section 22	None Arrestantilland
			None Acres fertilized
1. Acres of cr	ropland fertilized in 1985 (Exclude cropland used only for pastures re	ported in section 11, item	
2. Acres of pa	astureland and rangeland fertilized in 1985 reported in section 11, it	ems 2b and 4	933
			ns of lime Acres limed
	ns of lime used and acres on which applied (Do not include land plast r lime for sanitation)		335
SECTION 22	Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEM	ATICIDES, OTHER PES	STICIDES, or
S22	OTHER CHEMICALS used on this place in 1985?		
	1 $\Box$ YES – Complete this section 2 $\Box$ NO – Go to	section 23	
	y materials provided by you, your landlords, or contractors. For each pose chemicals were used, report acreage treated for each purpose.	item listed, report acres o	only once.
			Number of acres
1. Sprays, du	sts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nen	naticide) to control —	None on which used
a Insects	on crops, including hay		936
í			937
D. Nemato	odes in crops		938
C . Disease	es in crops and orchards (blights, smuts, rusts, etc.)		🗆 🔄 🔄
	grass, or brush in crops and pasture		939
Include	both pre-emergence and post emergence		940
2. Chemicals	for defoliation or for growth control of crops or thinning of fruit.		🗆 🗌 🔤
SECTION 23	MACHINERY AND EQUIPMENT ON THIS PLACE ON DECEM	REP 31 1985 (Include	only againment used
S201101723	for agricultural operations in 1984 or 1985.)		ony equipment used
• Value o	f ALL machinery and equipment on this place, December 31, 1	985	Estimated market value
	e estimated market value of ALL machinery, equipment, and impleme		Dollars Cents
harrows, d	used for the farm or ranch business? Include cars, trucks, tractors, co Iryers, pumps, motors, irrigation equipment, dairy equipment includii	ng milkers and bulk	943
tanks, live	stock feeders, grinding and mixing equipment, etc		\$ 00
			Of the total, HOW MANY
		Total number on this place on	were manufactured in the
SELEC     Decemi	TED machinery and equipment on this place, ber 31, 1985. (Report only if used in 1984 or 1985.) None	December 31, 1985	last 5 years (1981 – 1985)?
		944	945
		946	947
J	tors other than garden tractors and motor tillers – an 40 horsepower (PTO)		
	epower (PTO) or more	948	949
		950	951
4. Grain and I	bean combines, all types	956	957
5. Cotton pic	kers and strippers	958	959
	Inditioners	960	961
L	ers – Include rectangle and round balers		
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SEC	TION 24 PRODUCTION EXPENSES paid by you and others for this place in	1985			]
live	s24 ude your best estimates of expenses paid by you, your landlord, contractors stock, and other agricultural products in 1985. DO NOT INCLUDE expenses ration of nonfarm activities, businesses, or services; or household expenses	connected with performin	ng custo	mwork for others;	
			None	Dollars	Cents
1.	Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep,			972	1
	ambs, goats, horses, chicks, poults, started pullets, etc.		. 🗆	\$	00
			_	973	
2.	Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, co	oncentrates, etc	. []	\$	i 00
	a. Commercially mixed formula feeds purchased – complete, None	Dollars	Cents	1	
	supplement, concentrates, premixes. (Exclude ingredients purchased separately, such as soybean meal, cottonseed meal,	974	1		
	and urea)	\$	00		
-				975	1
3.	Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased		. 🗆	\$	00
				976	
4.	Commercial fertilizer purchased — all forms, including rock phosphate				00
	and gypsum. Include cost of custom application. (Exclude lime)		. 🗆	\$ 977	<u>i 00_</u>
	Agricultural chemicals purchased — Insecticides, herbicides, fungicides,		<u> </u>		1
	other pesticides, etc. — Include cost of custom applications		. 🗆	\$	00
	Gasoline and other petroleum fuel and oil purchased for the farm business		_		
	<b>a.</b> Gasoline and gasohol		. 🗆	\$	00
	<b>b.</b> Diesel fuel			\$	00
			_	980	
	<b>c.</b> LP gas, fuel oil, kerosene, natural gas, motor oil, and grease		. 🗆	\$ 981	00
7	Electricity for the farm business (Exclude household expenses)				
7.	Electricity for the farm business (Exclude household expenses)		. ப	\$ 982	00
	Hired farm or ranch labor — wages and salaries paid, social security contributi insurance, unemployment compensation, etc. (See Information Sheet)			\$	00
				983	
9.	Contract labor — Include expenditures for labor, such as harvesting of fruit, ve berries, etc., performed on a contract basis by a contractor, crew leader, a cooper			\$	00
			. —	984	
10.	Repairs and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment			\$	00
			. —		
11.	Customwork, machine hire and rental of machinery and equipment — Inclu equipment and for customwork such as grinding and mixing feed, plowing, comb	ide expenditures for use of pining compleking drying		985	I
	silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning and	application of fertilizer and			
	chemicals.)		. 🗆	\$	00
12.	Interest paid on debts for the farm business - (Refer to Information Sheet, se	ction 24)		986	1
	a.Secured by real estate		. 🗆	\$	00
	<b>b.</b> Not secured by real estate			987 \$	00
	which source by feel estate		. 🖵	988	
13.	Cash rent paid for land and buildings in 1985		. 🗆	\$	00
				989	
14.	<b>Property taxes paid</b> — Include farm real estate, machinery, livestock, etc. for the farm business. (Exclude taxes paid by landlords)		. 🗆	\$	00
				990	1
	All other production expenses — Include insurance, water, animal health cost marketing charges, miscellaneous farm supplies, etc. (Exclude depreciation, hou		_		l I
	expenses, and expenses not associated with the farm business)		. 🗆	\$	00
	marketing charges, miscellaneous farm supplies, etc. (Exclude depreciation, hou expenses, and expenses not associated with the farm business)	sehold	. 🗆		-A2 (10-31-

SECTION 25	ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS			
s25 Please	give your best ESTIMATE of the CURRENT MARKET VALUE of land and build	ings	Estimated market val of land and building:	
for the	acres reported in section 1, items 1, 2, and 3, page1.	None	Dollars	Cents
			996	- Ounca
<b>1</b> . All land	owned		\$ 997	00
<b>2 .</b> All land r	ented or leased FROM OTHERS		\$ 998	00
3. All land r	ented or leased TO OTHERS		\$	00
SECTION 26	INCOME FROM FARM - RELATED SOURCES IN 1985			
\$26	Report amount received before taxes and expenses.		Farm-related incon	ne
		None	Dollars	Cents
			991	
plowing	nwork and other agricultural services provided for farmers and others — g, planting, spraying, harvesting, preparation of products for market, etc. (If work is a separate business, refer to Information Sheet, section 26)		\$ 992	00
2. Paymer Commo	nts you received for participation in Government farm programs — ( <i>Exclude</i> odity Credit Corporation (CCC) loans)		\$ 993	00
receive	cash rent or share payments received from renting out farmland or payments d from lease or sale of allotments — Include payments for livestock pastured r-head basis, per-month basis, per-pound basis, etc.		\$ 994	00
<b>4.</b> Sales of stores	of forest products and Christmas trees — Include maple products, naval , firewood, etc		\$	00
dividen	arm-related income, including recreational services, patronage ds of cooperatives, sales of by-products, and other business or which is CLOSELY RELATED to the agricultural operations on ce —		995	
Specify	/ kind		\$	00
			<b>•</b>	
SECTION 27 Name	PERSON COMPLETING THIS REPORT - Please print	999 D	ate	
Telephone	Area code	N	umber	
FORM 85-A2 (10-31-8	5)			 Page 11



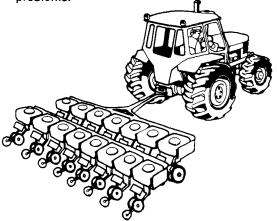
# Why a Census?

A national census of agriculture is the only detailed source of information about America's agricultural production. It's a measurement of where farmers and ranchers stand, their farm supply needs, their production costs and cropping systems, and how trends are changing.

Agricultural data are gathered by other groups—but the census of agriculture is the Nation's only comprehensive program for the entire agricultural industry. Census information is sought by land-grant universities in research projects, by those who serve farmer and agribusiness clients, by farm organizations to evaluate and analyze programs, and by lawmakers to help meet the changing needs of America's largest industry.

# How Are Census Data Used?

- Farm suppliers of fertilizer, seed, and equipment use census data to meet your needs for products.
- Your farm organization uses census data to evaluate and propose programs and policies that affect you.
- Marketing and distribution facilities are built based on census data to help you market your products.
- New technology is developed for your use by researchers using census data.
- Your elected representatives use census data to develop programs to help solve agricultural problems.



# Who Plans the Questions?

Representatives of farmers and ranchers work with Census Bureau officials to determine what needs to be asked on the census report form. These representatives are leaders in the agricultural industry representing commodity organizations, States, suppliers of agricultural products, and universities, and include such organizations as:

American Farm Bureau Federation National Cattlemen's Association National Council of Farmer Cooperatives National Farmers Organization National Farmers Union The National Grange Agricultural Publishers Association American Agricultural Economics Association American Feed Industry Association American Meat Institute Association of Research Directors, Inc. **Conference of Consumer Organizations** Farm and Industrial Equipment Institute National Agri-Marketing Association National Agricultural Chemicals Association National Association of State Departments of Agriculture National Association of State Universities and Land-Grant Colleges National Food Processors Association **Rural Sociological Society** The Irrigation Association U.S. Department of Agriculture

# What Happens to the Data?

Data are published only in tabulated totals—by State and county. No one but sworn Census Bureau employees see individual report forms, under penalty of law. Individual report forms are strictly confidential. Not even the Federal Freedom of Information Act can cause your report data to be made public.



The Census Bureau cannot, by law, provide individual data to other government agencies. No one may have access to your completed form except you.

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# 1986 "Short" Form Pretest Report Form 86-A04

96 A04	NOTION		<u> </u>		BNG 0601 0501 ApprovarExp	
FORM 86-A04 U.S. DEPARTMENT OF COMMERCE 111-21-86) BUREAU OF THE CENSUS	THE CENSUS B	ponse to this inquiry is require UREAU IS CONFIDENTIAL.	It may b	e seen only by s	worn Census employees	and may be used
	The law also pro	cal purposes. Your report CA ovides that copies retained in	NNOT be your file	s are immune fro	ses of taxation, investiga	tion, or regulation.
UNITED STATES	In correspond	ence pertaining to this repo	ort, plea	se refer to your	Census File Number (C	(FN)
OF AGRICULTURE						86-A04
A CENSUS VAA						
Please complete this BUREAU OF THE CENSUS form and RETURN TO 1201 East Tenth Street						
Jeffersonville, IN 47133						
Note - If your records are not available, reasonable estimates may be						
used. Please complete and return this form within 10 days after receipt.	Ì					
If you received more than one						
Census File Number(s) here	i i					
and return extra copies with your completed report.						
CENSUS 035 036 037 038						
USE 039 040 041 042	Blassa and	rect errors in name, address,		C. J. CATCO		
	riease con		anozie	LODE. ENTERS		iown.
SECTION 1		<ul> <li>SECTION 4 CROPS</li> <li>PART A - CROPS H</li> </ul>	ABUES	TED / "?"	10 DI AAEN 1- 4000	
<ol> <li>During 1986, did you grow any crops or have any livestock or poultry or agricultural products for home use or for sale? Examples: grains, hay, nurser</li> </ol>	ry and				rented to others.)	
greenhouse crops, fruit, vegetables, cattle, hogs, sheep, poultry, goats, horses, furbearing animals, fish in captivity, and other animal specialties. (Do not include	, bees,					Gross value of
or livestock on land rented to others.)				Acres harvested	Quantity harvested	Crops sold from "THIS PLACE"
$\Box$ YES - Please skip to section 2 $\Box$ NO - Go to item 2,	- 1		None	103	104 7005	Dollars Cents
2. Mark (X) the item(s) below that describes the addressee's relationship to		1. Alfalfa hay	🗆		dry	<sup>782</sup> \$ 00
agriculture and skip to section 10.		2. Other hay -		109	110 Tons.	782
Landlord only – rented land to others and had no separate crop	or ranch.	Specify kind	- []	067	068 dry	\$ 00
or livestock operation.	1	3. Corn for grain or seed	L	086	Bu	\$ 00
No longer operating - Sold farm or		4. Soybeans for beans	🗆		Bu.	\$ 00
ranch or quit farming.		5. Wheat for grain	🗆	073	074 Bu.	\$ 00
Land idle and not used for		6. Tobacco – all types	П	1094	095 Lbs.	<sup>781</sup> \$ 00
agriculture production in 1986.		7. Potatoes, Irish - (Do	🖵	097	098	785
SECTION 2 ACREAGE IN 1986 Report land owned, rented, or u your spouse, or by the partnership, corporation, or organized by the partnership or portion.		not include those grown for home use.)	🗖	. 10	Cwi.	s 00
which you are reporting. Include ALL LAND, REGARDL	ESS OF	8. Vegetables for sale (Do not include those		375		783
LOCATION OR USE - cropland, pastureland, rangelan woodland, idle land, house lots, etc.		grown for home use.	🔲	10		s 00
	lumber of acres	Specify kind		i		784
1. All land owned		9. Fruit orchards, citrus,	<b></b> ا	Total acres	-	
2. All land rented or leased FROM OTHERS, including land worked		vineyards, and nut tre	es 🛄	10		\$ <u> </u> 00
by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad	44	Specify fruit here		/10		
land. (DO NOT include land used on a per-head basis under a		10. Other crops —For addi	itianal oro			http://www.Report
	45	quantity harvested in the part B.)	e unit spe	cified with crop n	ame. (Report nursery and	greenhouse crops in
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.				<u> </u>		Gross value of
4. Acres in "THIS PLACE" - ADD acres owned (item 1)	046	Crop name	Code	Acres	Quantity harvested	crops sold from "THIS PLACE"
and acres rented (item 2), then SUBTRACT acres rented				harvested		Dollars Cents
TO OTHERS (item 3), and enter the result in this space.				†	1	\$ 00
If the entry is zero please refer to the back of the cover letter.	1		-+		1	\$ 00
P. Otabaland			-+	<u> </u>	1	1
5. Of the land you rented or leased to others, how many oss acres did you own?	Acres	If more space is needed, use a	senarate	sheet of paner.		\$ 00
County nam		Crop name	ooporato		Crop name	Code
6. In what county was the largest value of your agricultural		Berries for sale (pounds) - Corn for silage or green chop	Specify	een) 539	Field seeds and grass see Oats for grain (bushels)	ds (pounds) 770
products raised or produced?		Cotton (bales)	· · · · · · · · ·	091	Other crops (pounds) - S	pecify 752
SECTION 3 LAND USE and IRRIGATION					<b>CROPS GROWN FOP</b>	SALE
	lumber of acres			E" in 1986		
1. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus	87	From the list below, ent		······································		wn.
groves, vineyards, and nursery and greenhouse crops.	90	Gran como	Code	nder glass or	Acres in the open in 1986	Sales in 1986
<b>2.</b> Cropland on which all crops failed – (Exception: Do not report here land in orchards and vineyards on which the crop failed.)		Crop name	Code ot	her protection in 1986	Vhole acres   Tenths	Dollars Cents
	96			1	2	
other pastureland and rangeland					/10 \$	00
4. All other cropland, woodland, house lots, wasteland, etc.,	99				/10	00
not reported in items 1 through 3 above.		If more space is needed, use a Crop name	separate		Crop name	Code
None	lumber of acres irrigated	Bedding plants (include veg		nts)., 479	Potted flowering plants .	
land from which hay was cut and land in bearing and nonbearing	80	Cut flowers and cut florist gr Nursery crops — ornamenta	ls, fruit		Foliage plants	503
fruit and nut crops.		and nut trees, and vines		488	Other - Specify	
I STARLIT FUR FAILURE IV REPURT				00471011	F ON REVERSE SIDE -	

## Form 86-A04

SECTION 5 LIVESTOCK and POULTR	Y					PART E – HORSES, OTHER LIVESTOCK, FISH, and ANIMAL	SPECIALTIES
				NVENTÓRY		INVENTORY	
PART A — CATTLE and CALVES		None	Ni	umber on this e Dec. 1, 198	c	Number on Total quantity sold Gr	oss value of sales
		NOTE	803			this place in 1986 None Dec. 1, 1986	Dollars 'Cents
		_	803			1. Horses and ponies830831832	
1. CATTLE and CALVES of all ages	• • • •	. Ц	804		Total		00
a. BEEF COWS - Include beef heifers that		_	804		Beef	2. All other livestock, aquaculture, or	
had calved.		Ц			cows	livestock products.	
b. MILK COWS kept for production of milk or			805			(Enter name and code from list below.)	÷.
cream for sale or home use - Include dry					Milk	Name Code Number \$	00
milk cows and milk heifers that had calved		. 🗆	L		cows	1 2	
CATTLE and CALVES SOLD						Name Code Number \$	00
FROM THIS PLACE IN 1986 Include those fed on this place on a		Numb	er sold	Gross value of	f sales	Name Code Name Code Name	Code
contract or custom basis. Also report	None		986	Dollars	Cents	Colonies of bees 839 <sup>1</sup> Mules, burros, donkeys 833 <sup>1</sup> Catfish Milk goats	
as sold cattle moved from this place to a feedlot for further feeding.		808		09	1	Conter goats 851 Other livestock and Other agua	- Specify 866 - ulture
2. Calves weighing less than 500 pounds			Ś		. 00	products - Specify 857 products	Specify . 869
		810		11		SECTION 6 GOVERNMENT CCC LOANS	
3. Cattle, including calves weighing 500 pounds or more			s		' 00	Amount received in 1986 from Government CCC loans. Inclu and reserve loans, even if redeemed or forfeited.	
PART B — HOGS and PIGS				NVENTORY	1	886	llars Cents
		None		mber on this e Dec. 1, 198	6	Specify crop	00
		None	815	e Dec. 1, 130	0	SECTION 7 Payments received for participation in FEDERA PROGRAMS in 1986 (DO NOT INCLUDE CCC loar	FARM
1. HOGS and PIGS of all ages		. 🗆		т	otal		llars Cents
			816			684	
a. HOGS and PIGS used or to be used for BRE	EDIN	GШ	L	В	reeding	<b>1.</b> Amount received in cash	00
						(PIK) or commodity certificates	00
				Gross value of	f sales	SECTION 8 Acres in this place SET ASIDE, DIVERTED, or II	LED under
(	None		986	Dollars	Cents	FEDERAL acreage reduction programs in 1986	Number of acres
2. HOGS and PIGS SOLD from this		820	8	21	-	1. How many acres were set aside (or diverted) under	682
place in 1986			\$		00	ANNUAL commodity acreage adjustment programs?	
3. Of the hogs and pigs sold, how many were		822	8;	23		2. How many acres were under the CONSERVATION	683
sold as FEEDER PIGS for further feeding?			\$		00	RESERVE PROGRAM (10 year, CRP)?	DATOR
<ul> <li>PART C — SHEEP and LAMBS</li> </ul>		INVEN Jumber		NUMBER S	IOLD	SECTION 9 CHARACTERISTICS and OCCUPATION OF OP (Senior partner or person in charge)	ENATON
None			1, 1986	in 1986	6		
	824			825		<b>1.</b> RESIDENCE – Does the operator live on this place?	2 🗌 No
1. SHEEP and LAMBS of all ages	826						2 - 110
a. EWES 1 year old or older	1020					<ol> <li>PRINCIPAL OCCUPATION – At which occupation did the operator spend the majority <sup>928</sup></li> </ol>	
,						(50 percent or more) of his/her worktime in	ng 2 🗌 Other
	None	G	ross value Dollars	of sales Cents		1986? For partnerships consider all members of the Diram partnership together.	
2. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this		829	Donais	Cents			
place in 1986?				1 1		929	
PART D - POULTRY		\$		00		3. OFF-FARM WORK — How many days did the	
				Y	mber	3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1986? —Include work at a nonfarm job,	
			Number or this place	Y n Total nu sold in 1		3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not job) de exchange tarmwork 1	9 days
	N		Number or this place Dec. 1, 198	Y n Total nu sold in 1		3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)	9 days 149 days
1. HENS and PULLETS of laying age		ione [	Number or this place Dec. 1, 198	Y Total nu sold in 1		3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)	9 days 149 days 199 days
2. PULLETS for laying flock replacement		ione [	Number or this place Dec. 1, 198	Y Total nu sold in 1		3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1986? — Include work at a nonfarm job, busines, or on someone else's farm for pay. (Do not include exchange farmwork.)	9 days 149 days
2. PULLETS for laying flock replacement a. PULLETS 3 months old or older not yet of		ione [	Number or this place Dec. 1, 198	Y Total nu sold in 1 893		<ul> <li>3. OFF-FARM WORK - How many days did the operator work at least 4 hours per day off this place in 1986? - Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate</li> </ul>	9 days 149 days 199 days ays or more
2. PULLETS for laying flock replacement a. PULLETS 3 months old or older not yet of laying age	• • <i>•</i> •	ione [	Number of this place Dec. 1, 198	Y Total nu sold in 1 893		3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1986? — Include work at a nonfarm job, busines, or on someone else's farm for pay. (Do not include exchange farmwork.)	9 days 149 days 199 days ays or more
2. PULLETS for laying flock replacement a. PULLETS 3 months old or older not yet of	  3		Number of this place Dec. 1, 198	Y Total nu sold in 1 893		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> </ul>	9 days 149 days 199 days ays or more
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broile</li> </ul> </li> <li>BROILERS, fryers, and other meat-type</li> </ol>	 3 ers.)	ione (1 85 85 85	Number of this place Dec. 1, 198	Y Total nu sold in 1 893		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> </ul>	9 days 149 days 199 days ays or more _ Year _ Years old
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broile</li> </ul> </li> </ol>	 3 ers.)	Jone (	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> </ul>	9 days 149 days 199 days ays or more _ Year _ Years old
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broile</li> </ul> </li> <li>BROILERS, fryers, and other meat-type</li> </ol>	3 ers.)	28 28 28 28 28 28 28 28	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> </ul>	9 days 149 days 199 days ays or more _ Year _ Years old or Black
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> </ul> </li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> </ol>	3 ers.)	28 28 28 28 28 28 28 28	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1. Whitt</li> <li>1. Whitt</li> <li>1. Whete</li> <li>1. Whitt</li> <li>1. At the part of this place?</li> </ul>	9 days 149 days 199 days ays or more Year Years old or Black can Indian or Pacific
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age.</li> <li>PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broile</li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters</li> </ul> </li> <li>Turkeys for slaughter (Do not include breeders.)</li> <li>OTHER POULTRY raised in captivity — duck geese, pigeons or squab, pheasants, quail, et al.</li> </ol>	3 ers.)	28 28 28 28 28 28 28 28	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1. Whitt</li> <li>1. Whitt</li> <li>2. Negret</li> <li>3. OFF-FARM WORK – How many days did the operator begin to operate any part of this place?</li> <li>3. OFF-FARM work.)</li> <li>3. OFF-FARM work at least 4 hours per day off this place?</li> <li>3. OFF-FARM work.)</li> <li>3. OFF-FARM work.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>3. AGE of operator</li> <li>4. Asiar</li> </ul>	9 days 149 days 199 days ays or more Year Years old or Black can Indian or Pacific er
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> <li>OTHER POULTRY raised in captivity – duck</li> </ul> </li> </ol>	3 ers.)	28 28 28 28 28 28 28 28	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1. Whitt</li> <li>1. Whitt</li> <li>1. Whete</li> <li>1. Whitt</li> <li>1. At the part of this place?</li> </ul>	9 days 149 days 199 days ays or more Year Years old or Black can Indian or Pacific er
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broile</li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters</li> </ul> </li> <li>Turkeys for slaughter (Do not include breeders.)</li> <li>OTHER POULTRY raised in captivity — duck geese, pigeons or squab, pheasants, quail, 6</li> </ol>	3 ers.)  ks, etc.	ione () 85 85 85 85 90	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – <i>Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</i></li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li></ul>	9 days 149 days 199 days ays or more Year Years old or Black can Indian or Pacific er
<ol> <li>PULLETS for laying flock replacement         <ol> <li>PULLETS 3 months old or older not yet of laying age.</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> <li>OTHER POULTRY raised in captivity – duck geese, pigeons or squab, pheasants, quail, e (<i>Enter poultry name and code from the list below.</i></li> </ol> </li> </ol>	3 ars.) ks, etc.	ione 1 88 88 88 88 90 90	Number of this place Dec. 1, 198	Y Total nu soid in 1 893 895 899		<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li></ul>	9 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ Specify
<ol> <li>PULLETS for laying flock replacement         <ol> <li>PULLETS 3 months old or older not yet of laying age.</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> <li>OTHER POULTRY raised in captivity – duck geese, pigeons or squab, pheasants, quail, e (<i>Enter poultry name and code from the list below.</i></li> <li>Poultry name Code</li> <li>Poultry name Code</li> </ol> </li> </ol>	3 3  ks, etc. ) a 	Jone ( 85 85 85 85 96 97	Number on this place bec. 1, 195	Y Total nu sold in 1 893 895 895 901 1	1986	3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)       1 I None         2 I 1 - 41       3 50 - 1         3 business, or on someone else's farm for pay. (Do not include exchange farmwork.)       1 I 00 - 1         4 I 000 - 5       150 - 6         5 AGE of operator       925         5. AGE of operator       924         1 I Whitt       2 Negro         3 I Amer       4 Asian Island         9 Other       926         7. SEX of operator       1 Male	9 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ Specify
2. PULLETS for laying flock replacement     a. PULLETS 3 months old or older not yet of     laying age     b. PULLET CHICKS and PULLETS under 3     months old (Do not include commercial broile     3. BROILERS, fryers, and other meat-type     chickens including capons and roasters     4. Turkeys for slaughter (Do not include breeders.)     5. OTHER POULTRY raised in captivity – ducl     geese, pigeons or squab, pheasants, quail, e     (Enter poultry name and code from the list below.     Poultry nameCode     Poultry nameCode     NemeCode   Neme     Turkey ber kent	3 ers./ ks, etc. /	ione ( 85 85 85 85 85 85 85 85 85 85	Number on           this place           eac. 1, 196           eac. 1, 19	Y Total nu sold in 1 893 895 901 1 1	1986	<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1 Whitt</li> <li>2 Negrod</li> <li>3 Americal Asian Island</li> <li>9 Other</li> <li>926</li> <li>7. SEX of operator</li> <li>8. SPANISH ORIGIN – Is the operator of Spanish or descent (Mexican, Puerto Rican,</li></ul>	19 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ Specify  2 [] Female
2. PULLETS for laying flock replacement     a. PULLETS 3 months old or older not yet of     laying age     b. PULLET CHICKS and PULLETS under 3     months old ( <i>Do not include commercial broile</i> 3. BROILERS, fryers, and other meat-type     chickens including capons and roasters     4. Turkeys for slaughter ( <i>Do not include breeders.</i> )     5. OTHER POULTRY raised in captivity — duck     geese, pigeons or squab, pheasants, quail, e     ( <i>Enter poultry name and code from the list below.</i> Poultry nameCode     NameCode     NameCode     NameCodeRame     Turkey hens kept     for breeding902	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5	ione ( 85 85 906 906	Number or this place bac. 1, 196           14           16           18           16           18           19           10           11           12	Y Total nu sold in 1 893 895 901 1 1 1 1 1 1 1 1 1 1 1 1 1	1986	<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1 White A sign is a set of the operator of the operator is a set of the operator operator operator the operator op</li></ul>	19 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ <i>Specify</i> 2
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> <li>OTHER POULTRY raised in captivity — duck geese, pigeons or squab, pheasants, quail, e (<i>Enter poultry name and code from the list below.</i></li> <li>Poultry name</li> <li>Code</li> <li>Name</li> <li>Code   Name</li> <li>Turkey hens kept for long and states.</li> <li>Pigeons or squad.</li> </ul> </li> </ol>	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5	ione ( 85 85 90 908 910	Number or this place bac. 1, 196           14           16           18           16           18           19           10           11           12	Y Total nu sold in 1 893 895 901 1 1 1 1 1 1 1 1 1 1 1 1 1	1986	<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – <i>include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</i></li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>924</li> <li>1. White a state of operator set of this place?</li> <li>924</li> <li>1. White a state of operator set of this place?</li> <li>924</li> <li>1. White a state of operator set of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1. White a state of this place?</li> <li>924</li> <li>1. White a state of this place?</li> <li>925</li> <li>5. AGE of operator</li> <li>926</li> <li>2. A state a state of this place?</li> <li>926</li> <li>3. Amer a state of this place?</li> <li>926</li> <li>3. Amer a state of this place?</li> <li>926</li> <li>3. Amer a state of this place?</li> <li>926</li> <li>927</li> <li>928</li> <li>928</li> <li>928</li> <li>929</li> <li>929</li> <li>920</li> <li>920<!--</td--><td>19 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ <i>Specify</i> 2</td></li></ul>	19 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ <i>Specify</i> 2
<ol> <li>PULLETS for laying flock replacement         <ul> <li>PULLETS 3 months old or older not yet of laying age.</li> <li>PULLET CHICKS and PULLETS under 3 months old (<i>Do not include commercial broile</i></li> <li>BROILERS, fryers, and other meat-type chickens including capons and roasters.</li> <li>Turkeys for slaughter (<i>Do not include breeders.</i>)</li> </ul> </li> <li>OTHER POULTRY raised in captivity – duck geese, pigeons or squab, pheasants, quail, (<i>Enter poultry name and code from the list below.</i> <ul> <li>Poultry name</li> <li>Code</li> <li>Name</li> <li>Turkey hens kept for breeding.</li> <li>904</li> <li>Pheasants.</li> </ul> </li> </ol>	3 ers.) ks, etc. ) e b	ione ( 85 85 90 908 910	Number on this place bac. 1, 196           12           14           66           16           18           10           14           16           17           18           10           11           12           12	Y Total nu sold in 1 893 895 901 1 1 1 1 1 1 1 1 1 1 1 1 1	1986	<ul> <li>3. OFF-FARM WORK – How many days did the operator work at least 4 hours per day off this place in 1986? – Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)</li> <li>4. In what YEAR did the operator begin to operate any part of this place?</li> <li>5. AGE of operator</li> <li>925</li> <li>5. AGE of operator</li> <li>924</li> <li>1 White A sign is a set of the operator of the operator is a set of the operator operator operator the operator op</li></ul>	19 days 149 days 199 days ays or more _ Year _ Years old or Black can Indian or Pacific er _ <i>Specify</i> 2

FORM 86-A04 (11-21-86)

# 1987 Census of Agriculture Report Form 87-A0210

DUE BY FEBRUARY 1, 1988				<u></u>				September 30, 1989
FORM 87-A0210	U.S. DEPARTMENT OF CO BUREAU OF TH	MMERCE NOTI	CE - Res	sponse to this inquiry is required by la SUREAU IS CONFIDENTIAL. It may b	w (title 13, U.S	Code). By th	ie same law YC	UR REPORT TO
		only fo	or statistic	cal purposes. Your report CANNOT b ovides that copies retained in your file	e used for purpo	oses of taxati	on, investigatio	n, or regulation.
	UNITED STATE	In cor		ence pertaining to this report, plea	······			N)
	CENSUS							
AG CENSUS USA	OF AGRICULTU	RE						
XQ CENSUS USA						Ł	37-A0210	
Please complete this	BUREAU OF THE CENSUS		1				I	
form and RETURN TO	1201 East Tenth Street Jeffersonville, IN 47133							
Note – If your records are n	ot available, reasonable estimates	may be						
used. If you cannot file by Fe	bruary 1, a time extension request Include your 12-character Cen	may be						
	our address label in all correspond							
us.								
If you received more than one report form, enter extra		111						
Census File Number(s) here and return extra copies with	<del>┊╺╏╶╞╶┇╶╏╶╏╶┇╶┊</del> ╶┼							
your completed report.								
CENSUS 035 036	037 038							
USE 039 040	041 042	PI	Please corr	ect errors in name, address, and ZIP	Code. ENTERs	treet and nur	nber if not shov	vn.
SECTION 1 ACREAGE I	1987 Report land owned, rent						·	
by you, your s	pouse, or by the partnership, co	poration, or		INSTRUCTIONS — Please rep Use section 7 to report ONLY				
	or which you are reporting. Inclu S OF LOCATION OR USE - crop			and section 8. DO NOT INCLU				
	angeland, woodland, idle land, h			SECTION 2 Were any of the f	following CBO	PS harveste	d from "THIS	PLACE"
If the acres you operated in	1987 changed during the year,			in 1987?	Acres	T		Acres
refer to the INFORMATION	SHEET, section 1.	None Number o	of acres	s2 None		1	/ harvested	irrigated
		043		1. Wheat for grain	073	074	Bu.	075
<b>1.</b> All land owned		· ⊔			079	080		081
	M OTHERS, including land worked					<b>{</b> ],	OR Bu.	}
	ree, in exchange for services, le leased Federal, State, and railroad	044		2. Barley for grain	076	077	Tons	078
land. (DO NOT include land u	sed on a per-head basis under a			3. Oats for grain			Bu.	
grazing permit.) Also comple	te item 5 below	. []		4. Dry edible beans (Do not	554	555		556
	THERS, including land worked on	_		include dry limas.)	635	636	Cwt.	637
shares by others and land su	bleased. Also complete item 6 below			5. Lentils			Lbs	
	" - ADD acres owned (item 1)	046	1	6. Dry edible peas (Do not include Austrian winter peas	659	660		661
	then SUBTRACT acres rented enter the result in this space			and wrinkled seed peas.)			Lbs.	
		. · ·		7. Austrian winter peas	548	549	Lbs.	550
	e are the acres in "THIS PLACE." fer to the INFORMATION SHEET, s		1	8. Corn (field) for grain or	067	068	8u.	069
			n	seed (Report quantity on a dry shelled-weight basis.).		<b>)</b> 1	OR Tons	$\langle$
Name of landlord	RS (item 2), enter the following inform: Mailing address (Include ZIP C				070	071		072
				9. Corn (field) for silage or green chop			Tons, green	
				<b>10.</b> Sugar beets for sugar	719	720	Tons	721
· · · · · · · · · · · · · · · · · · ·				· · ·	644	645	Pounds	646
				<b>11.</b> Mint for oil	097	098	of oil	099
List additional landlords on a sep				12. Potatoes, Irish	1 /10	2	Çwt.	1 /10
	S (item 3), enter the following inform			SECTION 3 Was any DRY HA or harvested from	Y, GRASS SIL	AGE, HAYL	AGE, or GREE	N CHOP cut
Name of renter	Mailing address (Include ZIP C	ode) Number o	of acres	Include sorghun	n-sudan crosse	s and hay c	ut from pastur	
				s3 1 🗌 YES — Comple	te this section	2 🗌 N	O − Go to sec	tion 4
				If cuttings were made for both dry from the same fields, report the ac	hay and grass si creage in the ann	lage, haylage, opriate items	or green chop under DRY	
List additional renters on a separa	to cheat of paper			HAY and also under GRASS SILAC	GE, HA YLAGE, a	d GREEN CH	OP	
	None	053		1. DRY HAY (If two or more cu		Acres	Quantity harvested	, I Acres
a.Of the land you rented or la acres did you own?	eased to others, how many		Acres	hay were made from the same a acres only once, but report total	cres, report tons from all	harvested	(Report either a	dry
7. Did you have any grazing per				cuttings.)		103	or green weigh indicated)	105
054	( 3 D Forest	Service		<ul> <li>a. Alfalfa and alfalfa mixtures hay or dehydrating</li> </ul>				ons,
1 Yes – Mark (X) all box		Grazing Sec. 3 (	(BLM)	b. Small grain hay — oats, wh		106	107	108
	5 Indian I	Land		barley, rye, etc.			dr	
2 🛄 No – Go to item 8	🛛 6 🗔 Other -	– Specify	[	c. Other tame dry hay - clove		109	110	111
				Sudangrass, fescue, creste wheatgrass, etc.			Te dr	ons, 'y
8. LOCATION OF AGRICULTUR	AL ACTIVITY FOR "THIS PLACE"		<b>I</b>			112	113	114 DODS,
a. in what county was the	County name	State Number o	of acres	d. Wild hay			dr	
largest value of your agricultural products	Principal	O56	01 00108	2. GRASS SILAGE, HAYLAGE				
raised or produced?	county _			GREEN CHOP (If two or more were made from the same acres	, report	115	116	117
b. If you also had agricultural		057		acres only once, but report total all cuttings.)				ons, 'een
operations in any other	Other	058		3. HAY SOLD - Did you sel		118		
county(ies), enter the county name(s), etc.	counties	059		or grass silage in 1987? (R of hay sold in section 9, item 2)	eport value	t 🗍 Yes	2 🗌 N C	)
	I N							

PENALTY FOR FAILURE TO REPORT

SECTION 4	SECTION 4 Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)							SECTION 6 Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvesta FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)						
	1 🗌 YE		omplete th to section	is section					1		— <b>Com</b> — Go to		section	
	2 🗆 ң 🖓		10 3001101			1								
				Acr Whole acre		+	s irrigated cres Tenths					ne and co	de. Report quantity har	vested
<ol> <li>Land from w harvested in</li> </ol>	1987			375	/10		/10	Crop name	C	ode	Acres ha		Quantity harvested	Acres irrigated Whole acres, Tenths
2. From the list If more than for each crop	one vegeta	ble crop w	as harvest	ed from the	same`acres							1 /10	1	2 /10
	op name	<u> </u>	Code			Acres	irrigated	-				1 /10	1	2 1 /10
Peas, green			441		/10		/10					1	1	2
Sweet corn			461		/10	462	/10	If more space is no	eeded, use	e a sep	arate sheet (	/10 of paper.		/10
					1 /10	1	/10						Crop name	Code
					1 /10	1	/10	Blackberries and Blueberries, tame	e (pounds	s)		12 1	oganberries (pounds) Raspberries (pounds)	
					1 /10	1	/10	Boysenberries (p Cranberries (100	)-lb. barre	els}		521 <sub> </sub> (	Strawberries (pounds) Other berries (pounds) -	
					/10	1	/10	Currants (pounds		_		524	Specify	
					/10	1	/10	SECTION 7					ted from "THIS PLACI m, sunflower seed, or o	
If more space is ne	eded, use a s	separate she	et of paper.					57					it in section 8.)	and crope not
Crop name			p name			name	Code		· □ ·	VES	— Com	nlata this	eastion	
Asparagus Beans, green lim		129 Cuc	umbers an	d pickles 4	11 Pum;						- Go to		<b>20</b> CUU1	
Beans, snap (bush Beets	and pole) 3	3 <b>81</b> Eggi	plant ic	4	15 Radi: 21 Rhut	shes arb								
Broccoli Cabbage, head	3	385 / Hon	eydew me	lons 42 maine 42	23 , Spini	ach		From the list be in unit specified	elow, en With cro	ter thi op nan	e crop nar ne.	ne and co	de. Report quantity ha	rvested
Cantaloups and muskmelons		Mus	tard green	4	31   Tom	atoes		Crop nar	ne	Co	de Acres	harvester	d Quantity harvested	Acres irrigated
Carrots		3 <b>97</b>   Onic	ons, green		35   Wate	ermelons	473						1	2
Cadinower		1									·		3	2
SECTION 5				ENHOUSE C										2
				WN FOR SA			tables under " in 1987?						1	. [
S5	·	s – <i>c</i> a											1	2
	2 🗌 NO		to section	1		Area irriga	ted		····· -	1			1	2
				None	Square fe		res Tenths						1	2
1. Nursery and	greenhouse	e crops irri	gated in 1	987 🔲	477	478	/10	If more space is ne	eded, use	a sep	arate sheet	of paper.		
2. From the list	below, ente	er the crop	name and	code for eac	ch crop gro	wn.		Field seeds (gras	s, legum	e, etc.)	) c	ode į (	Other crops	Code
		Squ	are feet	Acres in th				Alfalfa seed (pou	unds)	 sì		42 ( 45 (	Corn cut for dry fodder,	rt acres only) 581
Crop name	Co	do under	r glass or protection	in 19		Sales	in 1987	Alsike clover seed (pounds)						
			1987	Whole acres	Tenths	Dollars	s Cents	Crimson clover s	eed (pou	nds).		93   0	Grains, mixed (bushels) .	
				1	/10 \$		00	Fescue seed (por Kentucky bluegra	ess seed	(pound	is) (	29   1	Hops (pounds) Mustard seed (pounds)	650
				1	1 2		00	Orchardgrass see Red clover seed	(pounds)			571   1	Popcorn (pounds, shelled Rapeseed (pounds)	
				1	/10 \$			Ryegrass seed ( Timothy seed (p	ounds) .			46 5	Rye for grain (bushels) . Safflower (pounds)	
If more space is ne		anarata cha	at of paper		/10 \$		00	Vetch seed (pounds)					)	
Crop name	eueu, use a s	eparate sne	Code (	Crop name			Code	White clover see	d (pound	s)		/61   S	Sorghum for silage or gre (Do not include sorghur	en chop
Bedding plants (li Bulbs (Exclude bi					wering plant					,	,	1	crosses) (tons, green) . Soybeans for beans (bus	
Cut flowers and Nursery crops -	cut florist g	reens	485	Sod harve	and flower:		497	1					Sugar beets for seed (por Sweet corn for seed (por	unds)
and nut trees, a Foliage plants	and vines		. 488	Greenhous	se vegetable Specify	<b>S</b>	503					1 1	Friticale (bushels)	
					· ·			I INES and NUT TR	EES on	//TU)			Other crops (pounds) - 5	Specity 762
						20, 110100	ang GRAFE		1223, 01	In	JFLAUE	11 13071		
	1 🗌 YE					[	Total acre	s Acres i	rrigated	٦				
1. TOTAL ACE	LES in bear	ing and no		ruit orchards			hole acres	enths Whole acre	s Tenti					
	ps not liste	d below, e	nter the na	ame and cod	e from the			/10 r fruit and nut trees , damage from hail	on this p		n 1987.			
neport the re	quested in		NUMBER	OF	Acres i		or low prices	Unit of m	easure	цс.				
Crop name	Cod	de e	S OR VIN		and vir all a	nes of	Quant			Lbs.				
		Nonbe ag		Bearing age	Whole acre	-	riai ves	Lbs. Tons	Boxes	per box		Crop name		Code
Apples	12		124		125		126			28		Apricots .		129
Sweet cherries			340	6	347		348	349		50		ilberts and lectarines	i hazelnuts	327
Tart cherries	-		58	8	589	1	590	591	15	92	1	Peaches .	prunes	225
	58		23	2	233	/10	234	235		36	1	Valnuts, 🗆	English	357
Pears	23	1			2	/10	3		3 🗌 i			and hult	and hats opecity	
						/10		1 🗆 2 🗆						
			1		2	/10	3		] 3 □   <sup>5</sup>					
If more space is ne	eded. use a s	eparate she	et of paper.											

FORM 87-A0210 (9-4-86)

SIGCIION9 GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, B s9 taxes and expenses (Refer to the INFORMATION SHEET, section 9.)	EFORE	SEGIION 13 Did you or enyone else have any CATTLE or CALVES on this place in 1987?
Report your best estimate of the value for each of the following groups of o from this place in 1987. Include the value of the landlord's and/or contract	rops sold	1 YES - Complete this section
estimating if necessary. Include value of Government CCC loans.		2 NO - Go to section 14 INVENTORY Number on this
1. Grains, soybeans and other beans sold in 1987 None Dollars	Cents	DECEMBER 31, 1987 INVENTORY     None place Dec. 31, 1987     803
a. Corn for grain	00	1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)
<b>b.</b> Wheat <b>b.</b> Wheat	00	a.BEEF COWS - Include beef heifers that Beef
c. Soybeans	00	had calved
d. Sorghum for grain	1 00	b. MILK COWS kept for production of milk or cream for sale or home use - Include dry Milk
777		milk cows and milk heifers that had calved
e. Barley	00	c.HEIFERS AND HEIFER CALVES — (Do not include heifer
f. Oats	00	heifers that had calved.)
g. Other – rye, dry beans, dry peas, lentils, mustard seed, sunflower seed, etc.	00	d. STEERS, STEER CALVES, BULLS, bulls of all ages
2. Hay, silage, field seeds, and grass seeds	00	
783	_	CATTLE AND CALVES SOLD     FROM THIS PLACE IN 1987
3. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweetpotatoes, report them in item 5 below.)	00	Include those fed on this place on a contract or custom basis. Also report in 1987
4. Fruits, nuts, and berries – apples, cherries, pears,	1	as sold cattle moved from this place None Dollars ICents to a feedlot for further feeding. 808 809
grapes, filberts, strawberries, etc	00	2. Calves weighing less than 500 pounds
5. Other crops — sugar beets, mint for oil, hops, potatoes, etc. (Do not include nursery and greenhouse crops.) —	I.	3. Cattle, including calves weighing
Specify \$	00	500 pounds or more
SECTION 10 How were the ACRES in this place USED in 1987?		a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or 812 813
\$10		CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?
1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 NOTE: For items 2 to 5 below, if land was used for more than one purpose in 1987	Acres	
report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."		DAIRY PRODUCTS SOLD FROM     DAIRY PRODUCTS     Gross value of sales
2. CROPLAND None Numb	er of acres	THIS PLACE IN 1987 None Dollars Cents
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus		4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — Include milk, cream,
groves, vineyards, and nursery and greenhouse crops.		
<b>b.</b> Cropland used only for pasture or grazing – <i>include rotation</i> pasture and grazing land that could have been used for crops without additional improvements.		SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1987?
c. Cropland used for cover crops, legumes, and soil-		1 YES - Complete this section INVENTORY
improvement grasses, but NOT harvested and NOT pastured		2 NO - Go to section 15 Number on this place Dec. 31, 1987
d. Cropland on which all crops failed - (Exception: Do not 790		• DECEMBER 31, 198/ INVENTORY
report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)		1. HOGS and PIGS of all ages (Total of a and b below)
e. Cropland in cultivated summer fallow		a. HOGS and PIGS used or to be used for BREEDING Breeding
f. Cropland idle		b. OTHER HOGS and PIGS Other
3. Woodland - Include all (a. Woodland pastured		LITTERS FARROWED
cutover and deforested land	·	2. LITTERS FARROWED on this place between - None Number of litters
<ul> <li>with young timber growth.</li> <li>4. Other pastureland and rangeland — include any pastureland</li> </ul>		a. December 1, 1986 and May 31, 1987
other than cropland and woodland pasture		<b>b.</b> June 1, 1987 and November 30, 1987
<b>5. All other land</b> — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above		Number Gross value of sales
6. TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above .)		HOGS AND PIGS SOLD None in 1987 Dollars Cents     HOGS and PIGS SOLD from this     B20     B21
SECTION 11 Was any LAND in this place IRRIGATED at any time in 1987?		3. HOGS and PIGS SOLD from this place in 1987
Irrigated land is all land watered by any artificial or controlled means - sprinklers, fur	rows	4. Of the hogs and pigs sold, how many were
or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.		sold as FÉEDER PIGS for further feeding? SECTION 15 Did you or anyone else have any SHEEP or LAMBS on this place in 1987?
	er of acres	S15
680	rigated	1 L YES - Complete this section 2 NO - Go to section 16
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and problem for which hav was cut and land in bearing and		
nonbearing fruit and nut crops reported in section 10, item 2a		Number on this Number of this None place Dec. 31, 1987 in 1987
lands not included in item 1 above were irrigated?		824 825
SECTION 12 Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED		1. SHEEP and LAMBS of all ages
under FEDERAL acreage reduction programs in 1987?		a.EWES 1 year old or older
1 VES - Complete this section		Number shorn Pounds of wool None in 1987 shorn in 1987
	er of acres	827 828
1. How many acres were set aside (or diverted) under ANNUAL		
commodity acreage adjustment programs?		Gross value of sales None Dollars Cents
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?		3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?
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OTHER LIVEST	ne else have any Hi OCK, or ANIMAL S				77
S16	Complete this sec		_	- Go to sec	
·	INVENTORY Number on		intity sold	Gross valu	e of sales
None			987	Dollars	Cents
1. Horses and ponies of all ages	830	831	Number	832 \$	00
	839	840	Number	842	Ì
2. Colonies of bees	{	841	Pounds	\$	00
	843	844	Number	846	
3. Milk goats	1	845	Gallons milk	(s	00
	847	848	Number	850	
4. Angora goats	851	849	Pounds mohair	\$	00
5. Other goats		852	Number	853 \$	00
6.Mules, burros, and	833	834		835	
donkeys	836	837	Number	\$ 838	00
7. Mink and their pelts	954	055	Number	\$	00
8.Rabbits and their pelts	854	855	Number	\$	00
9. All other livestock and livestock products	857	858		859	
Specify			Number	\$	00
<b>10.</b> Fish and other aquaculture	Total quantity	sold Gro	iss value o		
products (Enter name and code from list below.)	in 1987		Dollars	Cents	
Name Code	1	mber		00	
	Code	Name		с	ode
Trout		Other agu	aculture	8 	
If more space is needed, use a sep SECTION 17 Did you or anyo	arate sheet of paper. ne else have any P				
	CKS, etc., on this pl		37?— Inci	lude poultry g	grown
<sup>\$17</sup> 1 ☐ YES -	· Complete this se	ction	INVEN Numbe	eron Tot	al number
2 🗌 NO -	Go to section 18	None		1987	1 in 1987
1. HENS and PULLETS of laying		🗖	892	893	
<ol> <li>PULLETS for laying flock rep a.PULLETS 3 months old or ol</li> </ol>		n ane 🗔	894	895	
b.PULLET CHICKS and PULLE	TS under 3 months		896		
(Do not include commercial b 3. BROILERS, fryers, and other		ns	898	899	-
including capons and roaste			<u> </u>		
4. TURKEYS a.Turkeys for slaughter (Do)	not include breeders.)	🗆	900	901	
b.Turkey HENS kept for bree	eding	🔲	902	903	
5. OTHER POULTRY raised in c geese, pigeons or squab, phi (Enter poultry name and code fr	easants, quail, etc		2		
Poultry name	Code			1	
Poultry name	Code			`	
Name Code Ducks	Name Pigeons or squab.	Code 908	Nam Quail	e 	Code 912
Geese	Pheasants		All ot	her poultry — cify	
<ol> <li>POULTRY HATCHED on this p placed or sold – chickens, tur</li> </ol>		None	916	Number	
Specify kind of poultry	·		917		
7. Incubator egg capacity on E	ecember 31, 198	-	31/		
			ross value		]
8. What was the gross value of s poultry and poultry products (		918	Dollars	Cents	-
etc.) from this place in 1987?		\$		00	
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1. Amount received in 1987 from Government CCC loans for - None Dollars Ce Include regular and reserve loans, even if redeemed or forfeited.	nts										
Include regular and reserve loans, even if redeemed or forreited. 886											
a.Com	0										
887											
b. Wheat	0										
c.Soybeans	0										
d. Sorghum, barley, and oats	^										
	$\neg$										
e. Rye and honey	0										
SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC Joans.) Refer to INFORMATION											
SHEET, section 19. None Dollars Ce	nts										
<b>1.</b> Amount received in cash	0										
2. Value of certificates received - payment-in-kind (PIK)											
or commodity certificates	0										
SECTION 20 TYPE OF ORGANIZATION											
s20 Mark (X) the one item which best describes the type of organization for this place in 1987. <i>Refer to the INFORMATION SHEET, section 20</i> .											
• FAMILY or INDIVIDUAL operation - 921											
(Do not include partnership and corporation.)											
partnerships											
INCORPORATED UNDER STATE LAW											
OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc	en										
Specify	_ ]										
SECTION 21 CORPORATE STRUCTURE (for incorporated operations only)											
Refer to the INFORMATION SHEET, section 21.											
1. Is this a family-held corporation?											
2. Are there more than 10 stockholders? 3 Yes 4 No	_										
SECTION 22 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, section 22.	1										
<ul> <li>1. RESIDENCE — Does the operator (senior partner or 923 person in charge) live on this place?</li></ul>											
2. PRINCIPAL OCCUPATION - At which occupation											
did the operator spend the majority (50 percent or 928 more) of his/her worktime in 1987? For partnerships											
consider all members of the partnership together	er										
3. OFF- FARM WORK — How many days did the operator 1 None											
(senior partner or person in charge) work at least 4 hours per day <b>off</b> this place in 1987? — <i>include work</i>											
at a nonfarm job, business, or on someone else's farm for											
4 ☐ 100 - 149 days											
6 200 days or more											
4. In what YEAR did the operator (or senior partner) begin 060 to operate any part of this place?											
925											
5. AGE of operator (senior partner or person in charge) Years old											
924 1 🗆 White											
2 🗌 Negro or Black											
6. RACE of operator (senior partner or person in charge) American Indian											
islander											
s 🗌 Other – Specify											
	-										
7. SEX of operator (senior partner or person in charge) 1 Male 2 Fen	ale										
<ul> <li>SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent</li> <li>927 (Mexican, Puerto Rican, Cuban, or other Spanish)? 1 Yes 2 No</li> </ul>											

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SECTION 18 GOVERNMENT CCC LOANS

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S	CTION 23 PRODUCTION EXPENSES paid by you and others for s23 place in 1987	SECTION 25 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?						
Include your best estimates of expenses paid by you, your landlord, contractors,			<sup>S25</sup> 1 $\square$ YES - Complete this section 2 $\square$ NO - Go to section 26					
buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)			Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.					
1	None Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	Dollars Cents	<ol> <li>Sprays, dusts, granules, fumigants, etc herbicide, insecticide, nematicide) to co</li> </ol>	ontrol -		None	Acres on use	
1,	Feed purchased for livestock and poultry – grain,	972	a. insects on crops, including hay				937	
-	hay, silage, mixed feeds, concentrates, etc.	\$ 1.00	b. Nematodes in crops c. Diseases in crops and orchards (blig			. Ц	938	
	<ul> <li>a. Commercially mixed formula feeds purchased – complete, supplement, concentrates, premixes.</li> </ul>	i i	smuts, rusts, etc.)			. 🗆		
	(Do not include ingredients None Dollars Cents purchased separately, such as		d. Weeds, grass, or brush in crops and pasture include both pre-emergence and post emergence		e		939	
	soybean meal, cottonseed s 00		2. Chemicals for <b>defoliation</b> or for <b>growth control</b> of crops or <b>thinning</b> of fruit			_	940	
3	. Seed cost – for corn, other grains, soybeans, tobacco,	974					sher 31, 198	7
	cotton, etc. — include plants and trees purchased	\$ 1 00 975 1	SECTION 26 MACHINERY AND EQUIPMENT on this place on December 31, 1987 – s28 Include only equipment used for agricultural operations in 1986 or 1987.					
4	Commercial fertilizer purchased – all forms, including rock phosphate and gypsum. Include cost of custom applications.	\$ 00	Value of ALL machinery and equipment on this place, December 31, 1987					
5	Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include	976	1. What is the estimated market value of A equipment, and implements usually kep	Estim	Estimated market value			
	cost of custom applications. (Do not include lime.)	\$ 00	and used for the farm or ranch business	? — Incli	ude cars,	943	Dollars	Cents
6	Gasoline and other petroleum fuel and oil purchased for the farm business —	977	trucks, tractors, combines, plows, disks, ha pumps, motors, irrigation equipment, dairy e milkers and bulk tanks, livestock feeders, gri	rrows, ary equipment inding and	including mixina			1
	a.Gasoline and gasohol	\$ 00	equipment, etc.			\$		00
	<b>b.</b> Diesel fuel	\$ 00 979	SELECTED machinery and equipment on		Total nu on this pl		Of the total MANY were	, HOW
	c. Natural gas	\$ 00	this place, December 31, 1987. (Report only if used in 1986 or 1987.)	None	December 3			st 5 years
	d. LP gas, fuel oil, kerosene, motor oil, grease, etc	980 \$ 00	2. Motortrucks – Include pickups	_	944		945	
7	Electricity for the farm business - (Do not	981	3. Wheel tractors other than garden tracto					
8	include household expenses.)	\$ 00	and motor tillers — a. Less than 40 horsepower (PTO)		946		947	
1	for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET)	982	<b>b.</b> 40 horsepower (PTO) or more	🗆	948		949	
9	Contract labor - Include expenditures for labor, such	\$ 00	4. Grain and bean combines, all types		950 956	-	951 957	
	as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew	983	<ol> <li>Cotton pickers and strippers</li> <li>Mower conditioners</li> </ol>		958		959	
	leader, a cooperative, etc.	\$ 00	7 Pickup balars - Include rectangle		960		961	
10	Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm	984	and round balers SECTION 27 ESTIMATED CURRENT MA			NDand		
	equipment	\$ 00	s27 BUILDINGS	AREI VP				
11.	Customwork, machine hire and rental of machinery and equipment — Include expenditures for	ł	Please give your best ESTIMATE of the Cl			Esti	mated marke land and buil	t value
	use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking,	1	VALUE of land and buildings for all acres r section 1, items 1, 2, and 3, page 1.	eported i	n Non		Dollars	Cents
	drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of	985				996		1
112	fertilizer and chemicals.)	\$ 100 986 1	1. All land owned			\$ 997		00
12		\$ 00	2. All land rented or leased FROM OTHERS	\$	🗆	\$		00
	<b>b.</b> Not secured by real estate	987 j \$ 00	3. All land rented or leased TO OTHERS .		🗆	\$		00
13		\$ 00 988	SECTION 28 INCOME FROM FARM - REL	ATED S	DURCES IN			-l
	(Do not include grazing fees.)	\$ 00	S28 Report amount received before	ore taxes	and expens		Farm-related	income
14	Property taxes paid — Include farm real estate; machinery, livestock, etc. for the farm business. (Do not include	989	1. Customwork and other agricultural serv				Dollars	Cents
	taxes paid by landlords.)	\$00	farmers and others – plowing, planting harvesting, preparation of products for	market.	etc.	9	92	
15	All other production expenses — Include insurance,		(If customwork is a separate business, refer SHEET, section 28)	to INFORM	NATION			00
	water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, burschold avpenses, and avpenses pat secondated with the	990 I	2. Gross cash rent or share payments received for					1
	household expenses, and expenses not associated with the farm business.	\$ 00	out farmland or payments received from allotments — Include payments for livestoc a per-head basis, per-month basis, per-pound	k pasture	d on	9	93	00
SECTION 24 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?			<ol> <li>Sales of forest products and Christmas</li> </ol>			- 10	94	1
	324	Go to section 25	maple products, naval stores, firewood, etc.					00
	N	one Acres fertilized	<ol> <li>Recreational services, patronage dividend and other income which is CLOSELY RELA</li> </ol>					i :
1.	Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b.)	932	agricultural operation on this place -			9	95	I I
2.	Acres of pastureland and rangeland fertilized in 1987	933	Specify		10.8544	<u> </u>  \$	D	00
	reported in section 10, items 2b and 4		SECTION 29 PERSON COMPLETI Name	NG TH	15 REPO 999 D		riease prir	1[
	LIME – tons of lime used and acres on 934	e Acres limed						
	which applied — (Do not include land plaster or gypsum or lime for sanitation.)		Telephone number Area Code Number	-				

FORM 87-A0210 (9-4-86)

FORM 87-A01(i) (12-17-86)

# INFORMATION SHEET

### **1987 UNITED STATES CENSUS OF AGRICULTURE**

### **Special Reporting Instructions**

#### 1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

#### 2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

#### 3. If You No Longer Farm

If you had agricultural operations **at any time during 1987**, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

#### 4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

#### 5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

#### 6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership.)"

#### 7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for 'THIS PLACE.''

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

#### **How to Enter Your Response**

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

### **Instructions For Specified Sections**

#### Section 1 - ACREAGE.IN 1987

Your answers to this section will determine the land (Acres in "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

#### Item 2 - All Land Rented or Leased FROM OTHERS -

Report all land rented by you or your operation even though the landlord may have supplied materials or supervision. INCLUDE in item 2:

- a. Land for agricultural use that you rented from others for cash
- b.Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

Item 3 – All Land Rented or Leased TO OTHERS – Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone else
- Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

#### If item 4, Acres in "THIS PLACE " is "O" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

#### Sections 2 through 8 – CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

### Form 87-A01(I)

Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave ''Acres irrigated'' blank for crops that are not irrigated.

#### **How to Report Crops Harvested**

- **Sections 2 and 3** Report only for the listed crops.
- Sections 4 through 8 To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

**Double Cropping** — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

*Example:* In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

S2 Were any of the following CROPS harvested from ************************************										
None	Acres harvested	Quantity harvested	Acres irrigated							
1. Cotton	091	092 Bales	093							
2. Soybeans for beans	<sup>088</sup> 40	<sup>089</sup> /,550 Bu.	<sup>090</sup> 40							
3. Wheat for grain 🗌	<sup>073</sup> 40	074 ( 230 Bu.	075							
4. Oats for grain	076	077 Bu.	078							

**Interplanted Crops** — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

*Example:* A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

**Skip Row Planting** — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

Section 4 — VEGETABLES — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

Section 8 — FRUITS and NUTS — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

#### ▶ Section 9 -- GROSS VALUE OF CROPS SOLD

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

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#### ▶ Section 10 - USE OF ACRES IN "THIS PLACE"

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE. as "Cropland harvested." in item 2a.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as ''Cropland idle,'' item 2f. The acres that represent the planted rows should be reported as ''Cropland harvested,'' in item 2a.

#### Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

#### Sections 13 through 17 –LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

- a. Cattle and calves sold for further feeding
- b. Veal calves, or any calves weighing less than 500 pounds
- c. Dairy cows fed only the usual dairy ration before being sold

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Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

**Contract and Custom Feeding Operations** – Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

#### ▶ Section 16 - HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, **OR ANIMAL SPECIALTIES**

Item 2 - If you owned BEES - Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 - Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 - Other Livestock and Livestock Products - Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 - Fish and Other Aquaculture Products - Report number of pounds sold and gross value of sales for each. Enter name and code from list.

#### ▶ Section 17 - POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987

#### ▶ Section 18 - AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

#### Section 19 – FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

#### Section 20 — TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation - Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21

Other - Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

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#### Section 21 – CORPORATE STRUCTURE

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

# Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation - Complete this section for the operator.

For Partnership Operations – Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

**Item 4 – Year Began Operation** – Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987 Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Before to the individual expenditure inters to flow to for the the individual expenditure. known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased - Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poults, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

Feed Purchased for Livestock and Poultry - Report the Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor - Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

**Contract Labor** — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

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Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

**Cash Rent Paid for Land and Buildings In 1987** — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

- a. Property taxes on land or buildings rented to someone else
- b. Taxes paid by landlords
- c. Property taxes paid on other property not associated with the farm business
- d. Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

#### Section 24 – COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

#### Section 26 – MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on"this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

#### Section 27 – ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

#### Section 28 - INCOME FROM FARM - RELATED SOURCES IN 1987

Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

**Item 1 – Customwork** – Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

**Item 2 – Rental Income** – Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received. 87-A01(L1) (1987)



### UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census

Washington, D.C. 20233

OFFICE OF THE DIRECTOR

in reply refer to: BUREAU OF THE CENSUS 1201 EAST TENTH STREET JEFFERSONVILLE, IN 47133

#### FROM THE DIRECTOR BUREAU OF THE CENSUS

The 1987 Census of Agriculture is underway. Our goal is to provide a complete and accurate measure of the Nation's agriculture. We need your completed report form to reach this goal.

Many changes have occurred in agriculture in the 5 years since the last census of agriculture was conducted. There is an urgent need for up-to-date and accurate statistics about our Nation's farmers and ranchers. Farmer organizations and the state, county, and Federal levels of government will use the statistical summaries from this census in making policy decisions affecting the agricultural industry. These decisions will no doubt have an effect on your operations. You can find a more extensive description of the uses of the census on the reverse side of this letter.

#### WHAT IS ENCLOSED IN THIS PACKAGE?

- 1. Census report form please complete and return to the Census Bureau.
- 2. An information sheet.
- 3. Return envelope.

#### WHEN IS THE CENSUS REPORT FORM DUE?

Please return your completed report form by February 1, 1988. This reduces the need for costly mail and telephone follow-ups. Should a telephone call be necessary, a supervisor may listen in to assure that the interviewer is doing a proper job.

#### IS YOUR RESPONSE REQUIRED?

Yes, by law (Title 13, United States Code).

#### WILL YOUR ANSWERS BE KEPT CONFIDENTIAL?

Yes. By the same law, your report to the Census Bureau is confidential. Only sworn Census Bureau employees can see your report to prepare necessary statistical summaries that in no way reveal information about you as an individual. Also, the law provides that copies retained in your files are immune from any legal process.

#### WHAT IF THE INFORMATION IS NOT AVAILABLE?

Use your best estimates if you do not have records available to provide data for all items.

WHAT IF YOU DID NOT CONDUCT ANY AGRICULTURAL OPERATIONS IN 1987 OR NEED HELP COMPLETING THE REPORT FORM?

First, read the special reporting instructions on page 1 of the information sheet. If you need additional information, please write to us. Please include the 12-character Census File Number (CFN) that is shown in the address label.

Bureau of the Census 1201 East 10th Street Jeffersonville, IN 47133

Thank you for cooperating with us in taking the 1987 Census of Agriculture.

The Census Bureau is grateful to you for your help in this important census.

Sincerely,

Cane

JOHN G. KEANE

Enclosures

## WHY THE AGRICULTURE CENSUS?

The national census of agriculture measures where farmers and ranchers stand — their supply needs; their production costs; and what they produce, how they produce it, and how much is produced. And it suggests how changing trends can shape their future.

Others provide agricultural data — but the census is the Nation's only consistent, comprehensive source of farm and ranch information for each county and state and for the Nation. This information provides for local and national comparisons.

## **HOW ARE CENSUS DATA USED?**

- Farmer organizations use census results to evaluate and propose programs and policies that affect all farmers and ranchers. The census data help them:
  - Decide the effect of proposed legislation on members.
  - Set up marketing programs for the membership.
  - Provide data to support the members' educational, legislative, and credit needs.
- Elected representatives use census information to develop programs to help solve such problems as:
  - Environmental, tax; and zoning questions; water resource problems; and land-use concerns.
  - Congress and the Administration evaluate the effects of potential changes in farm legislation set aside programs, agricultural trade, and farm credit.
- Researchers use census data to develop new farm technology. We conduct studies and surveys to:
  - Provide better irrigation techniques.
  - Provide guidance in the careful use of agricultural chemicals (insect control) and other farm safety practices.
- Locating processing and distribution facilities are based on census information:
  - Allocations for railroad cars for grains and other shipments.
  - Locations of retail and wholesale outlets for farm goods.
  - Location of new grain elevators.
- Farm suppliers of fertilizer, seed, and equipment use census data to meet farmers' and ranchers' needs for products by helping to:
  - Determine how much of a product to manufacture and where to ship.
  - Locate new stores for distribution of supplies.

## WHO PLANS THE QUESTIONS?

The Census Bureau works with representatives of farmers, ranchers, farm cooperatives and suppliers, state and local governments, and others to determine what questions should be asked in the census. The organizations represented are leaders in the agricultural industry and they include:

American Farm Bureau Federation National Cattlemen's Association National Council of Farmer Cooperatives National Farmers Organization National Farmers Union The National Grange Agricultural Publishers Association American Agricultural Economics Association American Feed Industry Association American Meat Institute Association of Research Directors, Inc. Conference of Consumer Organizations Farm and Industrial Equipment Institute National Agri-Marketing Association National Agricultural Chemicals Association National Association of State Departments of Agriculture National Association of State Universities and Land-Grant Colleges National Food Processors Association Rural Sociological Society The Irrigation Association U.S. Department of Agriculture

## WHAT HAPPENS TO YOUR ANSWERS?

The Census Bureau publishes data only in tabulated totals — by county, state, and for the Nation. The publications are available in libraries, universities, and the Government Printing Office, and from the Census Bureau.

By law only sworn Census Bureau employees see individual report forms, which cannot be provided to other government agencies, nor released under the Freedom of Information Act.

FORM 87-A01(L1)

## Reminder/Thank You Card Form 87-A01(L2)

(Front)	
U.S. DEPARTMENT OF COMMERCE Bureau of the Census Jeffersonville, Indiana 47144 87-A01(L2) OFFICIAL BUSINESS	PRESORTED FIRST-CLASS MAIL POSTAGE & FEES PAID CENSUS PERMIT No. G-58
enalty for Private Use, \$300	

(Back)

THANK YOU . . . if you returned the 1987 Census of Agriculture report form you received earlier this month. If you have not returned your report form, please take a few minutes to complete and return it by February 1, 1988. Your prompt reply will aid in the early publication of the census of agriculture information for your State. Sincerely, JOHN G. KEANE Director Bureau of the Census A STATES OF MANY

UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Data Preparation Division Jeffersonville, Indiana 47133

87-A01(L3) (1987)

We recently sent you a 1987 Census of Agriculture report form. According to our records, we have not received your completed report. We are enclosing another copy of the report form. Please complete it using your best estimates for items where information is not available. We have included a preaddressed return envelope for your convenience.

IS YOUR RESPONSE REQUIRED?

Yes, by law (Title 13, United States Code). More importantly, this law requires that your report must be held COMPLETELY CONFIDENTIAL.

# WHAT IF YOU DID NOT OPERATE A FARM OR RANCH, OR DID NOT HAVE ANY AGRICULTURAL PRODUCTION IN 1987?

Please complete Section 1 and refer to the special reporting instructions on page 1 of the enclosed information sheet.

## HOW ARE CENSUS DATA USED?

By businesses, farm organizations, and government to make crucial decisions that can affect you and the Nation's agriculture. It is in your best interest to provide the information requested so these decisions are based on accurate data.

WHAT IF YOU HAVE A QUESTION OR NEED HELP?

Call our toll-free number at 1–800–233–6132 (1–800–233–6135 for Indiana residents) between 8:00 a.m. and 4:30 p.m. Eastern Time or write to us. If you prefer to write, all correspondence should be addressed to our Jeffersonville office and include the 12-character Census File Number (CFN) that is shown in the address label:

Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47133

Thank you for your cooperation in completing your report form.

Sincerely,

Roger H. Bugenhagen

ROGER H. BUGENHAGEN Assistant Director for Economic and Agriculture Censuses Bureau of the Census

Enclosures

## Followup Letter Form 87-A01(L4)

87-A01(L4) (1987)



UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Data Preparation Division Jeffersonville, Indiana 47133

## WE ARE VERY CONCERNED.

We have not received your report form for the 1987 Census of Agriculture that was due February 1, 1988. If you mailed your report within the last several days, we thank you for your cooperation.

We need a reply from everyone who receives a census report form. If you did not raise crops or have livestock in 1987, please complete Section 1 of the report form and refer to the information sheet enclosed in the mail package we sent you earlier.

If you need help completing your report form, please call our toll free number 1–800–233–6132 (1–800–233–6135 for Indiana residents) between 8:00 a.m. and 4:30 p.m. Eastern Time or write to us. If you prefer to write, all correspondence should be addressed to our Jeffersonville office and include the 12-character Census File Number (CFN) that is shown in the address label:

> Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47133

Thank you for your prompt cooperation.

Sincerely,

Roger H. Bugenhagen

ROGER H. BUGENHAGEN Assistant Director for Economic and Agriculture Censuses Bureau of the Census

**NOTICE** — Response to this inquiry is required by law (Title 13, United States Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census Bureau employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

87-A01(L5) (1987)



UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Data Preparation Division Jeffersonville, Indiana 47133

We have not received your completed report form for the 1987 Census of Agriculture due February 1, 1988. For your convenience, we are enclosing a replacement report form. Use your best estimates if information for all items requested is not available.

We need a reply from everyone. If you did not operate a farm or ranch, or did not raise any crops or have livestock in 1987, please complete Section 1 and refer to the special reporting instructions on page 1 of the enclosed information sheet.

We are relying on your cooperation in the census. The filing of this report is required by law (Title 13, United States Code) and there are penalties for failure to report. By the same law, your report to the Census Bureau is CONFIDENTIAL. It may be seen only by sworn Census Bureau employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. Pertinent sections of the law are printed on the other side of this letter.

We need your report so that the census results for your county will be complete, accurate, and timely. Census data are used extensively by your farm organizations, Congress, the U.S. Department of Agriculture, other Federal and state agencies, agricultural experiment stations and colleges, farm publications, and the businesses on which you depend for services, supplies, and equipment.

Please take time TODAY to complete and return the report form. If you need help, you may call our toll free number 1–800–233–6132 (1–800–233–6135 for Indiana residents) between 8:00 a.m. and 4:30 p.m. Eastern Time or write to us. If you prefer to write, all correspondence should be addressed to our Jeffersonville office and include the 12-character Census File Number (CFN) that is shown in the address label:

Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47133

Sincerely,

Kogen H. Bugenhogen

ROGER H. BUGENHAGEN Assistant Director for Economic and Agriculture Censuses Bureau of the Census

Enclosures

## EXCERPTS FROM TITLE 13, UNITED STATES CODE WHICH RELATE TO THE CENSUS OF AGRICULTURE

## AUTHORITY TO CONDUCT CENSUS - Section 142

- (a) The Secretary shall in 1979, in 1983, and in every fifth year beginning after 1983, take a census of agriculture.
- (c) The data collected in each of the censuses taken under this section shall relate to the year immediately preceding the year in which such census is taken.

## AUTHORITY TO COLLECT PRELIMINARY AND SUPPLEMENTAL STATISTICS - Section 193

In advance of, in conjunction with, or after the taking of each census provided for by this chapter, the Secretary may make surveys and collect such preliminary and supplementary statistics related to the main topic of the census as are necessary to the initiation, taking, or completion thereof.

## MANDATORY PROVISIONS OF LAW

## Section 221

- (a) Whoever, being over eighteen years of age, refuses or willfully neglects, when requested by the Secretary, or by any other authorized officer or employee of the Department of Commerce or bureau or agency thereof acting under the instructions of the Secretary or authorized officer, to answer, to the best of his knowledge, any of the questions on any schedule submitted to him in connection with any census or survey provided for by subchapters I, II, IV, and V of chapter 5 of this title, applying to himself or to the family to which he belongs or is related, or to the farm or farms of which he or his family is the occupant, shall be fined not more than \$100.
- (b) Whoever, when answering questions described in subsection (a) of this section, and under the conditions or circumstances described in such subsection, willfully gives any answer that is false, shall be fined not more than \$500.

## **CONFIDENTIALITY OF INFORMATION**

## **Section 9**

Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may, except as provided in section 8 of this title (which permits only the release of identifiable personal information to a respondent of the heir, successor or agent of such respondent) –

- (1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or
- (2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or
- (3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.

No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so retained shall be immune from legal process, and shall not, without the consent of the individual or establishment concerned, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceeding.

## Section 214

Whoever, being or having been an employee or staff member referred to in subchapter II of chapter 1 of this title, having taken and subscribed the oath of office, or having sworn to observe the limitations imposed by section 9 of this title, publishes or communicates any information, the disclosure of which is prohibited under the provisions of section 9 of this title, and which comes into his possession by reason of his being employed (or otherwise providing services) under the provisions of this title, shall be fined not more than \$5,000 or imprisoned not more than 5 years, or both.

87-A01(L5) (1987)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS 87-A01(L6) (1987)



UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Data Preparation Division Jeffersonville, Indiana 47133

Your 1987 Census of Agriculture report form is now long overdue. Please take time to complete and return your report form today. If you did not operate a farm or ranch, or did not raise any crops or have livestock in 1987, please complete Section 1 of the report form and refer to the information sheet enclosed in the mail package we sent earlier. Your best estimates are acceptable if you do not have records available for all items.

We need a reply from everyone who receives a census report form so that the census results for your county will be complete. Your own farm organizations and all levels of government use statistical summaries from the census to make decisions affecting the agriculture industry and likely affecting you.

If you need help completing your report form, please call our toll free number 1-800-233-6132(1-800-233-6135 for Indiana residents) between 8:00 a.m. and 4:30 p.m. Eastern Time or write to us. If you prefer to write, all correspondence should be addressed to our Jeffersonville office and include the 12-character Census File Number (CFN) that is shown in the address label:

> Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47133

Thank you for your cooperation in completing your report form.

Sincerely,

Kogen 1. Bugenhogen

ROGER H. BUGENHAGEN Assistant Director for Economic and Agriculture Censuses Bureau of the Census

**NOTICE** — Response to this inquiry is required by law (Title 13, United States Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census Bureau employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

87-A01(L7)

(1987)

Survey and Survey Con-

UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Data Preparation Division Jeffersonville, Indiana 47133

This is the final notice asking you to file your 1987 Census of Agriculture report form. Your report was due on February 1, 1988. Your response is required by law (Title 13, United States Code) and there are penalties for failure to report. Traditionally, we have sought voluntary cooperation. Failure to report is cause for legal action.

Your report to the Census Bureau is CONFIDENTIAL by law. It may be seen only by sworn Census Bureau employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. Pertinent sections of the law are printed on the reverse side of this letter.

We have a responsibility to the farmers and ranchers of America to publish reliable statistics on agriculture for each county, state, and for the Nation. The information from the census is used by businesses, farm organizations, and government when making crucial decisions that affect you and the Nation's agriculture. It is in your best interest to provide the information requested so these decisions are based on complete and accurate data.

If you need help completing your report form, please call our toll free number 1–800–233–6132 (1–800–233–6135 for Indiana residents) between 8:00 a.m. and 4:30 p.m. Eastern Time or write to us. If you prefer to write, all correspondence should be addressed to our Jeffersonville office and include the 12-character Census File Number (CFN) that is shown in the address label:

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Enclosures

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In advance of, in conjunction with, or after the taking of each census provided for by this chapter, the Secretary may make surveys and collect such preliminary and supplementary statistics related to the main topic of the census as are necessary to the initiation, taking, or completion thereof.

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### Section 221

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- (b) Whoever, when answering questions described in subsection (a) of this section, and under the conditions or circumstances described in such subsection, willfully gives any answer that is false, shall be fined not more than \$500.

## **CONFIDENTIALITY OF INFORMATION**

### **Section 9**

Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may, except as provided in section 8 of this title (which permits only the release of identifiable personal information to a respondent of the heir, successor or agent of such respondent) —

- (1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or
- (2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or
- (3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.

No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so retained shall be immune from legal process, and shall not, without the consent of the individual or establishment concerned, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceeding.

## Section 214

Whoever, being or having been an employee or staff member referred to in subchapter II of chapter 1 of this title, having taken and subscribed the oath of office, or having sworn to observe the limitations imposed by section 9 of this title, publishes or communicates any information, the disclosure of which is prohibited under the provisions of section 9 of this title, and which comes into his possession by reason of his being employed (or otherwise providing services) under the provisions of this title, shall be fined not more than \$5,000 or imprisoned not more than 5 years, or both.

87-A01(L7) (1987)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

## Report Form 87-A0400

DUE BY FEBRUARY 1, 1988		NOTION		inced by t		B No. 0607-0534: Approval Exp	
FORM 87-A0400 U.S. DEPARTMENT (3-13-87) BURE	OF COMMERCE	THE CENSUS only for statist	sponse to this inquiry is requ BUREAU IS CONFIDENTIAL. ical purposes. Your report CA	It may be NNOT be	seen only by s used for purpor	sworn Census employee ses of texation, investig	s and may be us
	S	The law also p	rovides that copies retained in lence pertaining to this rep	n your files	s are immune fro	om legal process.	
AG CENSUS USA	IUKE	[				87-A0400	
Please complete this form and RETURN TO New York Street Jeffersonville, iN 4713	3						
Note — If your records are not available, reasonable esti used. If you cannot file by February 1, a time extension reque to the above address. Include your 12-character Census File as shown in your address label in all correspondence to us.	st may be sent						
If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.							
	38	1					
SECTION 1		Please	correct errors in name, addr SECTION 4	ess, and Z	IP Code. ENTE	R street and number if n	ot shown.
1. At any time during 1987, did you plant, grow, or have a			• PART A - CROP				' in 1987.
Hay or tobacco?     Fruit, nut, or citr     Corn, wheat, or other grains?     Vegetables, mel	ons, or berries?	/ines?	(Do not include crops g	rown on la [			Gross value of
Other crops?     Greenhouse or n     Yes     No	ursery crops?		1.Hay crops -	None	Acres harvested	Quantity harvested	Crops sold Dollars Cer
2. At any time during 1987, did you raise, sell, or keep any		1	a.Alfalfa and alfalfa mixtures	🗆	103	104 Tons, dry	782 \$ 00
Cattle, hogs, sheep, or goats?     Chickens or other poultry?     Fish in captivity?	2	:	<b>b.</b> Small grain hay .	🛛 [	106	107 Tons, dry 113 Tons	782 \$ 0(
Bees?     Other animal spe	ecialties?		<b>c.</b> Wild hay		109	113 Tons, dry	782   \$   0( 782
Yes No If you answered YES to EITHER of these questions	an to SECTIO	N 2	d. Other hay Specify kind		105	Tons, dry	\$ 00
If you answered NO to BOTH of these questions, ge			2. Corn for grain or see		067	068 Bu.	773 \$ 00
SECTION 2 ACREAGE IN 1987 Report land owne your spouse, or by the partnership, corpo	d, rented, or us	sed by you,	3. Soybeans for beans	🗆 [	088	089 Bu.	775 \$ 0(
which you are reporting. Include ALL LA LOCATION OR USE — cropland, pasture	ND, REGARDL	ESS OF	4. Wheat for grain	🗆 [	073	074 Bu.	774 I \$ I O(
woodland, idle land, house lots, etc.		u, umber of acres	5. Tobacco — all types		094 /10	095 Lbs.	781 \$ 0(
1. All land owned	04	3	6. Potatoes, Irish (Do not include those grown	_	097	098	785
<ol> <li>Ail land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, and railroad land. (DO NOT include land used on a per- basis under a grazing permit.)</li> </ol>	or 04 State, ead	4	for home use.)	e N	/10		\$ <u> </u> 00
<ol> <li>All land rented or leased TO OTHERS, including land worke shares by others and land subleased. Also complete item 5</li> </ol>	d on below.		Specify			/10 /10	
<ol> <li>Acres in "THIS PLACE"  – ADD acres owned (itt and acres rented (item 2), then SUBTRACT acres ren TO OTHERS (item 3), and enter the result in this space</li> </ol>	em 1) nted	046	8. All fruit and nut orch vineyards, and berrie	ards,	lone Total ac	res Quantity harvested	Dollars Cen 784 \$ 0(
If the entry is zero please refer to the Information Sheet	, section 2		Specify			/10 <sup>3</sup> Lbs. /10 <sup>3</sup> Lbs.	
5. Of the land you rented or leased to others, how many acres did you own?	None 053	Acres	9. Other crops — For add Report quantity harveste	litional croj d in the un	ps, enter the cro it specified with	n name and code from the	list below.
6. In what county was the largest value of your agricultural products raised or produced?	County name	e State	Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold Dollars Cen
SECTION 3 LAND USE and IRRIGATION • PART A – How were the ACRES in this place us						1	2 \$ 0(
1. Cropland harvested - Include all land from which crops	78	umber of acres	If more space is needed, use a	separate sh	set of paper.	I.,	\$ 00
groves, vineyards, and nursery and greenhouse crops.	rus 790	,	Crop name Barley for grain (bushels)		079 1 0	Crop name Dats for grain (bushels)	Co.
2. Cropland on which all crops failed – (Exception: Do not report here land in orchards and vineyards on which the crop fa	iled.)		Corn for silage or green chop Cotton (bales)	(tons, gree	en) <b>070</b>   S	Sorghum for grain-milo (b Other crops (pounds) — S	usheis) 08
Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow	791		PART B – NURSER' on "THIS From the list below, enter	PLACE"	' in 1987		-
<ol> <li>Cropland used only for pasture, woodland pasture and other pastureland and rangeland</li> <li>All other woodland, wasteland, houselots, etc. nc</li> </ol>	🖵 🖓	7		Sode und	quare feet	Acres in the open in 1987	Sales in 1987
reported in items 1 through 4 above	<u>⊔</u>	Imber of acres		othe	r protection W	/hole acres Tenths	Dollars Cen
PART B — IRRIGATION     How many acres of harvested land were irrigated? In land from which hay was cut and land in bearing and nonbe	None clude 680 paring	irrigated	If more space is needed, use a Crop name		Code   C	/10 \$	0
fruit and nut crops. 2. How many acres of pastureland, rangeland, and any lands not included in item 1 above were irrigated?	other 58	1	Bedding plants (include vege Cut flowers and cut florist gr Nursery crops — ornamental and nut trees, and vines	eens s, fruit	<b>485  </b> F	Potted flowering plants oliage plants Greenhouse vegetables . Other - Specify	
PENALTY FOR FAILURE TO REPORT	I						

SECTION 5 LIVESTOCK and POULTRY	• PART E – HORSES,	OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH			
	INVENTORY	INVENTORY Total quantity Gross value of sales			
None pia	Des 21 1007	place Dec. 31, 1987 Sold In 1987 Dollars Cents			
	of all ages	Number \$00			
804		Number			
had calved.	cows 2. Colonies of bees	honey \$ 00			
b. MILK COWS kept for production of milk or	Mar	Number			
milk cows and milk heifers that had calved	Cows 3. Milk goats				
Gross valu	e of sales	Number			
None Dollars					
Include milk, cream, butter, etc	00 animal products.				
CATTLE and CALVES SOLD	Enter name/code from beio	1 2			
Include as sold cattle moved from Number sold	Gross value of sales NameCode	a ha ana ha an an an an an an an an an an an an an			
this place to a feedlot for further None in 1987 feeding. 808	Dollars Cents Mules, burros, donkeys 83	3 Rabbits and their pelts 854 Other livestock, fish,			
3. Calves less than 500 pounds	\$ 00 SECTION 6 GOVERN				
4. Cattle - Include calves 500 pounds or more	Amount received in 19	radeemed or forfeited			
a. Of ALL cattle sold, how many were 812 812	813	None Dollars Cents			
CONCENTRATES for 30 days or more	SECTION 7 Poyments				
	PRÓGRA				
	Number on this	None Dollars Cents			
815	1. Amount received in ca	sh			
1. HOGS and PIGS of all ages	2. Value of certificates re Total (PIK) or commodity ce				
	SECTION 8 Acres In t	his place SET ASIDE, DIVERTED, or IDLED under			
	FEDERAL				
Number sold		set aside (or diverted) under			
2. HOGS and PIGS SOLD from this	821 AnitoAL Contributy				
place in 1987	s 00 RESERVE PROGRAM	10 year, CRP)?			
sold as FEEDER PIGS for further feeding?	SECTION 9 CHARAC				
PART C - SHEEP and LAMBS     INVENTORY     Number on this	NUMBER SOLD 1. RESIDENCE - Does				
None place Dec. 31, 198					
PARTA – CATTLE and CALVES     Norm     Norm					
PARTA - CATTLE and CALVES     Nore     Part CALVES     Nore     Pa					
	all members of the partne				
PARTA - CATTLE and CALVES     Nore     Part A - CATTLE and CALVES     Nore     Part B - Difference     Part B - CALVES     Nore     Part B - Difference     Part B - Difference     Part B - Difference     Part B - Difference     Part B - DOBLERCE IN 1897     Part B - DOBLERCE     Part B - DOBLERCE     Part B - DOBLERCE     Part B					
PARTA - CATTLE and CALVES     None     Part A - CATTLE and CALVES     None     Part B - MOS     None     Part     Part     Part B - MOS     None					
3. What was the gross value of sales of None Dollars		ork.)			
SHEEP, LAMBS, and WOOL from this	00				
PART A - CATTLE and CALVES     None     Model or the     Determined of the comparison of the comp		• • •			
this play	ce sold in 1987 4. In what YEAR did the	operator begin to operate			
PARTA - CATTLE and CALVES     Nore     More     More					
PARTA - CATTLE and CALVES     Non     PARTA - CATTLE and CALVES					
100	}				
replacement	6. RACE of operator				
	899	Asian or Pacific			
900	901				
	1				
	7 CEV of another				
PARTA - CATTLE and CALVES     Norm     Norm					
Turkey hens kept I Geese	il 912 origin or descent (Me	xican, Puerto Rican,			
Ducks	secify				
	e of sales Name				
PRODUCTS (eggs, etc.) sold from this place	Area c	ode Number			
III 130//	00 relephone number				

FORM 87-A04(I)

## **INFORMATION SHEET**

### **1987 UNITED STATES CENSUS OF AGRICULTURE**

### **Special Reporting Instructions**

#### 1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

#### 2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

#### 3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

#### 4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining This and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

#### 5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

#### 6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "(Name of partner) has completed a report for the partnership (provide name and CFN of partnership.)"

#### 7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

#### 8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

### Instructions For Specified Sections

#### Section 2 – ACREAGE IN 1987

Your answers to this section will determine the land (Acres in "THIS PLACE") referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 ~ All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2

- e. Land for agricultural use that you rented from others for cash
- Land you worked on a share basis (crop or livestock)
- c. Land owned by someone else that you used rent-free
- d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- a. Owned land rented to others for cash or a share of crops or livestock
- b. Land you rented from someone and then subleased to someone
- c. Land worked for you by someone for a share of crops or livestock
- d. Land which you allowed others to use rent-free

Item 4 – Acres in "THIS PLACE" ~ This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.
- b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.
- c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

#### Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

#### Section 4 -- CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in ''THIS PLACE'') of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

DO NOT INCLUDE:

Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

Quantity Harvested - If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

**Item 7 – Vegetables** – Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines, include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Croplend idle." included, these "Cropland idle.

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

**Item 9** – **Other Crops** – To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

## Section 5 -- LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A. B. C. and D - LIVESTOCK AND POULTRY

Animals and Poultry to Include in the Report - Report all Animals and routry to include in the report — heport all animals, poultry, and animal specialities on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-tarm pasture (such as wheat nasture or cron animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the erson who had control of the animals

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS, Such purchase and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

- b. Dairy cows fed only the usual dairy ration before being sold
- c. Veal calves, or any calves weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not onerate. livestock and po did not operate.

Contract and Custom Feeding Operations - Livestock or poultry Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place. the place

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the price in 1997. from the place in 1987.

## Part E -- HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products - Include in all other livestock and livestock products manure, besawax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

## Section 6 – AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program

#### Section 7 – FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

#### Section 8 Section 8 – ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

# Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation -- Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc. -not

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 - Year Began Operation - Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

FORM 87-A04(I) (3-31-87)

ORM 87-A0215	U.S. DEPAR1	MENT OF	COMMERCE THE CENSUS	BUREA Your re	U IS CONFIC	ENTIAI T be us	It may ed for pur	be seer poses c	n only by s	worn Cens	OMB No S. Code). By the sus employees an ion, or regulation	ie same la nd may be	w YOUR RE	PORT TO T	al purposes.
Â	G CENSUS USA			in your	files are imm	une fro	n legal pro	ocess.							
CENSUS O	ED STATE F AGRICU SCARETAKE	JLTI	JRE												
	ENSUS USE ONLY														
035 036	037	038													
040	041	042			Ple	ase con	ect errors	in nam	e, address	, and ZIP C	ode. ENTER stre	et and nu	mber if not s	hown.	
SECTION 1 ACREAGE	IN 1987										n 2) enter the f				indlord.
						Γ			landlord		Mailing address		· · · · · · · · · · · · · · · · · · ·	Number	
Report land owned, renter partnership, corporation,	or organization for which	you are r	eporting. In			L									
ALL LAND, REGARDLESS rangeland, woodland, idle		- croplar	nd, pasturel	and,											
							taddition	al landi	ords in PF	MARKS	ction, page 4.			<del>.</del>	
<b></b>			None	Numbe	er of acres						) enter the folio	wing info	rmation for	each rente	er.
<ol> <li>All land owned (include l which you cared for or n</li> </ol>	nanaged for others).			43		Γ			f renter		Mailing address			Number	
List on a separate sheet address, and acreage for															
2. All land rented or leased	FROM OTHERS,		0	44											
including land worked by include land which you d			_			Ļ									
others.) Also complete i	tem 5 of this section .	••••		45					u rented (		on, page 4.	No	ne 053		
<ol> <li>All land rented or leased land worked on shares b</li> </ol>							to other	s, how	i many ao	cres did y	ou own?				_ Acres
Also complete item 6 of				046		a	In what d	county	was the	IURAL A	CTIVITY FOI		State	Number	of acres
4. Acres in "THIS PLA and acres rented (item TO OTHERS (item 3), a	<ol><li>then SUBTRACT a</li></ol>	cres rent	ed				largest vi agricultu raised or	ral pro	ducts	Principal county —)				556	
			_		<b>†</b>		If you als agricultu		rations		L			057	
For this census report th	ese are the acres in "T	HIS PLA	CE." ——				in any ot enter the name(s),	her coun	unty(ies), ty	Other counties				058	
SECTION 2 ACRES IN	CITRUS GROVES AN	D OTHE	RORCHA	RDS O	R GROVE	_					Total acres			s irrigated	1
1.TOTAL ACRES in bearing	g and nonbearing citrus	or other	groves on t	his pla	ce. (DO NC	T incl	ude abar	ndone	d acres.)			/10	22		/10
<ol> <li>Report the following info wind, etc. For interplant</li> </ol>						rices,	damage	from	frost,						
			1		ES OR VINE	S 0F -	- Ac	res in	trees	Quanti	ty harvested	Unit of r	neasure	Mark one	,
Crop r	ame	Code	Nonbearin	ig age	Bearing	age			all ages	(1986-	-87 season)	Lbs.	Tóns	Boxes	Lbs. per box
1. Total oranges		297			298		299	1	/10	300		301 1	2	3 🗌	302
Optional —	a. Valencia oranges								/10						
Complete only if you find it helpful	b.Navel oranges		L					1	10						 
in computing ''Total oranges''	c.Temple oranges							 	/10					<u> </u>	
	d. Other oranges				269		269		10			, []			272
2. Grapefruit		267			268				10	270		271	2 🗌	3 🗌	272
3. Honey tangerines (m	nurcotts)	291			310		293		10	294 312		295 1 313	2	30	296    314
4. Other tangerines		309	ļ		310		305		10	306		1 307	2	3 🗍	308
5. Tangelos 6. Other citrus – Nan	ne	303					2		10	3		1	2	3 🗌	15
Specify					1		2		.10	3		1 🗌	2	3 🗌	15
					1		2		/10	3		1	2	3 🗌	10    5
7. Non-citrus fruit			 		 		2		:10	3		1 🗌	2	3 🗌	1
or nut trees or							2		.10			• 1 🗌	2 🗌	3 🗌	1 
Vines — Specify If more space is needed, use f	REMARKS service pros 4				<u> </u>		ſ		10		1	1	2	3	1
							F	D	ss value of pliars	Cents	-				
<ol> <li>What was the gross valu fruits from this place in 1</li> </ol>							78 \$	14		00	1				

SECTION 3	MUSHRO		s, flowers,	flower	IOPS, seeds, vegetable other protection		SECTION 6 INCOME FROM FARM-RELATED SOURCES IN 1987 Report amount received before taxes and expenses.
	GROWN F	OR SALE on "T	HIS PLAC	E" in 19	987?	1	Farm-related income
	_						1. Customwork and other agricultural services provided for farmers and others – plowing, None Dollars † Cents
		Complete th	is section				planting, spraying, harvesting, preparation of
1	2 🗌 NO	- Go to section	4		Area interacted		products for market, etc. (DO NOT include charges
			None		Area irrigated are feet Acres 1	Taatha	to grove owners whose land is a part of THIS PLACE. J
				477	478	1611115	Specify kind of work done \$
1. Nursery and g	greenhouse o	crops irrigated in 1	987		i	/10	
2. From the list	below, enter	the crop name an	d code for ea	ach crop	grown.		2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — <i>include payments for</i>
	T	Square feet	Acres in	n the		_	livestock pastured on a per-head basis, per-month basis,
Crop name	Code	under glass or	open in		Sales in 1987	7	per-pound basis, etc.
Crop Hame	0000	other protection in 1987	Whole acres	Trathe	Dollars	Cents	
			1	Tentns	2	1 Conta	Include maple products, naval stores, firewood, etc
				/10	4	00	
├─── <b>─</b>			1	1 10	2		4. Recreational services, patronage dividends of
				/10	s	00	cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place –
			1		2		here agricultural operation on this place -
}				/10	\$	00	Specify \$ 00
			1		2	1	SECTION 7 TYPE OF ORGANIZATION
		1		i /10	\$ 1	i <u>00</u>	Mark (X) the one item which best describes the type of organization
	eded, use REM	ARKS section, page			_	Co.4-	for this place in 1987.
Crop name Bedding plants (Inc	lude verstati		Crop name Potted flower	ing plant-		Code 710	• FAMILY OR INDIVIDUAL operation – <sup>921</sup>
Bulbs (Exclude bul	b flowering pla	ants)	Mushrooms .			494	(Do not include partnership and corporation.) 1
Cut flowers and cu Nursery crops – or	t florist greens mamentals, fri	s	Sod harvested Vegetable and	i flower se	eeds	497 500	PARTNERSHIP operation — Include family     Go to section 9
nut trees, vines, a	and citrus see	dlinas 488	Greenhouse v	egetables		503	partnerships
		the ACRES in t			40073	500	INCORPORATED UNDER STATE LAW
SECTION 4	now ware	IN ACAES III I	nis piace o	JED IN	13071		• OTHER, such as estate or trust, prison farm,
1. Copy acres in	"THIS PLA	ACE'' from sectio	n 1. item 4.	page 1	Ac	res	grazing association Indian reservation etc. 4 Specify below then
NOTE: For ite	ems 2 to 5 bel	low. if land was use	ed for more th	an one p	urpose in 1987		gi contration, matan recontration, con rinn a go to section 9
report it in the	FIRST land us	se listed below that i, only as ''Croplan	t applies. For	example,	report cropland		Specify
	onoo pastaree		a narvestes.				SECTION 8 CORPORATE STRUCTURE (for incorporated operations only)
				1	None Number of	acres	
2. CROPLAND	)				787		1. Is this a family-held corporation?
a. Cropland I	arvested -	Include all land in	bearing and				
nonbearing	citrus groves	, orchards, vineyar and from which cro	ds, nursery a	nd			<b>2.</b> Are there more than 10 stockholders? $\ldots$ 3 $\square$ Yes 4 $\square$ No
or hay was	çut						SECTION 9 CHARACTERISTICS AND OCCUPATION OF OPERATOR
h. Cropland i	used only for	r pasture or grazi	na – Include		788		(Senior partner or person in charge)
rotation pas	sture and graz	ing land that could	have been u	sed			1 RESIDENCE Departure (appior partner or 923
for crops w	ithout additio	nal improvements.	• • • • • • • • • •	••••	789		<b>1.</b> RESIDENCE – Does the operator (senior partner or <sup>923</sup> person in charge) live on this place?
		er crops, legume					
		but NOT harves					2. PRINCIPAL OCCUPATION — At which occupation 928
pastured	• • • • • • • • •		• • • • • • • • •	· · · · ·	790		did the operator spend the majority (50 percent or
d. Cropland o	n which all	crops failed - (E	xception: Do	not	,30		more) of his/her worktime in 1987? For partnerships consider all members of the partnership together
failed. Suci	land in groves h acreage is t	s and orchards on w o be reported in ite	which the crop m 2a l	,			or ranching
	-				791		3. OFF-FARM WORK – How many days did the operator
e. Cropiano II	n cultivated	summer fallow .			793		(senior partner or person in charge) work at least
f. Cropland in	die – Include	e abandoned grove	acres				4 hours per day off this place in 1987? Include work at 2 L 1-49 days
a					794		a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)
3.Woodland woodlots and to		and <b>a.</b> Woodlan	d pastured				₄ 🛄 100 – 149 days
cutover and de	forested land	< <	nd not pastu	rod	795		s 🛄 150 – 199 days
with young tim	u <del>e</del> r growth.	( . woodian	io not pastu	neu	796		6 🗌 200 days or more
		rangeland — Inc					A in what VEAP did the operator (or conjer partner) 060
pastureland oti	her than crop	land and woodland	i pasture		797		4. In what YEAR did the operator (or senior partner) begin to operate any part of this place?
5. All other land	- Land in H	nouse lots, ponds,	roads wast	eland			925
1		reported in items 2					5. AGE of operator (senior partner or person in charge) Years old
					798		
6. TOTAL ACR (Should be the		the acres reported m 1 above.)	l in items 2 t	hrough !	' <b>.</b>	J	<sup>924</sup> /1 White
				ED et -	→ N Iny time in 1987?	, <b>4</b>	₂ ☐ Negro or Black
	•	•	-		•		
Irrigated land is or ditches, sore	all land wate ader dikes. A	red by any artificia tc. Include supple	l or controllec mental nartis	i means - al, and or	– sprinklers, furrows eplant irrigation.	·	6. RACE of operator (senior partner or person in charge)
							Islander
	1 🗌 YES	- Complete thi	s section				s 🗌 Other – Specify
	2 🗌 NO	<ul> <li>Go to section</li> </ul>					, <b>,</b> , , , , , , , , , , , , , , , , ,
					Number of a		
				1	None irrigated	1	
1. How many ac	res of harve	ested land were i	rrigated?		680		7. SEX of operator (senior partner or person in charge) 1 🗀 Male 2 🗀 Female
include land from nonbearing fruit	m which hay and nut crop	was cut and land in is reported in section	n bearing and on 4, item 2a.				8. SPANISH ORIGIN - Is the operator (senior partner 927
-	-				681		or person in charge) of Spanish origin or descent
		ureland, rangelan n 1 above were i					(Mexican, Puerto Rican, Cuban, or other Spanish)? 1 🗌 Yes 🛛 2 🗌 N o

CROPS othe place, or did	er than citrus o	e else have any l	harvested from this	SECTION 14 SELECTED PRODUCTION EXP others for this place in 1987			<b>ا</b>
	Complete this Go to section		Acres	Include your best estimates of expenses paid by with the grove caretaking or management busine expenses connected with customwork performe operation of nonfarm activities such as packing o businesses or services, not related to the farm bu	ss. Do no d for othe r procese	ot include ers,	•
1. CROPS				1	None	Dollars	Centa
1. CROPS	)			1. Trees, seeds, buibs, and plants purchased	🗆	974 \$	00
	L			2. Gasoline and other petroleum fuel and oil			1.
	[	Name	Current inventory	purchased for the farm business a. Gasoline and gasohol	🗆	977 \$	00
2. Livestock, poultry, etc.	<⊢───			<b>b.</b> Diesel fuel		978 \$	00
				c.Natural gas		979 \$	1
SECTION 11 Was any CO PHOSPHAT	MMERCIAL F	ERTILIZER, inc ed on this place	luding ROCK during 1987?	d. LP gas, fuel oil, kerosene, motor oil,	∟	980	00
_	Complete this			grease, etc.	🗆	\$ 981	00
2 NO -	Go to section :		None Acres fertilized	3. Electricity for the farm business (Do not include household expenses.)		s	00
used only for pastures repo	rted in section	4, item 2b	933	4. Hired farm and ranch labor – also include		<u> </u>	
2. Acres of pastureland and ra in 1987 reported in section	4, items 2b an			employer's cost for social security, workman's compensation, insurance premiums, pension		982	I I I
<ol> <li>Expenditures for commercia purchased — all forms, inclu</li> </ol>	uding rock	None	Dollars Cents	plans, etc.	🗆	\$	00
phosphate and gypsum - In custom applications. (Do not in			00	<ol> <li>Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc.,</li> </ol>		983	: 1 1
4. LIME - tons of lime used an	A acres on	Ione Tons of I	me Acres limed	performed on a contract basis by a contractor, a crew leader, a cooperative, etc.	🗖	\$	00
which applied — (Do not incli plaster or gypsum or lime for sa	nitation.)l			6. Repair and maintenance expenses for the		984	1
NEMATICIE	DES, OTHER F		FUNGICIDES, OTHER CHEMICALS	upkeep of buildings, motor vehicles, and fam equipment		\$	00
	place in 1987					·	
	Complete this Go to section			<ol> <li>Customwork, machine hire, and rental of machinery and equipment</li></ol>	s	985	i
Include any materials provid item listed, report acres only acreage treated for each put	y once. If multi			hauling, spraying, dusting, fertilizing, etc., performed b OTHERS. 8. Interest paid on debts –	v m	\$	00
1. Sprays, dusts, granules, fur	nigants, etc., (	fungicide, N	one Number of acres	a.Secured by real estate	🗆	986 \$	00
herbicide, insecticide, nema <b>a. Insects</b> on crops, includi		0i	936	b. Not secured by real estate		987	00
b. Nematodes in crops .			937			988	1 00
c.Diseases in crops and or rusts, etc.)	chards (blights,	, smuts,	938	9. Cash rent paid for land and buildings in 1987 (Do not include grezing fees.)		\$	00
d. Weeds, grass, or brush (include both pre-emergence	in crons and pa	asture .	939	10. Property taxes paid - Include farm real estate,		989	   
2. Chemicals for defoliation of	r for <b>growth c</b>	ontrol r	940	machinery, livestock, etc. for the farm business. (Do no include taxes paid by landlords.)		\$	00
of crops or <b>thinning</b> of fruit	• • • • • • • • • • • • •	_		11. All other production expenses Include insured	IC <del>Ø</del> ,		į.
<ol> <li>Agricultural chemicals purch herbicides, fungicides, othe</li> </ol>			Dollars Cents	water, marketing charges, miscellaneous farm supplies etc. (Do not include depreciation, household expenses and expenses not associated with the farm business.)		990 \$	00
Include cost of custom applicat			y on this place —	SECTION 15 ESTIMATED CURRENT MARK and BUILDINGS	ETVAL	UE OF LAND	
Include only	/ equipment u	ed for agricultu	ral operations in t used for packing			-	
or processin • Value of ALL machiner	•	nt oursently on t		Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and	Estim	ated current mar	ket value
1. What is the estimated mark	et value of ALL	machinery,	Estimated market value	buildings for the acres reported in section 1, items 1, 2, and 3, page 1. Nor		of land and build Dollars	Cents
equipment, and implements and used for the farm or ran	ch business? -	- Include cars,	Dollars Cents		996		1
trucks, tractors, sprayers, plow motors, irrigation equipment, e			00	which you cared for or managed for others	\$ 997		00
<ul> <li>SELECTED machinery equipment currently on</li> </ul>			Of the total, HOW	2. All land rented or leased FROM OTHERS	\$		00
(Report only if used in 1986 or 1987.)	1	Total number on this place	MANY were manufac- tured in the last 5 years		998		1
	None	944	(1983-1987)	3. All land rented or leased TO OTHERS	SEPORT	- Diegos antes	i 00
2. Motortrucks — Include picku		946	945	SECTION 16 PERSON COMPLETING THIS		- Please print <sup>999</sup> Date	
3. Wheel tractors other than g tractors and motor tillers – a.Less than 40 horsepowe	_			Telephone number			
<b>b.</b> 40 horsepower (PTO) or FORM 87:40215 (10:10:86)	more 🗋	948	949				

## 1987 Survey of Nonrespondents, Report Form 87-A46(A)

FORM 87-A46(A) (2-8-88)



UNITED STATES DEPARTMENT OF COMMERCE Bureau of the Census Washington, D.C. 20233

FROM THE AGRICULTURE DIVISION BUREAU OF THE CENSUS

We are currently conducting a survey of nonrespondents to the 1987 Census of Agriculture. The results of this survey will be used to account for census nonrespondents in census data. This sample-based adjustment to the census will enable us to meet our goal of a complete and accurate measurement of our Nation's agriculture.

## WHEN IS THE REPORT FORM DUE?

Please return your completed report form in the enclosed preaddressed envelope within 3 days of receipt. We need a response from everyone receiving this survey request. A prompt response will reduce the cost of additional mail and telephone contacts.

## **IS YOUR RESPONSE REQUIRED?**

Yes, by law (Title 13, United States Code). Excerpts from the law are printed for your information on the back of the report form.

## WILL YOUR ANSWERS BE KEPT CONFIDENTIAL?

Yes. By the same law, your report to the Census Bureau is kept confidential. Only sworn Census Bureau employees can see your report to prepare necessary statistical summaries. These summaries in no way reveal information about you as an individual.

# WHAT IF YOU DID NOT CONDUCT ANY AGRICULTURAL OPERATIONS IN 1987 OR DO NOT CONSIDER YOURSELF A FARMER OR RANCHER?

If this is your situation, it is important that you complete the appropriate sections and return the report form. We need your information to accurately estimate the proportion of nonrespondent addresses that do not have census farm operations.

## WHAT IF THE INFORMATION IS NOT AVAILABLE?

Use your best estimates if you do not have records available to provide the requested data for calendar year 1987.

Thank you for cooperating with us in completing the 1987 Census of Agriculture.

Sincerely,

Roger H. Bugenhagen

ROGER H. BUGENHAGEN Assistant Director for Economic and Agriculture Censuses

Enclosure

				000000000000000000000000000000000000000	000000000000000000000000000000000000000
				ions	
Item 1	<b>a.</b> At any time during 1987, did you pl	ant or produce any YES NO			YES NO
		🔲 🔲	(5) Fru gra	uits, nuts, citrus fruits, apes?	or
	(2) Wheat, sorghum, or other small grains?		(6) Ve	getables, melons, or	
	(3) Tobacco?	🗆 🗖			
	(4) Peanuts, cotton, potatoes, sugar crops?				
	÷ .	/			· · · · · · · · · · · · · · · · · · ·
	<b>b.</b> At any time during 1987 did you rai	se, sell, or keep any - YES NO	_		YES NO
	(1) Cattle, calves, hogs, or pigs?		<b>(5)</b> Be	es, honey?	
	-		(6) Fis	sh in captivity?	🗆 🗖
			( <b>7</b> ) Ot	her animal specialties,	mink,
			rat	odits, etc.?	[_] [_]
(1) Hay, corn, or soybeans?       (5) Fruits, nuts, citrus fruits, or grapes?         (2) Wheat, sorghum, or other small grains?       (6) Vegetables, melons, or berries?         (3) Tobecco?       (7) Greenhouse or nursery crops?         (4) Peanuts, cotton, potatoes, sugar crops?       (8) Other crops?         (5) Status, nuts, citrus fruits, or grapes?       (7) Greenhouse or nursery crops?         (4) Peanuts, cotton, potatoes, sugar crops?       (8) Other crops?         (5) Status, nuts, citrus fruits, or graps?       (7) Greenhouse or nursery crops?         (1) Cattle, calves, hogs, or gas?       (8) Other crops?         (2) Sheep, lambs, or goats?       (9) Sees, honey?         (3) Chickens or other poultry?       (7) Other animal specialties, mink, rabbits, etc.?         (4) Horses, ponies, or mules?       (7) Other animal specialties, mink, rabbits, etc.?         (4) Horses, ponies, or mules?       (7) Other animal specialties, mink, rabbits, etc.?         (6) Fish in captivity?       (7) Other animal specialties, mink, rabbits, etc.?         (6) ColCATION ON USE - croplend, pastureland, woodland, ide land, house lots, etc.       (7) Nore partial land word, etc.         (7) Cother animal specialties, managers, sude from OTHERS, including land worked by you on shares, used for thread biss under a graxing permit.)       (7) Other animal specialties, managers, or other associated persons. DO NOT include landlords or tenants.         (7) LOCATION ON USE - erosp					
Itom 2					
	corporation, or organization for which yo	u are reporting. Includ	le ALL L	AND, REGARDLESS	e Number of acres
	a. Acres of land OWNED				
	you on shares, used rent free, in ex taxes, etc. Include leased Federal, S	change for services, State, and railroad lar	baymen d. (DO	NOT	
	<b>c.</b> Acres of land rented or leased TO O shares by others and land sublease	THERS, including lar	d worke	ed on	
	in item c. The result, "ACRES IN TH	IS PLACE," is to be	used for	r completing this	
Item 3	a. List other individuals associated wit	h the operation of TH	IS PLAC	CE at any time during 1	987. Include
	partners, relatives, managers, or ot	her associated perso	ns. DO i	NOT include landlords	or tenants.
			<u> </u>		
	First name, middle initial, last name	Number and street or rur	al route a	ind box number Rel	lationship
		Post Office	State	ZIP Code	
	First name, middle initial, last name	Number and street or rur	al route a	ind box number Rel	ationship
		Post Office	State	ZIP Code	
			he labe	l l l l l l l l l l l l l l l l l l l	ural operation.
	If none, mark (X) this box				
	Name used				

## Form 87-A46(A)

Item 4	List crops harvested in 1987 on the "ACR	ES IN THIS PLAC	CE'' rep	ported in ite	em 2d.	
	If none, mark (X) this box	🛛				
	Name of crop Hay, corn, wheat, soybeans, oats, barley, sorghum, cotton, tobacco, potatoes, melons, peanuts, berries, vegetables, nursery products, etc.	Acres harvested in 1987		uantity rvested	Unit of measu Bushels, pounds, etc	landlord's share
	(a)	(b)		(c)	(d)	(e)
						\$
			· · · · ·			\$
						\$
						\$
Itom 5	Specify livestock or poultry on the "ACRE			) Jacombor 2	21 1007 or	\$
Item 5	If none, mark (X) this box.	owned by you or	by oth	ers.	51, 1987, 01	sold in 1987.
	Kind of livestock, poultry, or animal specialty	Number on thi				Value of sales including landlord's or
	Cattle, hogs, chickens, turkeys, broilers, ducks, geese, horses, mules, goats, sheep, bees, fish, fur-bearing animals, other livestock	place on December 31, 1			er sold 1987	contractor's share
	(a)	(b)		(	c)	(d)
						\$
						\$
						\$
					· -·· ,	\$
Item 6	Complete this item ONLY if you answered Mark (X) all items that apply to addressee.	"NO" to ALL qu	estion	s in item 1.		
	Rents all land to others and does not have separate crop or livestock operation.	Ĺ	□ Ne	ever operate	ed a farm or	ranch.
	SOLD farm or ranch before 1987.	[	tha	an agricultu	re productic	l activities other on — e.g., farm mill operator,
	Removed land from agricultural		pro	ovider of cu	stomwork o services, etc	r farm
	production in 1987.	_	] Ot	her – <i>Plea</i>	se specify 🚽	,
	Participates as a partner or sharehold of a farm or ranch operated by someone else.	er				
Item 7	Person completing this report					
Signature		Date o	complete	ed (Month/day	Area co	Telephone de Number

## **EXCERPTS FROM TITLE 13, UNITED STATES CODE WHICH RELATE TO THE CENSUS OF AGRICULTURE**

## AUTHORITY TO CONDUCT CENSUS - Section 142

- (a) The Secretary shall in 1979, in 1983, and in every fifth year beginning after 1983, take a census of agriculture.
- (c) The data collected in each of the censuses taken under this section shall relate to the year immediately preceding the year in which such census is taken.

### AUTHORITY TO COLLECT PRELIMINARY AND SUPPLEMENTAL STATISTICS - Section 193

In advance of, in conjunction with, or after the taking of each census provided for by this chapter, the Secretary may make surveys and collect such preliminary and supplementary statistics related to the main topic of the census as are necessary to the initiation, taking, or completion thereof.

## **MANDATORY PROVISIONS OF LAW**

#### Section 221

- (a) Whoever, being over eighteen years of age, refuses or willfully neglects, when requested by the Secretary, or by any other authorized officer or employee of the Department of Commerce or bureau or agency thereof acting under the instructions of the Secretary or authorized officer, to answer, to the best of his knowledge, any of the questions on any schedule submitted to him in connection with any census or survey provided for by subchapters I, II, IV, and V of chapter 5 of this title, applying to himself or to the family to which he belongs or is related, or to the farm or farms of which he or his family is the occupant, shall be fined not more than \$100.
- (b) Whoever, when answering questions described in subsection (a) of this section, and under the conditions or circumstances described in such subsection, willfully gives any answer that is false, shall be fined not more than \$500.

## Section 224

Whoever, being the owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, neglects or refuses, when requested by the Secretary or other authorized officer or employee of the Department of Commerce or bureau or agency thereof, to answer completely and correctly to the best of his knowledge all questions relating to his company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census or other schedule or questionnaire prepared and submitted to him under the authority of this title, shall be fined not more than \$500; and if he willfully gives a false answer to any such questions, he shall be fined not more than \$10,000.

### **CONFIDENTIALITY OF INFORMATION**

#### Section 9

Neither the Secretary, nor any other officer or employee of the Department of Commerce or bureau or agency thereof, may, except as provided in section 8 of this title (which permits only the release of identifiable personal information to a respondent or the heir, successor or agent of such respondent) -

- (1) use the information furnished under the provisions of this title for any purpose other than the statistical purposes for which it is supplied; or
- (2) make any publication whereby the data furnished by any particular establishment or individual under this title can be identified; or
- (3) permit anyone other than the sworn officers and employees of the Department or bureau or agency thereof to examine the individual reports.

No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so retained shall be immune from legal process, and shall not, without the consent of the individual or establishment concerned, be admitted as evidence or used for any purpose in any action, suit, or other judicial or administrative proceeding.

### Section 214

Whoever, being or having been an employee or staff member referred to in subchapter II of chapter I of this title, having taken and subscribed the oath of office, or having sworn to observe the limitations imposed by section 9 of this title, publishes or communicates any information, the disclosure of which is prohibited under the provisions of section 9 of this title, and which comes into his possession by reason of his being employed (or otherwise providing services) under the provisions of this title, shall be fined not more than \$5,000 or imprisoned not more than 5 years, or both.

FORM 87-A46(A) (2-8-88) ★ U.S. GOVERNMENT PRINTING OFFICE; 1988 --- 548-005/60314

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

# 1987 Classification Error Survey Report Form 87-A90

FORM <b>87-A</b> 5 (2-8-88)	90 U.S. DE	PARTMENT C	F COMMERCE F THE CENSUS	OT NOTICE – Response to this inquiry is required by law (Trite 13, U.S. Cod TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sy used only for statistical purposes. Your report CANNOT be used for pur regulation. The law also provides that copies retained in your files are imm In correspondence pertaining to this report, please refer to your	e). By the same la rorn Census emplo poses of taxation, une from legal pro	investigation, or cess.
				F		
EVA	LUATI		тыс			
	1987 C					
OF	AGRIC	CULTU	RE			
Please comple and RETURN	1201	East Tent	IE CENSUS h Street IN 47133			
CENSUS	010	011	012			
USE ONLY	013	014	015	Please correct errors in name, address, and ZIP Code. ENTER str	et and number if	not shown.
SECTION	of ye a lar	our house ge variet	hold migh	the kinds of associations and the types of activities that t have with agriculture. The Census Bureau's definition o ies, some of which you and others may not consider agric	f ''farming'' in	cludes
			describes luring 191	your association with 37 —	YES	NO
a. Sold	your fai	rm or rai	nch?		020	2
b. Retir	ed from	farming	or ranchi	ing?	021	2
c. Oper	ated a fi	arm or r	anch?		022	2 🗌
d. Oper	ated a gi	reenhoui	ið of nurs	ery?	023	2
e . Oper unde	ated a fa 7 a custo	rm or ra m arran	nch with a gement of	ill work being completed by hired custom operators?	024	2 🗌
				ner, investor, or corporate ation?	1	2 🗆
			lescribes ing 1987	your agricultural production —		
fruit,	sod, etc	.) or rais	ed ANÝ L	ay, tobacco, vegetables, IVESTOCK OR POULTRY ens, fish, bees, etc.)?	030	2 🗔
				or poultry for your	031	2 🗌
c. Grev	v crops (	or raised	livestock	or poultry as a HOBBY?	. 1	2 🗌
				have any other involvement	040 . 1 🗌	2
lf YE	S, descril	be the typ	oe of invol	/ement		
If you man	ked ''YES	S'' to AN	Y of the ab	ove items, continue with section 2 on page 2.		
If ALL iten	ns were n	narked ''I	NO,'' go to	section 6 on page 5.		

SECTION 2 This section asks about the NUMBER OF ACRES that was owned or used at any tim by the operator or operation named on the mailing label. Each census report should for land under the day-to-day management of the person or operation listed on the n The land does not have to be "agricultural" — it can include your residence, woodla pastureland, etc. — and it does not have to be located in a single place.	be com nailing	pleted
	None	Number of acres
1. What is the total number of acres that you, your spouse, or organization	_	000
<ul> <li>owned during 1987?</li> <li>Include acres owned for only part of the year as well as acres owned for the whole year.</li> </ul>		
2. In 1987, how many acres of land did you, your spouse, or organization rent or lease FROM OTHERS?		051
<ul> <li>Include land you work on shares, use rent-free, or in exchange for services, payment of taxes, etc.</li> </ul>		
<ul> <li>Include leased Federal, State and railroad land.</li> </ul>		
<ul> <li>Do not include land you use on a per-head basis under a grazing permit.</li> </ul>		
		052
3. In 1987, how many acres of land did you, your spouse, or organization	_	
rent or lease TO OTHERS?		
<ul> <li>Include land worked on shares by others and land subleased.</li> </ul>		
		053
4. Of the land you rent to others reported in item 3, how many acres do you own?		
	-	
5. Please add the acres reported in items 1 and 2. Subtract the acres rented		054
to others in item 3. The resulting acreage is your CENSUS PLACE and should		
be used for completing the remainder of this report form		
6. Of the land in your CENSUS PLACE reported in item 5 above,	_	055
a. How many acres were used as pasture?		
<ul> <li>Include cropland used only for pasture, woodland pastured, and rangeland.</li> </ul>		056
<ul> <li>Do not include land in orchards and vineyards on which crops failed.</li> <li>7. In what county and State was the largest value of your agricultural products raised or produced?</li> </ul>		
County State		
8. Did you have agricultural operations in any other county or counties?		
<sup>057</sup> 1 I YES — Enter the county and State name(s) and acreage		
County State		Number of acres
		058
		059
<ol> <li>Provide name and mailing address of each landlord FROM whom you rented land or use or worked land on shares (acres reported in item 2 above).</li> </ol>	d land	rent free
Name Mailing address, city, State, ZIP Code		Number of acres
		060
		061
		062
10. Provide name and mailing address of each person TO whom you rented land and the nu	mber o	of
acres rented (acres reported in item 3 above). Name Mailing address, city, State, ZIP Code		Number of acres
Wanne Wanny address, city, State, ZIP Code		063
		201
	i	064
		065

FORM 87-A90 (2-8-88)

decisions about you	f the person making or CENSUS PLACE		ty of the ma	nagem	ent					
First name	N	Aiddle initial	Last name				7			
This person will be ret	ferred to as the OPE	RATOR of y	our CENSU	S PLAC	E.					
a. What is the name	of the operator's	spouse?								
First name	N	Aiddle initial	Last name							
b. Does the operato	or live on the CENS	US PLACE?		. 070	1 🗆 Yes		 2 🗌 N o			
c. In what year did t part of the CENS	the operator begin	to operate a	ny	071	19	Vear				
				•	19	eai				
d. At what occupati majority of work	ion did the operato time in 1987?	r spend the		. 072	1 🗆 Farmin	ng	2 Othe	ər		
e. What is the oper	ator's age?			. 073		Ye	ars old			
f. What is the oper	ator's sex?			. 074	1 🗌 Male		2 🗆 Fem	ale		
In the past two year the one shown on th		r received m	ail at any a	ddress c	ther than			<u>,                                     </u>		
			Mailing add	ress				_		
075 1 🗌 Yes - Provi	ide other address —		City			State		ZIP Code		
2 🗋 No						State		2. 0000		
For business purpos	ses, does the opera	tor use any	other name	for the	CENSUS P	LACE	?			
	·		Name							
			Mailing address							
1 🗌 Yes – Provide other name										
_	2 🗆 No					Ser		710 0-4-		
_			City			State		ZIP Code		
_	nization best descr	ibes your CE			987?	State		ZIP Code		
2 🗌 No Which type of organ	r family operation (so	-	NSUS PLA	CE in 1		State		ZIP Code		
2 No Which type of orgar <sup>077</sup> 1 Individual or and corpora	r family operation (so ition	ole proprietor	NSUS PLA	CE in 1		State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership	r family operation (so ition operation, including	ble proprietor family partne	NSUS PLA ship), exclud	CE in 1		State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership	r family operation (so ition	ble proprietor family partne	NSUS PLA ship), exclud	CE in 1		State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership 3 Corporation corporation 4 Other - Suc	r family operation (so ition operation, including	ble proprietor family partne er state law,	Ship), exclue ership	CE in 1		State		ZIP Code		
<ul> <li>2 No</li> <li>Which type of organ</li> <li>077 1 Individual or and corpora</li> <li>2 Partnership</li> <li>3 Corporation corporation</li> </ul>	r family operation (so tion operation, including — incorporated und	ble proprietor family partne er state law,	Ship), exclue ership	CE in 1		State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership 3 Corporation 4 Other - Suc Specify T	r family operation (so tion operation, including — incorporated und ch as cooperative, e	ole proprietor family partne er state law, state, trust, e	ship), exclud ership including fau tc. —	<b>CE in 1</b> ding part nily	nership	State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership 3 Corporation corporation 4 Other - Suc	r family operation (so tion operation, including — incorporated und ch as cooperative, e <b>987 were there an</b>	ole proprietor family partne er state law, state, trust, e	ship), exclud ership including fau tc. —	<b>CE in 1</b> ding part nily	nership	State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership 3 Corporation Corporation 4 Other - Suc Specify T At any time during 1	r family operation (so tition operation, including — incorporated und ch as cooperative, e ch as cooperative, e 987 were there an NSUS PLACE?	ole proprietor family partno er state law, state, trust, e state, trust, e <b>y other indiv</b>	ship), exclud ership including fau tc. —	<b>CE in 1</b> ding part nily	nership	State		ZIP Code		
2 No Which type of organ OT7 1 Individual or and corpora 2 Partnership 3 Corporation 3 Corporation 4 Other - Suc Specify T At any time during 1 operation of the CEN	r family operation (so tition operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requ	ole proprietor family partno er state law, state, trust, e state, trust, e <b>y other indiv</b>	ship), exclud ership including fau tc. —	<b>CE in 1</b> ding part nily	nership	State		ZIP Code		
2 □ No Which type of organ <sup>077</sup> 1 □ Individual or and corporation 2 □ Partnership 3 □ Corporation 4 □ Other - Suc Specify ▼ At any time during 1 operation of the CEN <sup>078</sup> 1 □ Yes - Provi 2 □ No - Go to	r family operation (so operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requi o section 4	ole proprietor family partne er state law, state, trust, e y other indiv ested below	NSUS PLA ship), exclud ership including far tc. — iduals asso	CE in 1 ding part nily ociated v	nership with the relationship of lual to operato	f this prof	Busines	s relationship o		
2 □ No Which type of organ <sup>077</sup> 1 □ Individual or and corpora 2 □ Partnership 3 □ Corporation corporation 4 □ Other - Suc Specify Ţ At any time during 1 operation of the CEN <sup>078</sup> 1 □ Yes - Provi	r family operation (so tition operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requ	ole proprietor family partne er state law, state, trust, e y other indiv ested below	NSUS PLA ship), exclud ership including far tc. — iduals asso	CE in 13 ding part mily sciated v	nership with the	this or of e.g.	Busines this indiv of <b>CENS</b> hired m	s relationship ridual to operat <b>US PLACE</b> (e.		
2 □ No Which type of organ <sup>077</sup> 1 □ Individual or and corporation 2 □ Partnership 3 □ Corporation 4 □ Other - Suc Specify ▼ At any time during 1 operation of the CEN <sup>078</sup> 1 □ Yes - Provi 2 □ No - Go to	r family operation (so operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requi o section 4	ole proprietor family partne er state law, state, trust, e y other indiv ested below	NSUS PLA ship), exclud ership including far tc. — iduals asso	CE in 13 ding part mily sciated v	relationship of lual to operato <b>US PLACE (</b> <b>US PLACE (</b> <b>US PLACE (</b>	this or of e.g.	Busines this indiv of <b>CENS</b> hired m	s relationship ridual to operat <b>US PLACE</b> (e.		
2 □ No Which type of organ <sup>077</sup> 1 □ Individual or and corporation 2 □ Partnership 3 □ Corporation 4 □ Other - Suc Specify ▼ At any time during 1 operation of the CEN <sup>078</sup> 1 □ Yes - Provi 2 □ No - Go to	r family operation (so operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requi o section 4	ole proprietor family partne er state law, state, trust, e y other indiv ested below	NSUS PLA ship), exclud ership including far tc. — iduals asso	CE in 13 ding part mily sciated v	relationship of lual to operato <b>US PLACE (</b> <b>US PLACE (</b> <b>US PLACE (</b>	this or of e.g.	Busines this indiv of <b>CENS</b> hired m	s relationship ridual to opera <b>US PLACE (e</b> usine		
2 □ No Which type of organ <sup>077</sup> 1 □ Individual or and corporation 2 □ Partnership 3 □ Corporation 4 □ Other - Suc Specify ▼ At any time during 1 operation of the CEN <sup>078</sup> 1 □ Yes - Provi 2 □ No - Go to	r family operation (so operation, including — incorporated und ch as cooperative, e 987 were there an NSUS PLACE? ide information requi o section 4	ole proprietor family partne er state law, state, trust, e y other indiv ested below	NSUS PLA ship), exclud ership including far tc. — iduals asso	CE in 13 ding part mily sciated v	relationship of lual to operato <b>US PLACE (</b> <b>US PLACE (</b> <b>US PLACE (</b>	this or of e.g.	Busines this indiv of <b>CENS</b> hired m	S relationship o ridual to operative S <b>PLACE</b> (e anager, busines e, partner, oth		

SECTION 4 This section asks about the CROPS that were HARVESTED from your **CENSUS PLACE** in 1987. Please provide information about all crops including those grown under contract. This information is important for this evaluation. If you rent land from others, be sure to include the landlord's share of the harvest. Do not include crops grown on land that is rented to others.

-			a. How ma acres w hervest	ere	b. How muc was harv in 1987?		c. What was the total dollar value of sales in 1987?		
1.	<ul> <li>Hay — all kinds except sorghum hay</li> <li>Include grain hay, grass silage, wild hay, etc.</li> </ul>	None	1987?				Dollars	Cer	
	<ul> <li>If two or more cuttings were made from the</li> </ul>		101		102		103	i i	
	same land, REPORT ACRES ONLY ONCE but report total tons of all cuttings.					Tons, dry	\$	_i o	
2	Com for grain or seed		104		105	Bu.	106 \$	10	
	-		107				108		
э.	Corn for silage, cut for green chop or dry fodder. (Do not include acres already	_					\$	0	
	reported in item 2.)		109		110		111	+	
4.	Soybeans for beans					Bu.	\$		
	Wheel for series		112		113	Bu.	114 \$	1 c	
	Wheat for grain			-				1	
5.	Other small grains for grain — oats, barley, rye, rice, etc. Specify crop name(s):							1	
			115				116	1	
							ŝ		
			117		118	<u>2000,000</u>	119		
7.	Sorghum for grain or seed		120			Bu.	\$		
3.	Sorghum for silage, cut for green chop,		,20				121	1	
	dry forage or hay.	<b>—</b>	1				\$		
	• Do not include acres already reported in item 7		122		123	<u></u>	124	t	
).	Cotton		125		126	Bales	\$		
).	Peanuts for nuts					Lbs.	\$		
	<b>T</b> . h		128	/10	129	Lbs.	130 \$		
	Tobacco – all types		131	1 /10	132		133	+	
2.	Irish potatoes     Exclude home use			/10		Cwt.	\$		
,		L	134	1	135		136	† I	
5.	Sweetpotatoes and yams     Exclude home use			/10		Bu.	\$		
1	Vegetables, sweet corn, or melons for sale	_	137				138	1	
*.	Exclude home use			/10			\$	ļ	
5	Berries for sale			1				ł	
	Exclude home use			1			:	1	
	Specify crop name(s):			1				1	
			139				140	-	
			ļ	/10			\$		
•	I and in boosing and performing fruit			5 				1	
	Land in bearing and nonbearing fruit orchards, citrus or other groves,							i	
	vineyards, and nut trees of all ages		[	i				i	
	<ul> <li>Include land on which the fruit crop failed</li> <li>Do not include abandoned acreages</li> </ul>							Ì	
	Specify crop name(s):							1	
			141	1			142	1 1	
				/10			\$	1	
				1				1	
7.	All other crops			1				1	
	<ul> <li>Include field seeds, sugar crops, dry beans, dry peas, sunflower seeds, etc.</li> </ul>			1				l	
	Specify crop name(s):			1				1	
			143				144	ł	
				/10			\$	i c	
					· ·· ·· ·				
			a. How ma square f	eet	b. How man acres wer	e in 🔡	c. What was total value	a of	
			glass or		the open i 1987?	n	sales in 11	987	
2	Greenhouse or nursery crops - Specify -		protecti 1987?					<b></b>	
	areaning and a margary arabe - about A		145		146		Dollars	Ce	
		_			-			5	
			1			/10		1	

during 1987.	None	a. What was the INVENTORY on your CENSUS PLACE on December 31, 1987?	b. How many were sold in 1987?	c. What wa gross val sales?	
			L	Dollars	Cent
On December 31, 1987, how many CATTLE and CALVES of all ages were on your CENSUS PLACE?		201	202	\$	00
Of these cattle and calves, how many were —		204	205	206	1 1 1
a. Milk cows? (Include dry milk cows and milk helfers that had calved.)				\$	00
b. Other cattle and calves? (include beef cows, helfers, steers, buils, and calves.)		207	208	209 \$ 210	00
. What was the gross value of dairy products sold from on your CENSUS PLACE in 1987?				\$	00
. On December 31, 1987, how many HOGS and PIGS of all ages were on your		211	212	213	1 1 1
CENSUS PLACE?		214	215	\$ 216	00
. On December 31, 1987, were there any POULTRY on your CENSUS PLACE?		217	218	\$ 219	00
Of this poultry, how many were —					1
<ul> <li>a. Hens and pullets of laying age?</li> <li>• Exclude started pullets being raised for sale .</li> </ul>		220	221	\$	00
b. Pullets 3 months old or older not yet of laying age?		223	224	\$	00
c. Broilers, fryers, and other meat-type chickens?     elinclude capons and roasters	П			\$	00
	4				1
<ul> <li>d. Other poultry raised in captivity?</li> <li>Include turkeys, ducks, geese, etc</li> <li>Specify kind Z</li> </ul>		226	227	228	
				\$ 229	00
. What was the gross value of eggs sold from your CENSUS PLACE in 1987?		230	231	\$ 232	00
. On December 31, 1987, were there HORSES and PONIES of any age on your CENSUS PLACE?	_				00
Include boarded horses and ponies     On December 31, 1987, were there any     SUEED and LAMPS of all area on your		233	234	\$	1 1 1
SHEEP and LAMBS of all ages on your CENSUS PLACE?				\$	00
<ul> <li>On December 31, 1987, were there any other livestock or livestock products on your CENSUS PLACE?</li> <li>Include goats, mules, fur-bearing animals, colonies of bees, fish in captivity, honey,</li> </ul>					1 1 1 1 1
goats milk, wool, mohair, etc		236	237	238	
		239	240	\$ 241	00
		242	243	\$ 244	00
CTION 6 PERSON COMPLETING THIS REPOR	T	300	Area code Nu	\$ mber	00

# 1987 Census of Agriculture for Puerto Rico, Report Form 87-A1(PR)

CENS Municipio No.		A1	U.S. DEPARTI	MENT OF CC	MMERCE IE CENSUS	TO THE CE	NSL for s	sponse to this inquiry is required by law (title 13, U.S IS BUREAU IS CONFIDENTIAL. It may be seen only tatistical purposes. Your report CANNOT be used for	. Code). By the sam	mployees and may
Municipio No.	SUS OF AG	RICULI		1987						
Municipio No.	A. Report F	orm Identificat	tion						87-A1(	PR)
· · · · · · · · · · · · · · · · · · ·	ED No.	Census use only	Farm serial	number	Census use only		I			t
Municipio		0 0 Barrio								
	B. Operator's Nam	ne and Mailing	Address							
Name	Middle nan		Surnames							
P.O. Box, R.F.D. and	d box number, num	ber and street								
Barrio (if needed)										
City or town			ZIF	° Code						
035 03		n <b>sus use only</b> 7	038	039				(Place encoderation in parts address	d 7/8 Code 1	
Section 1 C	UERDAS IN T	HE LAST	12 MONT	HS				(Please correct errors in name, address, a Section 3 SUGARCANE	iu LIF CODE.)	
	ng part of a cuerd				r		[			10
"centésimos, Centésimos (	" never in fractic Cent.) 05,10,25,	ns or decima 75,95.	als. Example	: No	ne Cue 049	erdas Ce	nt.	<ol> <li>Was any SUGARCANE grown on this plac</li> <li>Yes - Complete this section</li> </ol>		·
1. All land own	ned			E	]	!		$\square \text{ No} - Go \text{ to section 4}$	Cuerdas harveste (1)	d Tons harveste (2)
managed in "it	If operator is a sala tem 1 — All land o	wned'' and ei	r, enter all lan nter this figur	d e in	050			Non		nt. Tons 076
2. Land rented	al cuerdas in this p			ſ	ן ר			a.Fail cane	075	078
				•••••	051	i	┨	b.Spring cane	077	078
3. Land rented cuerdas work	<pre>(or leased) to c ked by sharecro</pre>	others (Do r ppers and '	not include ''agregados.	E		1		c.Ratoon cane	079	
4. TOTAL CUE	RDAS IN THIS	PLACE -		<b>&gt;</b>	052	1	٦	d.Sojourn cane for seed	081	
(item 2) then su	Add land owned (i ubtract land rente ere. For managed i	d to others (it	em 3) and en	ter	L	1 1		e. Sojourn cane cut for feed 🗍		
5. Land rented	-	-			each of t	he landlord	s.)	f. TOTAL CANE (Add the figures entered in items ''a'' through ''e'' and	085	086
Nam	ne		Address		Cue	rdas Ce	nt.	enter the total in this space.)		
					054			Section 4 COFFEE, TOBACCO, OR PINE/ 1. Did you harvest any COFFEE, TOBACCO, C place in the last 12 months?		from this
					055	i i		Yes - Complete this section	·	, 
						I I		$\Box$ No – Go to section 5	Cuerdas harveste (1)	d Amount harves (2)
6. Land rented	to others. (Give	e the follow	ing informa	tion for ea	ch of the i	tenants.)		None	Cuerdas Ce	nt. 093
Nam	ie		Address		Cue	rdas Ce	nt.	a . Coffee grown in the shade 🗌	i	l u
	-			_				b.Coffee grown in the open 🗌	094	095 Ll
					057	I	1	с.Товассо	096	097 Lt
					058	i	-1	d. Pineapples	098	099 Te
					<u> </u>	I		Section 5 GRAINS AND FARINACEOUS	CROPS	
7. Land manag your employe	er.) ,			following i	nformatio	n concernii	ng	1. Were any of the FOLLOWING CROPS harvested from this	Cuerdas harveste	d Amount harvest
			Address		Cue 059	rdas Ce	nt.	place in the last 12 months? None	Cuerdas Ce	nt. Pounds
Nam						1		a. Pigeon peas	105	106
	CATION OF			ND OPEI	RATED		٦	b. Dry beans	107	108
Section 2								c. Green beans	109	110
Section 2 LO BY	Y YOU IN THE		loost-d	□ »-	Cometer	able court				
Section 2 LO BY 1. Are all of yo in the munic	Y YOU IN THE			🗌 No – 🗌 Yes –			n	d. Corn	111	112
Section 2 LO BY 1. Are all of you in the munic above?	YYOU IN THE sur agricultural sipio and barrio	shown in i	tem A	🗌 Yes –	Go to se	ction 3	n 	d. Corn	113	114
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac	Y YOU IN THE our agricultural sipio and barrio nd cuerdas for prir dditional barrios ar	shown in i	nd municipio	Yes –	Go to see	ction 3	n 		113	114
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac	Y YOU IN THE our agricultural pio and barrio	shown in i	nd municipio in spaces pro	On the first	Go to see	ction 3 names and ontinue in	-	e. Dasheens	113 115 117	114 116 118
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac ''Remarks'' or	Y YOU IN THE bur agricultural cipio and barrio nd cuerdas for prin dditional barrios ar n the last page.	shown in i	nd municipio	On the first	Go to see	ction 3	-	e. Dasheens	113 115 117 119	114 116 118 120
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac "Remarks" or Principal barrio and municipio	Y YOU IN THE bur agricultural cipio and barrio nd cuerdas for prin dditional barrios ar n the last page.	shown in i	nd municipio in spaces pro	On the first	Go to see	ction 3 names and ontinue in	-	e. Dasheens	113 115 117 119 121	114 116 118 120 122
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac "Remarks" ou Principal barrio and municipio Other barrios and	Y YOU IN THE bur agricultural cipio and barrio nd cuerdas for prin dditional barrios ar n the last page.	shown in i	nd municipio in spaces pro	On the first	Go to see	ction 3 names and ontinue in	-	e. Dasheens	113 115 117 119 121 123	114 116 118 120 122 124
Section 2 LO BY 1. Are all of you in the munic above? Write name ar cuerdas for ac "Remarks" or Principal barrio and municipio Other	Y YOU IN THE bur agricultural cipio and barrio nd cuerdas for prin dditional barrios ar n the last page.	shown in i	nd municipio in spaces pro	On the first	Go to see	ction 3 names and ontinue in	-	e. Dasheens	113 115 117 119 121	114 116 118 120 122

## Form 87-A1(PR)

Yes - Complete this	eant:	20				or LAWN GRASS for sale on this place in the last 12 months? Area used in the last 12 months		
$\square$ No – Go to section 7		<i></i>	То			Yes - Complete this section	Value of sal (Dollars on	
How many cuerdas in bea			Cuerdas			$\square$ No – Go to section 10 under shade (1)	(3)	иу)
and nonbearing fruit trees	s or		134	-		None 222 223		<u> </u>
coconut palms are on this	plac					a. Lawn grass (sod)		1 (
Which of these fruits are	TF	NUMB REES OR PL	ER OF			b. Ornamental plants ()		1 (
now planted or were harvested in the last 12		nbearing	Bearing	An	nount vested	c. Flowering plants (except orchids)		1
months? None		age (1)	age (2)		(3)	d. Orchid plants	: 1	1
	135	117	136	137		e. Cut flowers (except orchids)	;	1
a. Coconuts	138		139	140	No.	236 237 238		-
b. Grapefruits	141		142	143	No.	f. Orchid flowers		; ,
c. Oranges 🗌					No.	1. Were any OTHER CROPS or agricultural products grown on this place in the la	st 12 mon	1th
d. Avocados 🔲	144		145	146	No.	Yes - Complete this section		
e. Chironjas	147		148	149	No.	No - Go to section 11	uerdas harve Cuerdas	C
f. Plantains	150		151	152		244		+
	153		154	165	Hds.			i
g, Bananas 🗍	156		157	158	Hds.		1	i
h. Citron	1				Lb.	c. I ree seedlings (corree, orange, plantains, etc.)		i.
i. Mangoes 📖 🗌	159		160	161	No.			ł
j. Papayas 🗌	162		163	164	Lb.	Section 11 LAND USED IN THE LAST 12 MONTHS		
k. Passion fruit	165		166	167	No.	The purpose of this section is to distribute all land on this place among items 2 through 4 below according to the way it was used in	Cuerdas	6
	168		169	170		the last 12 months.		C
1. Lemons and limes	171		172	173	Lb.	1. "TOTAL CUERDAS IN THIS PLACE" from section 1, item 4, on page 1-	1	L
n. Other fruits – Specify						<b>NOTE:</b> If the same land was used for two or more purposes, report that land only once — in the first item that applies.		
·····¥					No.	2. CULTIVATED CROPLAND (Include land harvested, land on		
					NO.	which crops failed, land under cultivation whether harvested or None of None	Cuerdas	¦c
ction 7 VEGETABLES	i							1
<b>D</b> <sup>1</sup> 3						251		÷ .
Did you cultivate for sale a	any V		BLES in th	e last 12 m	onths?	a. Used for crops or suitable for cultivation		i !
Yes – Complete this	<b>any V</b> s sect		BLES in th	e last 12 m	onths?	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252		
Yes – Complete this	<b>any V</b> s sect	tion Cuerdas	harvested	Value of		a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252		
Yes - Complete this No - Go to section & Which of the following vegetables did you harves	eny V s sect 8 st	tion Cuerdas for	<u></u>	1	sales	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       253	2 	
Yes - Complete this No - Go to section & Which of the following vegetables did you harves from this place for sale in	eny V s sect 8 st	tion Cuerdas for	harvested sale 1)	Value of (2) Dollars	sales	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       254		
Yes - Complete this No - Go to section & Which of the following vegetables did you harves from this place for sale in last 12 months?	any V s sect 8 t the	tion Cuerdas for	harvested sale 1)	Value of	sales	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255		
Yes - Complete this No - Go to section & Which of the following vegetables did you harves from this place for sale in lest 12 months?	any V s sect 8 the None	tion Cuerdas for ( Cuerdas	harvested sale 1)	Value of (2) Dollars 177 \$ 179	sales	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES —       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         4. OTHER LANDS —       256         a. Woodland, forests, and underbrush that cannot be       256		
Yes - Complete this No - Go to section & Which of the following regetables did you harves from this place for sale in ast 12 months?	any V s sect 8 tt the None	tion Cuerdas for ( Cuerda: 176	harvested sale 1)	Value of (2) Dollars 177 \$ 179 \$ 181	sales s only 00 00	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         4. OTHER LANDS –       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256		
Yes - Complete this No - Go to section & Which of the following vegetables did you harves from this place for sale in last 12 months?	any V s sect 8 the None	tion Cuerdas for ( Cuerdat 176 178	harvested sale 1)	Value of (2) Dollars 177 \$ 179 \$ 181 \$ 183	sales only 00 00 00	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES —       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         4. OTHER LANDS —       256         a. Woodland, forests, and underbrush that cannot be       256		
Yes - Complete this No - Go to section & Which of the following vegetables did you harves from this place for sale in last 12 months? a. Tomatoes b. Cucumbers c. String beans	any V s sect 8 the None	tion Cuerdas for ( Cuerdas 176 178 180 182	harvested sale 1)	Value of (2) Dollars 177 \$ 179 \$ 181 \$ 183 \$	sales s only 00 00	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         4. OTHER LANDS –       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS – Add the cuerdas reported in items 2 through       2		
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Yes - Complete this No - Go to section & Which of the following regetables did you harves orm this place for sale in ast 12 months? Tomatoes Cucumbers Science String beans Lettuce Peppers Cabbage Science Sci Science Science Science Science Science Sci Sci Science Scienc	any V s sect 8 the None	tion Cuerdas for ( Cuerdas 176 180 182 184 186 188 190 192	harvested sale 1)	Value of (2) Dollars \$ 177 \$ 181 \$ 183 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 195 \$ 191 \$	sales 3 anly 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         c. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       258         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month         Yes - Complete this section       None       264         <	::::::::::::::::::::::::::::::::::::::	
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Yes - Complete this No - Go to section & Which of the following regetables did you harves from this place for sale in ast 12 months? a. Tomatoes b. Cucumbers c. String beans d. Lettuce c. String beans d. Lettuce c. String beans f. Cabbage g. Eggplant h. Pumpkins i. Sweet cooking peppers j. Other vegetables j. Other vegetables stion & CULTIVATED Did you have any CULTIV/ MPROVED PASTURE on he last 12 months? Yes - Complete this s No - Go to section 9 a. Paragrass	And V s s sections of the section of	tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 V/OR IMI D AND/O place in graz g Cuerd	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 187 \$ 187 \$ 188 \$ 187 \$ 195 \$ 191 \$ <b>PASTURE</b> Cuerd for rou (2 t. Cuerdas	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         d. OTHER LANDS -       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS -       Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month No - Go to section 13       None 224         2. Cuerdas irrigated from a PUBLIC SYSTEM       2265         4. Major source of water used for irrigation 266 1 Well or cistern 4 Canal or irrigation district 2 River or stream 5 Other - Specify 3 Lake or private pond       265         5. Tot 13       HOGS       1. Do you or anyone else have any HOGS or PIGS on this place, or were any sold in the last 12 months?	:58 Cuerdas	
Yes       Complete this         No       Go to section 8         Which of the following regetables did you harves       Form this place for sale in a st 12 months?         a. Tomatoes       Form this place for sale in a st 12 months?         a. Tomatoes       Form this place for sale in a st 12 months?         b. Cucumbers       Form this place for sale in a st 12 months?         b. Cucumbers       Form this place for sale in a st 12 months?         c. String beans       Form the second se	And V S sectors	tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 <b>D/OR IMI</b> <b>DAND/OI</b> <b>place in</b> Cuerdas 194 <b>D/OR IMI</b>	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 187 \$ 185 \$ 191 \$ 193 \$ PASTURE Cuerd for roc. (2 t. Cuerdas 199	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         c. Pastures overgrown with brush       256         4. OTHER LANDS -       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month No - Go to section 13       None 264         2. Cuerdas irrigated from a PUBLIC SYSTEM       265         4. Major source of water used for irrigation 266 1       Well or cistern 4       Canal or irrigation district 2         2. River or stream 5       Other - Specify 3       Lake or private pond         Section 13       HOGS       1. Do you or anyone else have any HOGS or PIGS on this place, or were any sold in the last 12 months?	258	
Yes - Complete this         No - Go to section 8         Which of the following         vegetables did you harves         rom this place for sale in 1         last 12 months?         a. Tomatoes         b. Cucumbers         c. String beans         d. Lettuce         e. Peppers         f. Cabbage         g. Eggplant         h. Pumpkins         i. Sweet cooking peppers         j. Other vegetables         ction 8         CULTIVATED J         Did you have any CULTIVJ         MPROVED PASTURE on the last 12 months?         Yes - Complete this s         No - Go to section 9         a. Paragrass         b. Guinea grass         c. Merker grass	Any V s sections sections AND AND AND Sections	tion Cuerdas for ( Cuerda: 176 178 180 182 184 186 188 190 192 194 <b>DOR IMI</b> <b>DAND/O</b> <b>Place in</b> (graz e Cuerd 198 200	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 185 \$ 193 \$ 193 \$ 193 \$ PASTURE Cuerd for rou. (2 t. Cuerdas 199 201	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         d. OTHER LANDS -       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         c. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month 9 and enter the section       264         Wes - Complete this section       2265         3. Cuerdas irrigated from a PUBLIC SYSTEM       2265         4. Major source of water used for irrigation       2265         2. River or stream 5       0 ther - Specify 3         3. Lake or private pond       2265         1. Do you or anyone else have any HOGS or PIGS on this place, or were any sold in the last 12 months?         Wesplac, or were any sold in the last 12 months?	258	in
Yes - Complete this No - Go to section & Which of the following regetables did you harves from this place for sale in ast 12 months? a. Tomatoes b. Cucumbers c. String beans d. Lettuce a. Peppers f. Cabbage g. Eggplent h. Pumpkins i. Sweet cooking peppers j. Other vegetables cition 8 CULTIVATED Did you have any CULTIV/ MPROVED PASTURE on he last 12 months? Yes - Complete this s No - Go to section 9 a. Paragrass c. Merker grass	Any V s sections sections AND AND AND Sections	tion Cuerdas for ( Cuerdas 176 180 182 184 186 188 190 192 194 VOR IMI D AND/O place in Cuerd 198 200 202 204	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars \$ 177 \$ 181 \$ 183 \$ 185 \$ 185 \$ 185 \$ 185 \$ 187 \$ 189 \$ 191 \$ 191 \$ <b>PASTURE</b> Cuerd for ro. (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         b. Cropland that lie at rest (applied to land which lie fallow)       253         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         d. OTHER LANDS -       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       258         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month 2 we - Complete this section 2 kee 1 we were any sold for irrigation       265         2	258 Cuerdas	in
Yes       Complete this         No       Go to section 6         Which of the following regetables did you harvess rom this place for sale in a st 12 months?       A.         a. Tomatoes       A.         b. Cucumbers       A.         c. String beans       A.         d. Lettuce       A.         a. Tomatoes       A.         b. Cucumbers       A.         c. String beans       A.         d. Lettuce       A.         a. Peppers       A.         f. Cabbage       A.         g. Eggplant       A.         h. Pumpkins       A.         j. Other vegetables       A.         ction 8       CULTIVATED         Did you have any CULTIV/       MPROVED PASTURE on he last 12 months?         Did yes - Complete this s       D.         No - Go to section 9       A.         a. Paragrass       A.         b. Guinea grass       A.         d. Pangola grass       A.	Any V s sections at the None AND ATEC this section	tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 <b>D/OR IMI</b> <b>DAND/OI</b> <b>place in</b> Cuerd 198 200 202 204 206	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 187 \$ 187 \$ 187 \$ 195 \$ 191 \$ 195 \$ <b>PASTURE</b> Cuerd for rot. (2 t. Cuerdas 199 201 203 205 207	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         c. Pastures overgrown with brush       256         4. OTHER LANDS -       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month 9 and enter the section 13       None 226         2. Cuerdas irrigated from a PUBLIC SYSTEM       2265         4. Major source of water used for irrigation 266 1 Well or cistern 4 Canal or irrigation district 2 River or stream 5 Other - Specify 3 Lake or private pond       265         5. Too you or anyone else have any HOGS or PIGS on this place, or were any sold in the last 12 months?       9 Yes - Complete this section 14         Wumber on this place Ni July 1, 1988       (11) 272	258 Cuerdas	in
Yes - Complete this         No - Go to section 6         Which of the following vegetables did you harvess room this place for sale in a st 12 months?         a. Tomatoes         b. Cucumbers         c. String beans         d. Lettuce         e. Peppers         f. Cabbage         g. Eggplant         h. Pumpkins         i. Sweet cooking peppers         j. Other vegetables         2tion 8         CULTIVATED ASTURE on he last 12 months?         Yes - Complete this s         No - Go to section 9         a. Paragrass         c. Merker grass         d. Pangola grass	Any V s sections sections AND ATEL None	tion Cuerdas for ( Cuerdas 176 180 182 184 186 188 190 192 194 VOR IMI D AND/O place in Cuerd 198 200 202 204	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars \$ 177 \$ 181 \$ 183 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 185 \$ 191 \$ 191 \$ <b>PASTURE</b> Cuerd for ro. (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       255         c. Pastures overgrown with brush       255         c. Pastures overgrown with brush       256         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         c. TOTAL CUERDAS – Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigated from a PUBLIC SYSTEM       264         (wells, rivers, brooks, etc.)	258 Cuerdas	in
Yes - Complete this         No - Go to section 8         Which of the following vegetables did you harves         rom this place for sale in it ast 12 months?         a. Tomatoes         b. Cucumbers         c. String beans         d. Lettuce         e. Peppers         f. Cabbage         g. Eggplant         h. Pumpkins         i. Sweet cooking peppers         j. Other vegetables         stion 8         CULTIVATED /         Did you have any CULTIVATED of the last 12 months?         Yes - Complete this s         Did you have any CULTIVATED of the last 12 months?         Stion 8       CULTIVATED of the last 12 months?         G Yes - Complete this s         Did you have any CULTIVATED of the last 12 months?         G Yes - Complete this s         Did you have any GULTIVATED of the last 12 months?         B No - Go to section 9         a. Paragrass         c. Merker grass         d. Pangola grass         a. Molasses grass         f. Milo (sorghum)	AND	tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 <b>D/OR IMI</b> <b>DAND/OI</b> <b>place in</b> Cuerd 198 200 202 204 206	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 187 \$ 187 \$ 187 \$ 195 \$ 195 \$ <b>PASTURE</b> Cuerd for rot. (2 t. Cuerdas 199 201 203 205 207	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       256         c. Pastures overgrown with brush       255         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         c. TOTAL CUERDAS – Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 months       264         Cuerdas irrigated from a PRIVATE SYSTEM       265       264       265         cuerdas irrigated from a PRIVATE SYSTEM       265       264       265         Major source of water used for irr	Lumber sold last 12 mor (2) 73	in
Yes - Complete this         No - Go to section 8         Which of the following regetables did you harves         regetables did you harves         ast 12 months?         a. Tomatoes         b. Cucumbers         c. String beans         d. Lettuce         a. Tomatoes         f. Cabbage         g. Eggplant         h. Pumpkins         i. Sweet cooking peppers         stion 8         CULTIVATED /         Did you have any CULTIVATED of he last 12 months?         Yes - Complete this s         Did you have any CULTIVATED of he last 12 months?         Yes - Complete this s         Did you have any CULTIVATED of he last 12 months?         Stion 8         Cultary and the last 12 months?         Star - Complete this s         Did you have a grass         S. Molasses grass         A. Paragola grass         B. Molasses grass         F. Milo (sorghum)	AND	tion Cuerdas for ( Cuerda: 176 178 180 182 184 188 180 192 194 <b>D/OR IMI</b> <b>D/OR IMI</b> <b>D/OR IMI</b> <b>D/OR IMI</b> <b>D/OR IMI</b> 198 200 202 204 206 208	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 187 \$ 195 \$ 193 \$ 193 \$ 195 \$ <b>PASTURE</b> Cuerd for ro. (2 t. Cuerdas 199 201 203 205 207 209	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES –       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       256         c. Pastures overgrown with brush       255         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       256         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         c. TOTAL CUERDAS –       Add the cuerdas reported in items 2 through 4 and enter the total in this space. Total should be the same as item 1 above.       257         Section 12       IRRIGATION       1. Did you irrigate any land on this place at any time during the last 12 month       264         Yes – Complete this section       264       265         Scuerdas irrigated from a PRIVATE SYSTEM       265         d. Major source of water used for irrigation       266       1         266       Well or cistern       4       Canal or irrigation district         2       River or stream       5       Other – Specify         3       Lake or private pond       272         2       River or stream       0       11	Lumber sold last 12 mor (2) 73	in
Yes - Complete this         No - Go to section 8         Which of the following         vegetables did you harves         from this place for sale in 1         last 12 months?         a. Tomatoes         b. Cucumbers         c. String beans         d. Lettuce         e. Peppers         f. Cabbage         g. Eggplant         h. Pumpkins         i. Sweet cooking pepers         j. Other vegetables         ction 8       CULTIVATED /         Did you have any CULTIV/         IMPROVED PASTURE on the last 12 months?         Yes - Complete this s	any V           s section           Image: section           ANDD           ANDD           ANDD           ANDD           Image: section           Image: section <tr< td=""><td>tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 <b>XOR IMI</b> <b>DAND/O</b> <b>Place in</b> (graz 200 202 204 206 208 210</td><td>harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 195 \$ <b>PASTURE</b> 201 205 207 209 211</td><td>sales s only 00 00 00 00 00 00 00 00 00 0</td><td>a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       254         c. Pastures overgrown with brush       255         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       255         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total 2 through 4 and enter the total in itis space. Total 3 though 4 and enter the total in itis space. Total 3 though 4 and enter the total in itims space. Total 3 though 4 and enter the total in itins space. Total 3 though 4 and enter the total in itims 2.1       2         1. Did you irrigate any land on this place at any time during the last 12 months       2         2. Cuerdas irrigated from a PRIVATE SYSTEM       2         2. Cuerdas irrigated from a PRIVATE SYSTEM       2</td><td>Lumber sold last 12 mor (2) 73</td><td>in</td></tr<>	tion Cuerdas for ( Cuerdas 176 178 180 182 184 186 188 190 192 194 <b>XOR IMI</b> <b>DAND/O</b> <b>Place in</b> (graz 200 202 204 206 208 210	harvested sale 1) s Cent. 1 1 1 1 1 1 1 1 1 1 1 1 1	Value of (2) Dollars 177 \$ 181 \$ 183 \$ 185 \$ 195 \$ <b>PASTURE</b> 201 205 207 209 211	sales s only 00 00 00 00 00 00 00 00 00 0	a. Used for crops or suitable for cultivation       251         b. Cropland that lie at rest (applied to land which lie fallow)       252         3. LAND IN PASTURES -       253         a. Cultivated and/or improved pastures       254         b. Natural pastures       254         c. Pastures overgrown with brush       255         a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures       255         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         b. Lakes, ponds, buildings, roads, fences, or wasteland       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total should be the same as item 1 above.       257         5. TOTAL CUERDAS - Add the cuerdas reported in items 2 through 4 and enter the total in itis space. Total 2 through 4 and enter the total in itis space. Total 3 though 4 and enter the total in itis space. Total 3 though 4 and enter the total in itims space. Total 3 though 4 and enter the total in itins space. Total 3 though 4 and enter the total in itims 2.1       2         1. Did you irrigate any land on this place at any time during the last 12 months       2         2. Cuerdas irrigated from a PRIVATE SYSTEM       2         2. Cuerdas irrigated from a PRIVATE SYSTEM       2	Lumber sold last 12 mor (2) 73	in

## Form 87-A1(PR)

Se	ection 14 CATTLE				Section 18 SALES			
1.	Do you or anyone else have any CATTL		this place, or we	re any	What was the total market sold from this place in the	value of agricultural products ast 12 months, before taxes		
	sold from this place in the last 12 mont	ths?	Number on this	place July 1, 1988	and expenses?		Dollars only 347	1
	Yes — Complete this section		Dairy cattle	Beef and other cattle	e		\$	1 00
		None	(1)	(2)	<b>2. Tobacco</b>		\$	00
2.	Cattle and caives of all ages: (If "None," mark (X) and go to item 3.)				3. Coffee			00
	a. Cows		289	290	4. Pineapples		350 \$	00
			291	292		rops (Do not include plantains	351	1
	b. Heifers 6 months of age and older c. Heifer calves less than 6 months		293	294	-	Ided in item 6.)	\$ 352	00
	of age				<ol> <li>Fruits – coconuts, oranges, papayas, citrons, avocados,</li> </ol>	West Indies cherries, etc.	\$	00
	d. Bull calves less than 6 months of age		295	296		icts - broilers, other chickens,	353	
	e. Steers and buils		297	298	eggs, turkeys, etc		\$	00
	INTERVIEWER: The sum of questions "2a" throu	uah ''2	e'' should be the same	as item 2 above.	8. Dairy products — milk, ch milk here, it should be inclu	eese, etc. (Do not include goat ded in item 12.)	\$	00
	•	•	None		9. Cattle and calves		355 \$	00
3.	Quarts of milk sold in the last 12 mont	ths .		sold			356 . \$	00
4.	Cattle sold from this place in the				11. Sheep and goats		357	00
	last 12 months (Include those fed by contract and taken from this place in		Dairy cattle sold	Beef and other	12. Other livestock and livest		\$ 358	1 00
	the last 12 months.)	None	300	cattle sold	mules, bees, honey, goat m			ł
	a. Bull calves and heifer calves					P	\$	00
L	b. All other cattle, except calves		302	303	13. Any other agricultural prod	i <b>ucts sold</b> — watermelons, lings (coffee, orange, plantains,	369	1
Se	ction 15 OTHER LIVESTOCK				etc.), wood, hay, forage, sila	ge, molasses, etc. – Specify		1
1.	Do you or anyone else have any HORSE					× .	\$	00
	LIVESTOCK on this place, or were any ages and sexes.)	201Q	in the last 12 mol	unst (include all	Section 19 OTHER FARM	-RELATED INCOME	<u> </u>	
	Section Yes — Complete this section					e in the last 12 months from	,	
	□ No − Go to section 16	Code	Number on this place July 1, 1988	Number sold in the last 12 months	-		Dollars only 385	<u> </u>
2.	Specify,		(1)	(2)	<ol> <li>Custom farmwork done for or spraying, harvesting, preparation</li> </ol>	thers, such as: plowing, planting, on of products for market, etc	\$	00
	×				2. Recreational services, such	as: providing hunting, fishing,	386	<u>†</u>
				1	picnicking, camping, boarding recreational facilities on this	g and lodging, or other place	\$	1 00
				1	3. For renting out farmland ()		387	100
	LIST OF EN	ITRIE	\$	1	<ul> <li>pastured on a per-head basis,</li> </ul>	monthly payments, or through	Ś	1 00
	Name Code		Name	Code	4. For participation in Govern		388	00
			of bees		only payments received from	the Federal or Puerto Rican		00
	Sheep of both sexes	Rabbi	ts — Specify	316	Section 20 FARM OPERA		\$	00
			¥	318		o the person who operates th	is form	
Se	ction 16 POULTRY				1. In what year did you start		<b>13</b> 14116.	
1.	Do you or anyone else have any CHICK	EN H	ENS, PULLETS,		operating this land?	Year		
	ROOSTERS, BROILERS, or other poult sold from this place in the last 12 mont		this place or wer	e any	2. Do you (the	<sup>395</sup> 1 🗍 On this place?	4 🔲 In a city or to	own?
	Yes – Complete this section			Total sold in the last 12 months	operator) live –	2 🛄 On another farm?	5 Outside of Puerto Rico	7
	$\square$ Yes — Complete this section $\square$ No — Go to section 17		Number on	(Include poultry fed on a contract	. F	3 In a rural area but not on a farm?		1
			this place July 1, 1988	basis and taken from this place in	3. How old are you (the	396 Years old		
	How many -		}	the last 12 months.)	4. Highest grade or year of		Elementary s	chool
	a. Layers (Do not include started pullets raised for sale.) -	None	(1)	(2)	school completed?	0 1 2 3 4 5	6	1001
	(1) Less than 1 year old?		320	321	Mark (X) one box		Secondary so	chool
	(2) 1 year old or older?		322	323		7 8 9 10 11 12	College or Unit	ivoreitu
	b. Started pullets? (Include those	_	324	325	5. How many days did the	13 14 15 16 17 and (		iversity
	raised for sale only.)				operator (or the person	309	7	
	c. Fighting cocks?		326	327	in charge) WORK OFF this place at least 4		」75—99 ]100—149	
	d. Other roosters?		328	329	hours per day in the last 12 months? (Include work		150-149	
	e. Broilers?		330	331	at a nonfarm job,		200 days or mor	re
	f. Other fowl? (Turkeys, pigeons,		332	333	business, or someone else's farm. Do not include			
	guineas, etc.)				exchange farmwork.)			
	g. Chicken eggs?			335 Dozens	6. What did the largest part	399 1 The sale of agricultura	i products (crops,	
	ction 17 TYPE OF FARM ORGANIZ		ON		of your (the operator's) total income come from	livestock, poultry, mill	(, etc.)	
	Which of the following best describes t	the ty	pe of your farm o	rganization?	in the last 12 months?	2 Other farm-related inc 3 Nonfarm-related incor		
	INDIVIDUAL OR FAMILY FARM	י ז [.	]	-	7. What percent of your		_	
	PARTNERSHIP	, [	]		(the operator's) gross income received in the		50% to 74%	
	· MARINEROPHIC		له.		last 12 months came	2 🗌 25% to 49% 4	75% or more 75%	
			1					
		з 🗆	]		from farming?	401 E		
	CORPORATION	з 🗆	] Estate, cooperative,	other type — Specify	from farming? 8. What is your (the	401 1 Agricultural	a cifu	
		з 🗆	] Estate, cooperative,	other type — Specify	from farming?	401 1 Agricultural 2 Nonagricultural – Spe	ecify	

# Form 87-A1(PR)

These questions			_	Section 24 MACHINERY, EQUIPMENT, BUILDINGS, AND
are to be filled by CENSUS b. Are cuerdas in section 1, item				FACILITIES ON THIS PLACE JULY 1, 1988
ENUMERATOR.				<ol> <li>How many of the following were on this place July 1, 1988? (Include all machinery, equipment, and facilities on this place, regardless of ownership,</li> </ol>
Section 21 PRODUCTS FOR HOME CONSU				provided it was in working order.)
Include all animals, products, and crops consumed	0	, .		a. Selected Machinery and Equipment None Number
Did you consume or give away any of the fol	None	-	k?	(1) Automobiles, jeeps, pick-up and motor trucks
1. How many —		402		(2) Rubber- tired wheel tractors
a. Quarts of milk?	L	403	Quarts	(3) Crawler tractors
b. Chicken eggs?	🗆 [		Dozens	435
				(4) Carts (oxen or tractor drawn)
2. Livestock or poultry slaughtered or given aw		404		(5) Coffee depulpers
a. Cattle and calves?		405	Number	(6) Mechanical coffee dryers
b. Hogs and pigs?			Number	(7) Solar or air coffee dryers
c. Chickens, turkeys, pigeons, guineas, or others?		406	Number	(8) Mechanical coffee washers
guileas, or otherst		407	NULLOEI	(9) Milking machines
d. Sheep?		408	Number	(10) Milk coolers
e. Goats?			Number	(11) Emergency electric power plants
		409		b. Selected Buildings and Facilities
f. Rabbits?			Number	(1) Storage buildings for crops
2 0	-			(2) Buildings for machinery
3. Crops — a. Coffee?		410	Lb.	(3) Houses for agregados and other workers
		411		
b. Plantains?		412	Hds.	Estimated market value of ALL machinery (Dollars only)
c. Bananas?			Hds.	and equipment usually kept on this place and used for 446
Section 22 INSECTICIDES, HERBICIDES, F		ES, OTHER	-	the farm business? (Include cars, trucks, tractors, plows, disks, harrows, dryers, pumps, motors, irrigation equipment,
PESTICIDES, LIME, AND OTHE Include the materials bought by you, the landlord,			nlied	dairy equipment including milkers and milk coolers, livestock feeders, grinding and mixing equipment, etc.)
by contract. For each item listed, report the cuerda			prica	Section 25 HIRED WORKERS, AGREGADOS, AND SHARECROPPERS
Did you use any of these chemical	Tons used	Cuerdas which us		1. In the last 12 months, did you hire any workers to do farmwork on this place (do not include employees of labor contractors who did work for you), or was any
products on this place in the last 12 months?	1	(2)	1	agregado family or sharecropper living on this place July 1, 1988?
<b>1. Lime</b> (Do not include gypsum or lime used for	(1)	Cuerdas 414	Cent.	Yes – Complete this section
sanitation.)	L	415	i 	No – Go to section 26 None Number
<ol> <li>Chemical products used for spraying, dusting, etc. (in the form of powder, liquid, or gas), to c</li> </ol>	, fumigants, ontrol —	415	1	2. Of the hired workers, a. 5 months or more?
a. Insects on crops, cultivated and improve			1	how many worked on 453
b. Diseases in crops and orchards (blights, sm	uts, rusts, el			this place — b. Less than 5 months?
c. Weeds or grass in crops and pastures		417		3. How many agregado or sharecropper families were
Section 23 EXPENSES				living on this place July 1, 1988?
Include your estimate of expenses paid by you as v contractors, buyers, etc.) for crops, livestock, or li produced on this place.				REMARKS — Make any remarks you feel are necessary concerning this farm; the own or manager; the crops, output per cuerda, size of farm; name and address of the owner if the land is managed or leased; etc.
How much did you spend in the last 12 mon for the following?	ths [	Dollars only		
1. Livestock and poultry purchased — cattle, calves, I	hogs, pigs,	18	1	
sheep, lambs, goats, horses, baby chicks, started pull	- H	5 119	00	
<ol> <li>Feed purchased for livestock and poultry — hay, silage, mixed feeds, concentrates, etc.</li> </ol>	grain,	\$	00	
3. Medicines and drugs purchased for livestock and		20	00	
4. Seeds, bulbs, plants, and trees purchased		121	00	
5. Commercial fertilizers		22	00	
6. Gasoline and other fuel and oil products purchase	d for the	23	1	
farm business — diesel oil, LP gas, butane, propane, kerosene, fuel oil, motor oil, grease, etc. (Do not inclui items used in the family home or automobile.)	de costs for		00	
7. Wages and salaries paid to employees or hired far	m workers	24		
(Include money paid in cash for farm labor including pa family members and for Social Security taxes. Do not	ayments to		1	
housework or contract work.)	· · · · · · · · · ·		00	
8. Contract labor (Include expenditures primarily for	r farm labor	25		· · · · · · · · · · · · · · · · · · ·
performed on a contract basis by a contractor, corp or cooperative, etc.)	poration,	\$	00	Section 26 PERSON COMPLETING THIS FORM – Please print
9. Machine hire and customwork such as plowing,	4	26	1	Name Date
harvesting, silo filling, spraying and dusting chemic products, etc.	cal		00	460 Area code 461 Number
10. Agricultural chemicals-purchased	4	27	00	Telephone
FORM 87 A 1(PR) (10 15 86)		,		

# 1987 Census of Agriculture for Guam, Report Form 87-A1(G)

FORM 87-A1(G) U.S. DEPAR	TMENT OF COMMERCE	NOTICE -	- Response to this i		0607-0580: EXPIRES 09/8
(6-20-87)	BUREAU OF THE CENSUS	U.S. Code) BUREAU IS	. By the same law CONFIDENTIAL. It	YOUR REPORT T may be seen only b	O THE CENSUS
		report CAN	and may be used INOT be used for p		
1987 CENSUS OF AGRICULTU	IRE	or regulatio			
GUAM		1	column (6)		
SECTION 1 OPERATOR	Full name (First na			·····	······································
1. What is your (the operator's) name?		ime, miadie ini	tial, last name)		
2. What is your (the operator's) mailing address?	Complete mailing	address			
(Give address where correspondence is received.)					
SECTION 2 LAND IN AGRICULTURE					
				None Acres	
1. How many acres do you own?				042	/10
2. How many acres do you rent from others?				043	/10
3. For how many acres do you have a government land permit?				044	/10
4. How many acres do you occupy without a land permit?				045	/10
5. How many acres are furnished to you, in connection with you		• -		046	/10
6. How many acres do you rent to others? (Do not include land u		•	-	047	/10
7. TOTAL ACRES IN THIS PLACE (ADD the entries in items 1, 2, 3, 4, an	d 5, then SUBTRA	CT the entry	in item 6.) ——		/10
8. Is the farm located on a hard 048 surface (all weather) road? 1 Yes 2 No	- About how m	anv miles i	s it to the	Miles 049	Tenths
			weather) road	?	/10
9. How many unpaid and paid farm hands (including the operate and his family) worked on this place in 1987?	)r	05		Total farm har	nds
			150 days	25 to 149	Less than
				2010140	
			or more?	days?	25 days?
a . Of the unpaid farm hands (including the operator and unpa family workers), how many worked —			-365	053	054
family workers), how many worked — b. Of the paid farm hands (hired workers and paid members of			055		1
family workers), how many worked —			055	053	054
family workers), how many worked — b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked — 10. What type of operating organization does this place have?	f	060	056	053	054
family workers), how many worked — b. Of the paid farm hands (hired workers and paid members o operator's family), how many worked —	f	060 1 2	055 □ Individual □ Partnership	053	054
<ul> <li>family workers), how many worked —</li> <li>b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —</li> <li>10. What type of operating organization does this place have?</li></ul>	f	060 1  2  3	056	053 056 (Do not include	054 057 cooperatives)
<ul> <li>family workers), how many worked —</li></ul>	.f	060 1 2 3 4	Individual     Partnership     Corporation     Other (Coope	053 056 (Do not include erative, estate,	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li> <li>b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —</li> <li>10. What type of operating organization does this place have?</li></ul>	.f	060 1   2   3   4   062 1	Individual     Partnership     Corporation     Other (Coope	(Do not include erative, estate, mption — Go to	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1   3   4   062 1   2   063	Diff Diff Diff Diff Diff Diff Diff Dif	(Do not include erative, estate, mption — Go to tem 12	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 062 1 2 1 2	Diff Diff Diff Diff Diff Diff Diff Dif	(Do not include erative, estate, mption — Go to tem 12	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 4 	Diff Diff Diff Diff Diff Diff Diff Dif	(Do not include erative, estate, mption — Go to tem 12 olding Iding	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 4 062 1 2 2 063 1 2 3 4		(Do not include erative, estate, mption — Go to tem 12 blding holding	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 4 062 1 2 063 1 2 3 4 3 4 5		(Do not include erative, estate, mption — Go to tem 12 blding holding lding	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 4 062 1 2 063 1 2 3 4 5 5 6		(Do not include erative, estate, mption — Go to tem 12 blding holding lding ng	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li> <li>b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —</li> <li>10. What type of operating organization does this place have?</li> <li>(If you are a manager, specify if working for an individual, partnership, corporation, cooperative, estate, trust, etc.)</li> <li>11. Is this holding producing mainly for home consumption or sa</li> </ul>	f le?	060 1 2 3 4 4 062 1 2 2 063 1 2 3 4 5 5 6 7		(Do not include erative, estate, mption — Go to tem 12 blding holding lding g	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li> <li>b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —</li> <li>10. What type of operating organization does this place have?</li> <li>(If you are a manager, specify if working for an individual, partnership, corporation, cooperative, estate, trust, etc.)</li> <li>11. Is this holding producing mainly for home consumption or sa</li> </ul>	f le?	060 1 2 3 4 4 062 1 2 063 1 2 3 4 5 6 7 8		(Do not include erative, estate, mption — Go to tem 12 blding holding lding ng g scify	054 057 cooperatives) trust, etc.) o section 3
<ul> <li>family workers), how many worked —</li></ul>	f le?	060 1 2 3 4 062 1 2 063 1 2 063 1 2 3 4 5 6 7 8 5 8 5 8		(Do not include erative, estate, mption — Go to tem 12 olding holding g g scify How many POUNDS were	054 057 cooperatives) trust, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f le? How many acre harvested in 19 (a)	060 1 2 3 4 062 1 2 063 1 2 063 1 2 3 4 5 6 7 8 5 8 7 8		(Do not include erative, estate, mption — Go to tem 12 blding holding g ucify POUNDS were sold in 1987?	054 057 0 cooperatives) trust, etc.) o section 3 What was the value of sales in 1987?
<ul> <li>family workers), how many worked —</li></ul>	f le? How many acre harvested in 19 (a)	060 1 2 3 4 062 1 2 063 1 2 3 4 5 6 7 8 8 7 7 8 8 7 7 8	Individual Partnership Corporation Other (Cooperation) Home consul Sale — Ask i Vegetable he Field crop ho Fruit and nut Dairy holding Livestock ho OPoultry holdi Mixed holdin Other — Spee How many POUNDS were harvested in 19877 (b)	(Do not include erative, estate, mption — Go to tem 12 olding holding g g scify How many POUNDS were	054 057 cooperatives) trust, etc.) o section 3 What was the Value of sales
family workers), how many worked —	Ie? How many acre harvested in 19 (a) Acres	060 1 2 3 4 062 1 2 063 1 2 063 1 2 3 4 5 6 7 8 5 6 7 8 1 2 2 1 2 1 2 1 2 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1		(Do not include erative, estate, mption — Go to tem 12 olding holding g iding g ccify How many POUNDS were sold in 1987? (c)	Vist vist, etc.) vist, etc.)
<ul> <li>family workers), how many worked —</li></ul>	f How many acre harvested in 19 (a) Acres 064 068 072	060 1 2 3 4 062 1 2 063 1 2 063 1 2 3 4 5 6 7 8 5 6 7 8 7 8 7 8 7 7 8 7 8 7 1 1 2 063 1 1 2 063 1 1 2 063 1 1 2 063 1 1 2 063 1 1 2 063 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 0 0 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1		OS3 OS6 (Do not include erative, estate, mption — Go to tem 12 olding Iding holding Iding iding iding solding G G Coro Coro Coro Coro	Visit was the value of sales in 1987? (d) 007
family workers), how many worked —         b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —         10. What type of operating organization does this place have?         (If you are a manager, specify if working for an individual, partnership, corporation, cooperative, estate, trust, etc.)         11. Is this holding producing mainly for home consumption or sa         12. It producing mainly for sale, is it one of the following?         13. It producing mainly for sale, is it one of the following?         14. It producing mainly for sale, is it one of the following?         15. It producing mainly for sale, is it one of the following?         16. Were any of these VEGETABLES AND FIELD CROPS harvested in 1987?         17. Beans, green.       □         2. Bittermelons       □	f How many acre harvested in 19 (a) Acres 064 068	060 1 2 3 4 062 1 2 063 1 2 063 1 2 3 4 5 6 7 8 <b>S were 87?</b> <b>Tenths</b> / /10 / /10 / /10		(Do not include erative, estate, mption — Go to tem 12 biding holding lding g ccify How many POUNDS were sold in 1987? (c) 0000	OS4 OS7 OS7 OS7 OS7 OS7 OS7 OS7 OS7 OS7 OS7

## Form 87-A1(G)

	CTION 3 CROPS HARVESTED IN 1987 – Continued Were any of these VEGETABLES AND FIELD CROPS hervested in 1987?	<b>.</b>	How many a harvested in (a)	1987?	How many POUNDS were harvested in 1987?	How many POUNDS were sold in 1987?	What was the value of sales in 1987?
	Concerne (terringe)	None	Acres 084	Tenths	(b) 085	(c) 086	(d) 087
	Cassava (tapioca)		088	/10	089	090	091
	Corn	_	092	1 /10	093	094	095
1	Cucumbers	_	096	/10	097	098	099
1	. Eggplant	_	100	/10	101	102	103
			104	/10	105	106	107
	Muskmelons and pepinos	-	108	1	109	110	111
	Onions, green	_	112	/10	113	114	115
	Peppers		116	/10	117	118	119
1	Pumpkins and squash		120	/10	121	122	123
			124	/10	125	126	127
	Sweetpotatoes		128	/10	129	130	131
	Taro		132	/10	133	134	135
1	Vatermelons		136	/10	137	138	139
I I	Yams		140		141	142	143
	Other vegetables and field crops - Specify		144	10	145	146	147
a 1.	Jogetables and neid crops - Specify	• L_İ		/10			
23.	place or were any harvested in 1987? How much land is in bearing and nonbearing fruit trees and plants?				Skip to item 41	059 A	cres Tenths
			How many trees or plants are not of bearing age?		pounds we e of harvested ige? 1987?	ere pounds wer	
	Augendes	None	(a)	(b)	101	(d)	(e) 152
	Avocados		163	154	1155	156	157
	Bananas		1.5	159	+ 	161	l Vie.
	Betelnuts		- e 3 · ·	·	· · · • · · · · · · · · · · · · · · · ·		
	Breadfruits			160			
	Grapefruit	- -	1.57	•	••••	:76	• • • • •
	Graperruit			•			•
	Lemons-Limes		<u> </u>			136	··
	Lemons-Limes.		198	18.	1 ac	a kir ka	÷
	Mangoes		195	÷		1946	· • • • • • •
	Papayas		198	· · · · ·	1.0	21.5	• • • •
	Pineapples		203			27.6	
	r meappies Soursops	•	268	2.59	19. 1985 - 19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	····+	··· . · · ·
	·	 	2:3	214	2 - 6	12°P	
	Startruits			-			
	Starfruits	_	218		22%	221	222
38. 9	Sweetsops		216		1225	221	227
38. 9 39. <sup>-</sup>	Sweetsops Tangerines			34 			
38. 9 39. <sup>-</sup>	Sweetsops		22.	1 214 1 129		226	227
38. 9 39. <sup>-</sup>	Sweetsops Tangerines		22.	214 214		226	227
38. 9 39. <sup>-</sup>	Sweetsops Tangerines		22.		1225	226	227
38. 9 39. <sup>-</sup> 40. 0 41. 1	Sweetsops Tangerines		228		1225	226 231	227

Of the total acres on this place (Section 2, item 7) –			None	Acres	Tent
1. How many acres of land are in crops?				236	i 1 /1
				238	1
2. How much cropland is used for pasture?	•••••			240	/1
3. How much cropland is not used for crops or pasture?	•••••			242	/1
4. How much pastureland is used for pasture or grazing?					/1
5. How much pastureland is not used for pasture or grazing?				244	1 /
6. How many acres are in other land?				246	1
		••••••		248	
7. TOTAL LAND (Add entries in items 1 through 6. The total should be equal to the entry in section 2, item 7.)					1 1
ECTION 5 LIVESTOCK AND POULTRY					
Do you or anyone else have any of the following livestock and poultry on this place or were any sold from this place		How many are on	How many were	What was	
in 1987?		this place today?	sold in 1987?	of sales in	
1. Carabaos of all ages	None	250	251	252	<u> </u>
	_	253	254	255	
2. Total cattle and calves of all ages (Must equal sum of a and b below.)		256	257	258	
a. Milk cows		259	260	261	
b. All other cattle and calves					
3. Hogs and pigs of all ages		262	263	264	
4. Goats and kids of all ages		265	266	267	
-	_	268	269	270	
5. Horses and colts of all ages	···· []	271	272	273	
6. Chicken hens 4 months old and over	🗌	274	275	276	
a. Commercial layers	🗆	277	278		
b. Other chicken hens		2//	2/8	279	
7. Chickens less than 4 months old		280	281	282	•
		283	284	285	
3. Roosters and pullets		286	287	288	<u> </u>
9. Other poultry					
a. Ducks	🗆	289	290		
b. Geese	🗌			291	
c. Pigeons		295	296	297	
-		298	299	300	
d. Other – Specify	_ □		l		
			Number sold	What was	
			in 1987 (a)	of sales in (b	
		None	301	302	
<ol> <li>How many dozens of chicken eggs were sold during 1987?</li> </ol>			Doze 303	ns	
<ol> <li>How many quarts of milk were sold during 1987?</li> </ol>			Quar	ts	
ECTION 6 FISHERY			<u></u>		
		Total pounds	Total pounds	Value o	
		caught (a)	sold (b)	in 19 (c	
	None	305	306	307	

Page 3

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# Form 87-A1(G)

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SECTION 7	ELECTED EXPENDITURES IN 1987	· · · · · · · · · · · · · · · · · · ·		_		
How much d	id you spend for each of the following in 1987	7		None	Dollars only	,
1 Machina his					309	
2. Wages and s	and customwork alaries paid to employees or hired farm worke	rs (Do not include ho	usework or contract	Ī	310	
3. Feed purchas	work. Include cash payments only.) ed for livestock and poultry (Include cost of	grain, feed, concentra	ites, and	Ī	311	
	lso amount paid for grinding and mixing feed.			[	312	
	fungicides, and herbicides				313	
	d manure purchased				314	
	d poultry purchased		·····			_
				-		
1. How many of today, regard	the following are on this place? (Include all a lease of ownership, provided it is in operating a	specified equipment of condition.)	on this place	None	Number	
a. Tractors o	f all kinds			. 🗆 [		
b. Motortruc	ks				316	
c. Automobil	es			1	317	
2. Do vou have	the following on this place?			L		
	me following on this place:	:	318			
-				2 🗌 No	C	
	ing water		1 🗌 Yes	2 🗌 N (	0	
SECTION 9 C	OPERATOR CHARACTERISTICS					
The following	questions are about the FARM OPERATOR.					
1. Do you live o	n this place?	:	120 1 🗌 Yes	2 🗋 N (	0	
2. In what year	did you begin to operate this place?					
	you on your last birthday?					
	main occupation?			- (77 N)		
			1 Agricultural		onagricultural	
work 4 hours	DRK — How many days did the operator or more off this place in 1987?		1∃ None 2		00—149 days 50—199 days	
else's farm.	at a nonfarm job, business, or on someone Exclude exchange farm work		3∐ 50-99 days		00 days or more	е
SECTION 10	NUMERATOR'S RECORD (To be filled by the	Census enumerator)				
1. Who furnishe	d the information in this report?		₄ ☐ Wife or member of			
		2	the operator's famil	Y		
		3 Hired laborer	5 Other — Specify			
2 Romarke (Ma	ke any remarks needed in regard to the place, the	owner or operator, the				
	his place.)	owner of operator, the	crops currivated, or the rive.	STOCK		
						-
		·····				- Nati
3. Residence	a. Election District	b. Vill	age			
of operator 4. Location	a. Election District	b. ED	number			
of land	Enumerator's signature	<u> </u>	Date			
5. Certified by	Enumerator's signature		· · · · · · · · · · · · · · · · · · ·		. <u></u>	
6. Checked by	Supervisor's signature		Date			
ORM 87-A 1(G) (5-20-87:	i	Page 4				

# 1987 Census of Agriculture for the U.S. Virgin Islands, Report Form 87-A1(VI)

U.S. DEPARTMENT OF BUREAU O	COMMERCE	Code). By 1	Response to this in the same law YOUR IAL. It may be seen	REPORT	TO THE CENS	SUS BUREAU IS
<u>A1</u>		may be use	d only for statistical p s of taxation, investiga	ourposes	. Your report C	
1987 CENSUS OF AGRICULTURE VIRGIN ISLANDS		FARM SE	RIAL NUMBER	•	1	
	ame (First na	me, middle initia			<u></u>	· · · · · · · · · · · · · · · · · · ·
1. What is your (the operator's) name?	lete mailing a	ddrass				
2. What is your (the operator's) mailing address?	iete maning e	dulesa				
ection 2 LAND IN AGRICULTURE						· · · · · · · · · · · · · · · · · · ·
1. How many acres do you own? (If you own more than				i	None 041	Acres
one tract of land, include all land in the Virgin Islands.)			•••••		042	/1
2. How many acres do you rent from others? (Include acres worked on shares.)	••••				043	/
3. How many acres do you operate for others as a hired or sala	aried man	ager?				/1
4. How many acres do you rent to others?					044	/1
5. TOTAL ACRES IN THIS PLACE (Add items 1 and 2, subtract item 4; )	if managed	enter data fro	om item 3 here.) —		045	/1
	05	3				
6. How many unpaid and paid farmhands (including the operat and his family) worked on this place the last 12 months?		. <u> </u>	Total farmhand	ds		
				days ore?	25 to 149 days?	Less that 25 days
a. Of the unpaid farmhands (including the operator and unp	aid		054		055	056
family workers), how many worked —	•••••	••••••			058	059
7. What type of operating organization does this place have? (If you are a manager, specify if working for an individual, partnership, corporation, cooperative, estate, trust, etc.)		4 🗌 Other			•	
8. Is this holding producing mainly for home consumption or sale?		-	consumption — G • Ask item 9	io to se	ection 3	
9. If producing mainly for sale, which of the following is it?		1 🗌 Vegeta 2 🗌 Field a	•	lding	6 - Poulti 7 - Nurse 8 - Mixeo 9 - Other	ery holding
			-			
ECTIONS CROPS HARVESTED IN THE LAST 12 MONTHS						
ection 3 CROPS HARVESTED IN THE LAST 12 MONTHS include all crops harvested from July 1, 1987 to June 30, 15 by you or by someone else. Be sure to include the landlord's which were not harvested because of drought, labor shortag acre, such as $1/10$ , $3/10$ , $1-5/10$ , etc.	s share. C	o not inclu	de crops which v	vere a	complete fa	ilure or
Were any of these FORAGE crops     Cultivated on this place in the last	re acre	ow many is were for utting?	How many acres were for grazing?	acr used	es were	What was t value of sal in the last 1 months?
12 months? None (a)	064	(b)	(c) 065	066	(d)	(e) 67
1. Sugarcane	/10	/10	/10	071	/10	72
	1			1 C C		
2. Sorghum	/10	/10	/10	076	/10	77

# Form 87-A1(VI)

Section 3 CROPS HARVESTED IN THE LAS • Were any of these FIELD CROPS harvested in the last 12 months? None	How	w many ACRES	1	How many POUI were harvested in last 12 months (b)	1 the	How many were sold i 12 more (c)	n the last nths?	VAL	Vhat was the UE of sales in the st 12 months? (d)
4. Cassava	078	/10	0	)79	0	080		081	
5. Dry beans	082	/10	10	083	0	084		085	
6. Dry corn	086	/10	0	087	te	586		089	
7. Sorghum for grain	090	/10	0	91		992		093	
	094	/10	10	95	- 10	096		097	
9. Taniers	098	/10	0	99		100		101	
10. Yams	102	/10		103		104		105	
<b>11. Other field crops</b> – Specify $_{17}$	106	1	١	07	- 1	108		109	
T		/10							
<ul> <li>Were any of these VEGETABLE CROPS harvested in the last 12 months?</li> </ul>				How many A were harves the last 12 m	ted in	VALU	t was the E of sales 12 mont	in	
		No		e (a)		111	(b)		
12. Cabbage				112		10			
13. Carrots				114	1	10			
14. Celery				116	i	10			
16. Eggplant				118		10			
17. Green beans		-		120		10 10			
18. Lettuce				122	1	10 10	·		
19. Okra		-		124	1	10			
20. Onions				126		10			
21. Peppers		•		128	-+	10			
22. Spinach		_		130	-	10 131 10			
23. Squash			7	132	1	10			
24. Tomatoes				134		10			
			_	136	1	137			
25. Other vegetable crops - Specify		L		L	/	10			
<ul> <li>FRUITS AND NUTS</li> <li>26. Are there any fruit and nut trees or plants this place today or were any harvested in</li> <li>27. How much land is in bearing and nonbear</li> </ul>	the la					o — Skip to		140	Acres Tent
<ul> <li>Are any of the following kinds of</li> </ul>				How many trees or plants are of					
FRUIT TREES, NUT TREES, OR PLANTS on this place?	None	of bearing age?				2 months?	12 mon	ths?	the last 12 months? (e)
28. Avocados		141 Numbe	er	142 Number	143	Fruits	144	Fruits	145
29. Bananas		146 Hills		147 Hills	148	Bunches	149	Bunches	150
30. Coconuts		151 Numbe	er	152 Number	153	Nuts	154	Nuts	155
31. Grapefruits		156 Numbe	er	157 Number	158	Pounds	159	Pounds	160
2. Limes and lemons		161 Numbe	er	162 Number	163	Pounds		Pounds	165
33. Mangoes		166 Numbe	er	167 Number	168	Fruits	169	Fruits	170
34. Oranges		171 Numbe	er	172 Number	173	Pounds	174	Pounds	175
5. Papayas		176 Numbe		177 Number	178	Pounds	179	Pounds	180
6. Pineapples		181 Numbe	er	182 Number	183	Boxes		Boxes	185
7. Plantains		186 Hills		187 Hills	188	Bunches		Bunches	190
38. Other fruits, nuts, and tree crops – Specify	Z	191	ł	192	193		194		195
		<u>,</u> ,							
		Sc	านส	are feet	[		Teash	What w	as the value of sale
9. How many square feet under cover and/o did you have planted in ORNAMENTAL P		s un		er cover	197	Acres	Tenths		e last 12 months?
or in any other NURSERY CROPS?				and/o			/10	. 30	

Form 87-A1(VI)	Form	87-A1	(VI)
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Section 4 LAND USE IN THE LAST 12 MONTHS		<u></u>			··-	_
Land is to be reported in ONLY ONE CATEGORY. If two or more use		a made of the com	•			
land, report in the FIRST category that applies.	3 WG	ie maue of the sam	•			
1. How many acres were in crops harvested in the last 12 months? (Can be obtained by				199	Acres	
adding the acres of the various crops reported in section 3, items 1 throug if more than one crop was harvested from the same land, count this land					l l	/10
2. How many acres were in other cropland? (Include cropland pasture				200		
idle and fallow cropland, and cropland used for soil improvement c			🛛			/10
3. How many acres were in other pasture or grazing land? (Include wo	odiai	nd	r	201	İ	
pasture; do not include cropland pasture.)	· · · ·			202	1	/10
4. How many acres were in woodland? (Do not include woodland pas	ture.)		🛛			/10
5. How many acres were in other uses? (Include house lots, barn lots,			_	203	6 1	
ditches, ponds, and wasteland.)		••••••••••••••••	· · · · · · · · · · · ·	204		/10
6, TOTAL LAND (Add entries in items 1 through 5. This total should equal the	entrv	in section 2. item 5.)	<b>→</b>		1	/10
	,					
			None	205	Number	
7. How many wells are on this place?						
Section 5 LIVESTOCK AND POULTRY ON THIS PLACE NOW AND NU				HS		
<ul> <li>Do you or anyone else have any of the following livestock,</li> </ul>		How many are on this place now?		ist 12	What was the value of sales in	n the
regardless of ownership, on this place or were any sold from this place in the last 12 months?	None	(a)	montha (b)	7	last 12 month	18?
1. Horses and colts, including ponies		206	207		208	
2. Mules, asses, and burros of all ages	_	209	210	•	211	
3. Sheep and lambs of all ages		212	213		214	
4. Goats and kids of all ages	_	215	216		217	
_		218	219	· · · -	220	
5. Hogs and pigs of all ages, including sows and boars (Must equal sum of a and b below.)						
a. Pigs less than 8 months old		221	222		223	
b. Hogs and pigs 8 months old or older		224	225		226	
6. Cattle and calves of all ages (Must equal sum of a, b, c, and d below.)		227	228		229	
a. Cows, including heifers that have calved		230	231		232	
b. Heifers and heifer calves 1 year old or older		233	234		235	
(Do not include heifers that have calved.)		236	237		238	
c. Bulls, bull calves, steers, and steer calves 1 year old or older		239	240			
d. Calves less than 1 year old		235	240		241	
<ul> <li>Do you or anyone else have any of the following poultry.</li> </ul>		How many are on How many this place now? sold in the la				
regardless of ownership, on this place or were any sold	None	(a)	months		last 12 month	
from this place in the last 12 months? 7. Chickens (hens, pullets, roosters, broilers, etc.)		242	(b) 243		(C) 244	
a. How many are 5 months old or older?		245				
8. Turkeys, ducks, geese, and other poultry		248	249		250	<u></u>
	ų	L				
			Number so	ld	What was the value of sales in	
		None	(a)		last 12 month	<b>18</b> 7
9. How many dozens of chicken eggs were sold from this place in the l	ast 1		251	Dozens	252	-
10. How many quarts of milk were sold from this place in the last 12 mo		_	253	Quarts	254	
Section 6 SELECTED EXPENDITURES IN THE LAST 12 MONTHS						
• How much did you spend for each of the following in the last 12 mor	ths?		None		Dollars only	
1. Machine hire and customwork		• • • • • • • • • • • • • • • •	🗆	255 \$		
2. Wages and salaries paid to employees or hired farmworkers (Do not include housework or contract construction work. Include	cash	navmante only )		256 \$		
3. Feed purchased for livestock and poultry (Include cost of grain, feed and roughages; also amount paid for grinding and mixing feed.)	, con	centrates,		257		<u> </u>
				\$ 258		
4. Insecticides, fungicides, and herbicides			_	\$ 259	·	
5. Fertilizers and manure purchased				\$ 260		
6. Livestock and poultry purchased     FORM 87-A1(VD) (8-11-86)     Page 3	<u>.</u>	<u> </u>	<u></u>	\$		

# Form 87-A1(VI)

ection 7 EQUIPMENT AND FACILITIES USED ON THIS PLACE IN THE I			
I. How many of the following are on this place? (Include all specified equ place today, regardless of ownership, provided it is in operating conditi		ent on this	None Number
a. Tractors of all kinds			261
b. Motortrucks			262
c. Automobiles			263
2. Do you have the following on this place?			
a. Electricity	264	Yes	2 🗌 NO
b. Piped running water	265	, 🗌 Yes	2 🗌 No
ection 8 OPERATOR CHARACTERISTICS		·	
The following questions are about the FARM OPERATOR.	266		
. Do you live on this place (the acres entered in section 2, item 5)?		1 🗌 Yes	2 🗌 NO
2. In what year did you begin to operate this place?	267	Year	
	268		
3. Where were you born?		<ol> <li>Virgin Islands</li> <li>Puerto Rico</li> </ol>	3 LI Elsewhere – Spec
. How old were you on your last birthday?	269	Years of	4
			-
5. Is your main occupation agricultural or nonagricultural?	270		2 🗌 Nonagricultural
6. OFF FARM WORK — How many days did the operator work 4 hours or more off this place in the last 12 months? (solude work at a poplarm	271		
more off this place in the last 12 months? Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm		None	₄ 🔲 100−149 days
work.)		₂	₅ 🔲 150—199 days ₅ 🔲 200 days or more
		3 🗆 50 – 99 days	6 Li 200 days or more
TRATING ENUMERATOR'S RECORD			
ection 9 ENUMERATOR'S RECORD	272	_	_
			₄ ☐ Hired laborer
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
ENUMERATOR'S RECORD   . Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
Who furnished the information in this report?		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
		<ul> <li>2 Landlord</li> <li>3 Wife or a member of the operator's family</li> <li>, the crops cultivated, or the crops cultivated, or the crops cultivated, or the crops cultivated.</li> </ul>	s   Neighbor G Other - Specify; he livestock on this place.)
		<ul> <li>Landlord</li> <li>Wife or a member of the operator's family</li> </ul>	<ul> <li>Neighbor</li> <li>Other - Specify</li> </ul>
		<ul> <li>2 Landlord</li> <li>3 Wife or a member of the operator's family</li> <li>, the crops cultivated, or the crops cultivated, or the crops cultivated, or the crops cultivated.</li> </ul>	s   Neighbor G Other - Specify the livestock on this place.) C. ED number
Who furnished the information in this report?  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any re		<ul> <li>2 Landlord</li> <li>3 Wife or a member of the operator's family</li> <li>, the crops cultivated, or the crops cultivated, or the crops cultivated, or the crops cultivated.</li> </ul>	s   Neighbor e Other - Specify ne livestock on this place.)
		<ul> <li>2 Landlord</li> <li>3 Wife or a member of the operator's family</li> <li>, the crops cultivated, or the crops cultivated, or the crops cultivated, or the crops cultivated.</li> </ul>	s   Neighbor e Other - Specify me livestock on this place.) c. ED number Date
Who furnished the information in this report?  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any remarks needed in regard to this place, the owner or ope  Remarks (Make any re		<ul> <li>2 Landlord</li> <li>3 Wife or a member of the operator's family</li> <li>, the crops cultivated, or the crops cultivated, or the crops cultivated, or the crops cultivated.</li> </ul>	s   Neighbor G Other - Specify the livestock on this place.) C. ED number

# 1990 Census of Agriculture for the Northern Mariana Islands, Report Form 90-A1(NM)

								MB No. 060	7-0667	: Approval I	Expires 09/30/
	Code). By the san	onse to this inquiry is re ne law YOUR REPORT 1	O THE CENSUS	BUREAU IS	Part A	- QUE	STIONN	AIRE IDE	NTIF	ICATION	1
	CONFIDENTIAL.	It may be seen only by p entiality of the census a	ersons who have and may be used	e sworn to only for	Island		<u> </u>	LNUMBER	_ <b>F</b>	CENSU	USE ONLY
8	tatistical purpos	es. Your report CANNO ation, or regulation.	T be used for pur	rposes of	number	ARA	Block	Map Spo	<sup>st</sup>		
_	90-A1(NM		U.S. DEPARTMENT	OF COMMERCE					<u>i</u> _		
110-4	Gali		OVE	SU OF THE GENOUS	Name of	island					
					Municip	ality		···			
	1990 CE	NSUS OF A	GRICULI	URE		·					
	NOR	THERN MARIAN	IA ISLANDS	5							LOCATION
					Full nam	e (First na	ame, mide	dle initial, la:	st nam	e)	
					Physical	Location	(Describ	e)			
035	036	CENSUS USE O	NLY 038	039							
035	038	037	038	038							
	being the ave	SPONDENT — We stage time. If you ha on on Form D-31.	estimate that ive any comm	ients regardi	ng these	estimate	ites to co is or any	omplete this other aspec	s repoi ct of th	rt, with 11 he census	5 minutes , refer to
				INSTR	UCTION	8					
	This section is	nd in section 1 s for recording inform ator is associated wit andlords.			Repo supp supe	rt all land lied equip rvision of	rented, e ment, fer the work		the lan her ma	idlord may terials and	have /or some
					rente			nted TO O			
	whether held as heir or trus spouse, or by	<ul> <li>Acres owned — R under title, purchase tee of an undivided e the partnership, corp are reporting.</li> </ul>	contract or mo state, by you a	ortgage, or ind/or your	sum ( minu tracts	of the acre s the acre s of land r	es owned s rented egardless	Free in this p i, plus acres TO OTHERS s of where lo operated by 1	rented . This cated	FROM OT entry repre- in the Nor	HERS, esents all thern
SF		LAND IN AGRIC									-
001			V-I UNE								
								N	one	Acres	Tenth
	dow many r-	nes do								40	1
1.3	tow many ac	res do you own? .				• • • • • • • •		• • • • • • • •		42	/10
2.1	low many ac	res do you rent FRO	M OTHERS?	(Include land i	used rent	-free)		• • • • • • • •			/10
3.1	low many acr	es do you rent TO C	THERS? (incl	lude land for w	/hich no n	ent is rece	ived)			44	/16
		IN THIS PLACE - A								45	
		th	en SUBTRACT	acres rented	ΤΟ ΟΤΗΕ	RS (ques	tion 3), ai	nd			1
		er							- L		
					Name of	landlord		Acre		Tenths	
5.1	f vou rented ler	d FROM OTHERS,								I OTILIS	
(	question 2) ent	ter the following each landiord								/10	
6	monnerron für									/10	
								1	-		
				L						/10	
6.1	iow meny ser	erate TRACTS or P	IECES of land	d or plantatio		046					
	re represente	d in the "Total acre	s in this place	?"		· _		Num	nber of	pieces	
<b>.</b> .	- <b>abla -</b> - t - "					047	_				
		producing mainly f (X) one)						e consumpti — ASK ques			stion 9
		ainly for sale, whic						tock and/or d holding	pouitr	y holding	
9.V	Vhat percent (	of the farm operatio	on is financed	by each of th	e foliow	* ، ing sourc		•	No		Percent
		•				-			F	049	
	• Uperator		• • • • • • • • • • • •			•••••	••••		L	050	%
Ь	Private			<i></i>					C		
	Commence								Г	051	~
C	. commercial					••••			L	052	%
d	. Government			•••••			• • • • • • • •	• • • • • • • • • •	C		
-	. Other – Spe	cify _								053	*

# Form 90-A1(NM)

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Did you hannest ony FIGI D OBODO METI ONO					<del>,</del>		-т		I
Did you harvest any FIELD CROPS, MELONS, o VEGETABLES in 1989 — such as yams, sweetpotatoes, taro, etc.?	w None	How many were harv in 198	estec		How m pounds herves	were ted	How me pounds v sold in 19	vere	What was the value of sale in 1989?
<sup>002</sup> 1 ☐ Yes — Complete this section 2 ☐ No — GO to section 3		(a) Acres	! Te	enths	in 198 (b)	197	(c)		(Dollars) (d)
		060	1		061		062		063 \$
1.Cassava		064	-	/10	065		066		067
2. Chinese cabbage		068		/10	069		070		\$
3. Corn			_	/10					\$
4. Cucumbers		072	1	/10	073		074		\$
<b>5.</b> Eggplant	п	076		/10	077		078		079 \$
	_	080	+		081		082		083
6.Melons (exclude watermelons)		084	_	/10	085		086		\$ 087
7.Sweetpotatoes		088	_	/10	089		090		\$
8. Taro				/10		. —			\$
9. Watermelons		092	1	/10	093		094		095 \$
10. Yams		096	1	/10	097	. —	098		099 \$
<b>11.</b> Other field crops and vegetables – Specify $rac{1}{7}$		100	1		101		102		103
			1						
			i	/10					\$
SECTION 3 FRUITS AND NUTS									
Do you have any FRUIT and NUT trees or plants on this place — such as coconuts, bananas,	1								
mangoes, etc.? (Quantity harvested in 1989 and number of trees and plants on enumeration day.)		How many trees or plan		Wh	at quantit	v	What quant		What was the value of sale
	None	are on this place?		Was	s harveste n 19897	ð	was sold in 19897		in 1989? (Dollars)
<ul> <li><sup>003</sup> 1 Yes - Complete this section</li> <li>2 No - GO to question 16</li> </ul>		(a)		-	(b)		(c)		(d)
$2 \square NO = GO to question 16$	_	120		121		1:			123
1.Avocados		124		125	Pou	nds 13		ounds	\$
2.Bananas		Clus	sters	129	Pou		Pc 30	ounds	\$
3.Beteinuts					Pou	nds	Po	ounds	\$
4. Breadfruits		132		133	Pou	nds 1:		ounds	135 \$
5. Coconuts		136		137	Pou	nde 1:		ounds	139 \$
		140		141		14	42		143
6. Green oranges		144		145	Pou		Pc	ounds	\$ 147
7.Guavas		148		149	Pou	nds		ounds	\$
8.Lemons					Pou	nds	Po	ounds	\$
9. Limes		152	T	153	Pou	1 !		ounds	165 \$
	_	156		157		15	58		159
<b>10.</b> Mangoes		160		161	Pou	nds 14		ounds	\$ 163
11.Papayas		164		185	Pou	nds 16		ounds	\$ 167
12. Pineapples					Fruit		Fr	uits	\$
13.Starfruits		168		169	Pou	nds	Po	ounds	\$
<b>14.</b> Tangerines	Π	172	-	173	Pou	nds 17		ounds	175 \$
15. Other fruits, puts, and tree crops (coffee	_	176		177	FOU	105			179
grapefruit, sweetsops, etc.) - Specify						ł			
		L			Pou	nds	Po	ounds	\$
			[						14/7
16. U.a	ess dia	l vou hous			e feet cover	A	cres Te	enths	What was the value of sales in 1989? (Dollars)
16. How many square feet under cover and/or ac planted in ORNAMENTAL PLANTS or 'n any planted in ORNAMENTAL PLANTS or 'n any	other	NURSERY	197	'	15	8			199
CROP\$?			1					/10	\$

# Form 90-A1(NM)

				_		
SECTION 4 LAND USE						
Of the total acres in this place (section 1, question 4) -			None	201	cres	Tenths
1.How many acres are in crops?			🗆			/10
2. How many acres are in other cropland (cropland pasture, crop failure and cropland used for soil improvement)?			🗆	202		/10
3. How many acres are in other pasture or grazing land? (Include woodla	nd pas	ture.		203		I I
Do not include cropland pasture.)			🗆	204		<u>/10</u>
not pastured, wasteland, etc.)			🗆	205		/10
5.TOTAL LAND (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)		· <u></u>				/10
SECTION 5 LIVESTOCK AND POULTRY						
	None	How many are on this place today?	How i were in 18	sold	value d in 19	was the of sales 9897 Hars)
How many of the following livestock and/or poultry are on this place today or were sold from this place in 1989?		(a)	255	)	258	:)
1. Total cattle and calves of all ages ( <i>Total of "a" and "b" below</i> )			1		\$	
Of this total, how many are —		257	258		259	
a. Milk cows					\$	
b. All other cattle and calves		260	261		262 \$	
		263	264		285	
2. Hogs and pigs of all ages		266	267		\$ 268	
3. Goats and kids of all ages		269	270		\$	
4. Horses, mules, and colts of all ages		269	270		\$	
<b>5.</b> Other livestock – Specify $\overline{\gamma}$		272	273		274	
		275	276		\$	
<b>6.</b> Chickens					\$	
7. Other poultry (ducks, pigeons, guineas, geese, turkeys, etc.) — Specify 7		278	279		280	
					\$	
	-		L	<u>.                                    </u>	<b>↓</b>	
		None	What w quantit in 18	y sold	What w value o in 19 (Dol	of sales 189?
			(a)	)	(t	o)
8. How many dozens of chicken eggs were sold during 1989?				Dozens	\$	
9. How many quarts of milk were sold during 1989?		_	303	Quarts	304 \$	
SECTION 6 FISHERY					1.	
008						
	None	Total pounds caught (a)	Total po sol (b	d	Value o (Doll (c	ars)
1. How many pounds of fish were caught on this place in 1989?	П	305	308		307	
SECTION 7 SELECTED EQUIPMENT AND SPECIFIED FACILI	-	USED ON THIS			L	
007		COLD ON THE		-		
<ol> <li>How many of the following are on this place? (Include all specified equipment on this place today, regardless of ownership, provided it is in operating condition.)</li> </ol>						
				None	Num 315	inel
a. Tractors of all kinds	••••			. 🗆	316	
b. Motortrucks	• • • • •		· · · · · · · ·	. 🗆		
c. Automobiles		· · · <i>·</i> · · · · · · · · · · · · · · ·		. 🗆	317	
2. Do you have the following on this place?		18				
Electricity		18 1 🗌 Yes	2 🗆 N	lo		
b. Piped running water		19 1 🗆 Yes	2 🗆 N	lo		
OBM 90-A1 (NM) (10-4-89)						

# Form 90-A1(NM)

÷

The following questions as about the FARM OPERATOR.  1. Do you fire on this place?   The cross entered in 22. In what year did you bagin to operate this place?  2. In what year did you bagin to operate this place?  3. How old were you on your last birthday?  3. How old were you on you on you on your last birthday?  3. How old we	008			
accion 1, question 4,	The following	g questions are about the FARM OPERATOR.		
2. In what year did you begin to operate this place?	1.Do you live section 1,	e on this place? (The acres entered in question 4)	<sup>320</sup> 1 🗌 Yes	2 🗆 No
3. How old were you on your last birthday?	2. In what y	ear did you begin to operate this place?	Y	Bar
5. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day off this place in 19837 [Include work at least 4 hours per day of the least 4 hours per day of the place in 19837 [Include work at least 4 hours per day of the least 4 hours per day of the place in 19837 [Include work at least 4 hours per day of the place in 19837 [Include work at least 4 hours per day of the least 4 hours 1 hours hours how at least 4 hours per day of the place in 19837 [Include work at least 4 hours 1 hours hours how at least 4 hours 1 hours hours hours hours 1 hours 1 hours hours hours hours 1 h	3. How old v			ears old
mork at least 4 hours per day off this place in 1989?       1 - 43 days       1 190-193 days         include work is anotherm (b) submest, or noneneron       2 0 0 - 193 days       1 190-193 days         include work is anotherm (b) submest, or noneneron       2 0 0 - 193 days       1 200 days or more         Include work is anotherm (b) submest, or noneneron       2 0 0 - 193 days       1 200 days or more         Include work is anotherm (b) submest, or noneneron       2 0 - 193 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 0 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 0 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or none       2 - 193 days       1 - 43 days       1 - 43 days       1 - 43 days         Statistic is a submest, or not is is a submest, or not is is a submest, or not is is a submest, or not is is a submest, or not is a submest, or not is a submest, or not is a submest, or not is a sub	4. What is y	our main occupation?	<sup>323</sup> t 🗌 Agricultural	2 🗋 Nonagricultural
<sup>309</sup> 1. Who furnished the information in this report?	(Include w	est 4 hours per day off this place in 1989? ork at a nonfarm job, business, or on someone	2 🗋 1 – 49 days	s 🗋 150−199 days
	ECTION 9	ENUMERATOR'S RECORD (To be compl	eted by the Census e	numerator)
or the livestock on this place.)	1.Who furn	ished the information in this report?	2 🖾 Landlord 3 🗔 Wife or membe	s $\Box$ Other – Specify $\frac{1}{7}$
or the livestock on this place.)  inumerator: Ask at the completion of this questionnaire – "Besides you, (the operator) does any other person living in this household have 15 or more poultry (chlckens, ducks, guiness, etc.); 5 or more livestock (cetta, loog, goess, etc.); a combined total of 10 or more fruit or nut trees or plants; or any crops or vegetables harvested for sale during 1989?"  If "No," END INTERVIEW If "Yes," inter note in "Remerks" section and complete another Agriculture report form for the other person. 3. Certified by enumerator	2 Romarks //	make any remarks needed in regard to the place, the o		· · · · · · · · · · · · · · · · · · ·
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Checked by crew leader <sup>332</sup> Date		In this household have 15 or more poultry (chick (cattle, hogs, goats, etc.); a combined total of 1 vegetables harvested for sale during 1989?" If "No," END INTERVIEW If "Yes," enter note in "Remarks" section and com	tens, ducks, guineas, et D or more fruit or nut tr	c.); 5 or more livestock ses or plants; or any crops or report form for the other person.
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# 1990 Census of Agriculture for American Samoa, Report Form 90-A1(AS)

								OMB No. 060	07-066	7: Approv	al Expire	as 09/30/
NOTIC	E Response to	o this inquiry is re YOUR REPORT 1	quired by law (tit	le 13, U.S.	Part A	- QUE		AIRE ID				
CONFIE uphold statistic	DÉNTIAL. it may the confidentiali	be seen only by p ty of the census a ur report CANNO	ersons who have	a sworn to only for	County number	FAR ARA	M SERIA Block	L NUMBER Map Sp		CEN	5US US	EÓNLY
ORM 90-			J.S. DEPARTMENT	OF COMMERCE								
0-4-89)			BUNCA	O OF THE CENSOS	Island/D	istrict						
199	90 CENS	US OF A	GRICULT	URE	County							
	AN	IERICAN SA	MOA					NAME A	_		AL LOO	ATION
					Full nam	e (First na	ime, mid	dle initial, li	ast na	me)		
		CENSUS USE O	NLY		Physical	location	Describe	a)			-	
15	036	037	038	039								
being	D TO RESPOI the average formation or	VDENT — We d time. If you ha	estimate that i we any comm	it will take fr ents regardi	om 10 to ng these	20 minu estimate	tes to co s or any	omplete th other aspe	is rep oct of	ort, with the cent	15 mil ius, ref	nutes er to
				INSTR	UCTION	5						
	nunal lands	wner-like posses	cion for the here	ofit of the		ivate lan			_			
sect the und b. Any repo	tion 1, question operator rather er section 1, qu land used to wh orted as land rent	ould be reported 1. If the land is it than the extend lestion 2 on a se lich title or right o ted FROM OTHEF rent is paid to the	used for the sole ed family, repor parate question f ownership is no IS under section	e benefit of t the land naire. ht held, should l 1, question 2. [	ec po na re us pe us po cr	ommunal bultry are k me of the sponsible bually be th ops.	system - ept, com person in for makin te head of	ds, not held – If crops w plete this ag charge. The g the decision f the family	ere rai pricultu e perso ons.Th	sed or live are question on in char a person	estock o onnaire i ge is the in charg	r n the one e will
used land thou agrid	d by a nonmemi I rented TO OTH ugh no rent is pa culture questior	the title is held o ber of the extend IERS under sect aid by the nonmen naire should be lestion 3 in the n	ted family, shou ion 1, question mber. In such c completed for t	ild be reported 3. Do this ever ases, a separa he lands repor	as En te ke ted in:	stitutions pt, comple stitution. A	- If crop te this against	<b>, schools, c</b> ps were rais griculture qu the name o t B, above.	ed or li lestion	vestock o naire in th	r poultn ne name	
SECTIC	IN 1 LAN	D IN AGRIC	ULTURE					-	None	Ac	res	Tenth
01									_	040		1
	-	o you own or u						_		042		/1
		al lands?						2 🗌 No				1 /1
	-	you rent FRO						2 🗌 No		044		
		ai lands? 9 you rent TO (				•						/1
	•	IIS PLACE - A								045		1
		th	en SUBTRACT nter the result in	acres rented	TOOTH					L		i /1
				N	lame of la	Indiord		Island/Dis	trict	Ac	res	Tenth
	rented land FR											1
(questi inform	ion 2) enter the ation for each	e following I landlord										1 /1
												/1
												/1
How	nany separat	TRACTS or I	PIECES of land	d or plantatio	ms	046						
are rej	presented in t	he "Total acre	s in this place	<b>7</b> "	• • • • • • • •	• •		Nu	mber	of pieces		
		ucing mainly f						e consump — ASK qui			uestion	9
		for sale, whic		wing is it?		. 2		holding stock and/o id holding	r poul	try holdir	ıg	
. What	percent of the	e farm operatio	on is financed	by each of ti	ne follow	•		-	1	None	Perc	ent
a. Ope	rator			• • • • • • • • • • • •							,	
b. Priv								-		050	>	
30. PHV										061		
c. Cor	nmercial			••••		· · · <i>· · · ·</i> ·	· · · · · · ·			053	2	9
<b>d.</b> Gov	ernment									- L		
				•••••	••••	• • • • • • •	• • • • • •	• • • • • • • •	•••	053		

# Form 90-A1(AS)

### SECTION 2 FIELD CROPS, MELONS, AND VEGETABLES

Did you harvest any FIELD CROPS, MELONS, o VEGETABLES in 1989 — such as cabbage, cassava, taro, yams, etc.?	None	How many were harv in 198 (a)	ested	What quantity was harvested in 1989?		What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
$2 \square No - GO$ to section 3		Acres	Tenths	]	(b)	(c)	(d)
		060	T	061		062	063
1.Cabbage			1 /10		Pounds	Pounds	\$
		064	1	065		066	067
2.Cassava			/10		Roots	Roots	\$
		068	i	089		070	071
3.Com			/10		Pounds	Pounds	\$
		072	1	073		074	075
4. Cucumbers			/10		Pounds	Pounds	
		076	i	077		078	079
5. Giant taro		}	/10		Roots	Roots	\$
		080	1	081		082	083
6. Green beans			/10		Pounds	Pounds	\$
7. Melons (watermelons, honeydews,		084	1	085		086	087
muskmelons, etc.)			/10		Pounds	Pounds	
		088	i	089		090	091
8.Sugarcane			/10		Pounds	Pounds	\$
		092	i i	093		094	095
9. Taro			1 /10		Roots	Roots	\$
		096	i	097		098	099
10. Yams			/10		Roots	Roots	\$
<ol> <li>Other field crops and vegetables (keva, sweetpotatoes, tobacco, etc.) - Specify 7</li> </ol>		100	1	101		102	103
			/10		Pounds	Pounds	\$

### SECTION 3 FRUITS AND NUTS

Do you have any FRUIT and NUT trees or plants on this place — such as bananas, coconuts, mangoes, pineapples, etc.? (Quantity harvested in 1989 and number of trees and plants on enumeration day.)

<sup>003</sup> 1 $\Box$ Yes – Complete this section 2 $\Box$ No – GO to question 14		How many trees or plants are on this place?	What quan was harve in 1989	sted	What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
	None	(a)	(b)		(c)	(d)
	_	120	121		122	123
1.Avocados				Pounds	Pounds	
	_	124	125		126	127
2.Bananas		Clusters	· · ····	Pounds	Pounds	
	_	128	129		130	131
3. Breadfruits				ounds	Pounds	
	_	132	133		134	135
4.Cacao				ounds	Pounds	
		136	137		138	139
5. Coconuts				ounds	Pounds	\$
		140	141		142	
6. Grapefruits		144	145	ounds	Pounds	147
7.Lemons	П	144	1			
7.Lemons		148	149	ounds	Pounds	151
8.Limes	Π	148		ounds	Pounds	1
o.Lines		152	153	rounas	154	165
9. Mangoes		194		ounds	Pounds	1
Ø. Mangoes	-	156	157	ounds	158	159
10. Oranges				Pounds	Pounds	
10. Orangas		160	161	ounds	182	163
11.Papayas				ounds	Pounds	5
	-	164	165	oundo	166	167
<b>12.</b> Pineapples			F	ruits	Fruits	\$
	-	168	169	10110	170	171
<ol> <li>Other fruits, nuts, and tree crops (pandanus, kopak, citrons, coffee, etc.) - Specify -</li> </ol>						
				ounds	Pounds	
				ounds	Founds	1 · · · · · · · · · · · · · · · · · · ·
		-			· · · · · · · · · · · · · · · · · · ·	1
14. How many square feet under cover and/or ac	ras dir		Square feet under cover		Acres Tenths	What was the value of sales in 1989? (Dollars)
TATION WINDLY SUPERAL INCOME COASE SING/OF SC			76	177		178
you have planted in ORNAMENTAL PLANTS	or	P.	/0	1	1	1.1.0

# Form 90-A1(AS)

SECTION 4 LAND USE	_					
Of the total acres in this place (section 1, question 4)			None		:185	Tenths
1. How many acres are in crops?			🗆	201		/10
2. How many acres are in other cropland (cropland pasture, crop failure			~	202		 
and cropland used for soil improvement)?	• • • •		🗆	203		/10
3. How many acres are in other pasture or grazing land? (Include woodla. Do not include cropland pasture.)			🗆			/10
4. How many acres are in other land? (Include houselots, roads, woodland				204		1
not pastured, wasteland, etc.}	• • • • •		🗆	205		/10 1
5.TOTAL LAND (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)			>			/10
SECTION 5 LIVESTOCK AND POULTRY						
		How many	How			vas the
How many of the following livestock and/or poultry are on	None	are on this place today?	were in 19		in 11	989? llars)
this place today or were sold from this place in 1989?	_	(a) 251	(t 252	<u>1}</u>	253	>)
1. Total cattle and calves of all ages ( <i>Total of "a" and "b" below</i> )		254	255		\$ 256	
Of this total, how many are — a. Milk cows					\$	
b. All other cattle and calves		257	258		259 \$	
		260	261		262 \$	
2. Hogs and pigs of all ages	_	263	264		285	
3. Horses, mules, and colts of all ages		268	267		\$ 268	
4. Other livestock – Specify $\frac{1}{7}$	_					
		269	270		271	
5. Chickens 6. Other poultry (ducks, pigeons, guineas,		272	273		\$ 274	
geese, etc.) - Specify 7						
			L		\$	
			r		·	
			What w		What v value c in 19	f sales
		None	in 19		(Dol	lars)
		_	301 (a)		(t 302	»)
7. How many dozens of chicken eggs were sold during 19897	• • • • •	······································	303	Dozens	\$ 304	
8. How many quarts of milk were sold during 1989? SECTION 6 SELECTED EQUIPMENT AND SPECIFIED FACILI			R DI ACI	Quarts	\$	
		USED ON THR	o r cavi	•		
1. How many of the following are on this place? (Include all specified						
equipment on this place today, regardless of ownership, provided it is in operating condition.)				None	Nun	ber
a. Tractors of all kinds					315	
b. Motortrucks					316	
c. Automobiles					317	
	••••		• • • • • • • •	. ⊔	L	
2. Do you have the following on this place?						
a. Electricity	3 	18 1 🗌 Yes	2 🗆 N	0		
b. Piped running water	з 	19 1 🗌 Yes	2 🗆 N	0		
FORM 90-A1(AS) (10-4-89) Page 3		<del></del>				

### Form 90-A1(AS)

OPERATOR CHARACTERISTICS		
2007		
The following questions are about the FARM OPERATOR.		
d. Phanese likes an eliterative dela anno secondo del		
1. Do you live on this place (the acres entered in section 1, question 4)?	°ı∏Yes	2 🗆 No
32		
2. In what year did you begin to operate this place?		
32		
3. How old were you on your last birthday?	Years	old
4. What is your main occupation?	<sup>3</sup> 1 🗌 Agricultural	2 🗋 Nonagricultural
5. OFF-FARM WORK — How many days did the operator 32	* 1 🗆 None	4 🗌 100 – 149 days
work at least 4 hours per day off this place in 1989? (Include work at a nonfarm job, business, or on someone	2 🔲 1 – 49 days	5 🗌 150 – 199 days
else's farm. Exclude exchange farmwork.)	з 🗌 50 — 99 days	6 🗌 200 days or more
ECTION 8 ENUMERATOR'S RECORD (To be complet	ed by the Census enur	nerator)
32	<sup>5</sup> (1□ Operator	4 🔲 Hired laborer
1. Who furnished the information in this report?	2 Landlord	$5 \square \text{ Other} - Specify}_{7}$
·	3 Wife or member of	the
	operator's family	
2. Remarks (make any remarks needed in regard to the place, the ow	ner or operator, the crops o	ultivated.
or the livestock on this place.)		
- <u></u>	· <u> </u>	
		······
- <u></u>		
		· · · · · · · · · · · · · · · · · · ·
······································		
- <u></u>		<u></u>
NUMERATOR: Ask at the completion of this questionnaire — "B In this household have 15 or more poultry (chi (cattle, hogs, goats, etc.); a combined total of vegetables harvested for sale during 1989?"	ckens, ducks, guineas, e	tc.); 5 or more livestock
If "No," END INTERVIEW		
If "No," END INTERVIEW If "Yes," enter note in "Remarks" section and co	mplete another Agriculture	report form for the other person.
If "Yes," enter note in "Remarks" section and co	mplete another Agriculture	
If "Yes," enter note in "Remarks" section and co	mplete another Agriculture	report form for the other person.
	mplete another Agriculture	1331 Date
If ''Yes,'' enter note in ''Remarks'' section and co 3. Certified by enumerator	mplete enother Agriculture	331 Date
If ''Yes, '' enter note in ''Remarks'' section and co B. Certified by enumerator	mplete another Agriculture	1331 Date
If "Yes," enter note in "Remarks" section and co	mplete another Agriculture	331 Date

# 1988 Census of Horticultural Specialties, Report Form 88-A19.1

FORM 88-A1 (12-21-88)	19.1	U.S. DEPART	MENT OF COMMERCE BUREAU OF THE CENSUS	copies reta	Your report ained in your	files are immune fr	or purposes of taxa om legal process.	ation, investigat	g to titi ees an ion, or	Approval No. 0607 0539 e 13, U.S. Code. Yo d may be used only regulation. The law	ur report to the for statistical also provides that
G OUTD PROD	F HORT	IALTIE SE PRODU VN FLORIC RSERY PR	JRAL S ICTS, SULTURAL ODUCTS,	In coffes	wnœen¢ë pi	rreining to this fe	μυτ, piease rofe	r w me i I-digi	ι <b>υθη</b>	File Number (C	· •••7.
COMPLETE RETURN TO		Bureau of the ( 1201 East Ten Jeffersonville,									
0013	0014	0015	0016								
0017	0018	0019	0020			(Please cor	rect anγ errors <u>in r</u>	ame address a	and ZIF	Code	
	IMP	ORTANT	– Please re	ad the ii	nstructi						
ope — Ir c v li – R p s	ration. n sections 1 th code for plant(s value of sales a ine and column Report ALL UNI plug seedlings, section 7.	rough 7, enter ) produced for t the total and FINISHED PLA prefinished pla	the plant name a sale. Report the wholesale levels NT MATERIAL (i ants, tissue cultu	and corresp number so in the app i.e., cutting ired plantle	old and ropriate s, liners, ts) in	horticult • Exclude than 4 v • If you di were idi complet • Refer to if more s	ural operations plants purchas veeks for resale d not operate a e in 1988, brie e section 19. the Informatio space is needed	s. ed from othe e. horticultura fly explain in n Sheet for a d, list additio	ers bu l oper secti additional pl	e sections pertain at grown by you ration or all of yo on 18 your situe onal reporting in ants on a separa	for less our facilities ation and structions.
2 🗆	by type of annuals in :	action 2. his part by enter container (i.e., p saction 2. Repor	ring the plant nami rots by size, hangir rt unfinished plant section 7. If more s	ng baskets). material (pre	Report ger finished pl	aniums and other ants, cuttings, lin	outdoor potted lers, plug seedlin a separate sheet	blooming Igs, tissue	les 	Wholesal	e sales only
					T	pe of container	Number of containers sold	Dollars on	y	Number of containers sold	Dollars only
	Plant nar	ne		Code		under 5 inches 5 inches or over	4	\$ 5	00.	6	.0
		-			Han	ging baskets		9 5	.00	10 <u>s</u>	
	Plant nar	ne		Code	Pote	under 5 inches	4	<u>\$</u>	.00	5 ····································	
					Pote	5 inches or over	8	<u>s</u>	.00	10	.0
					Han	ging baskets		s	.00	2	0
	Plant nar	ne		Code	Pote	under 5 inches	4	\$	.00	6	
L					Pots	5 inches or over	8	<u>s</u>	.00	10	0
				<u></u>	Han	ging baskets		\$	.00		c
	Plant nar	18		Code		under 5 inches	4	\$	.00	6 .	
L			[		Pots	5 inches or over	8	\$	.00		<u>. 0</u>
		· · · · · · · · · · · · · · · · · · ·		Cada		ging baskets		\$	.00	2	.0
	Plant nan			Code		under 5 inches	4	\$	.00	ŧ.	0
L				]		5 inches or over	8	\$	.00	10 ·	
	Diz - + -			Code		ging baskets		<u>*</u>	.00	2	0
	Plant nam		[	Code		under 5 inches	· · ·	7	.00	6	0
L			[			5 inches or over	8	2	.00	ŧ.	0
					Han	jing baskets		s	.00	2	.0
	Plant nan	n <del>o</del>	[	Code	Pots	under 5 inches	a	. – –	00	·	0
					Pots	5 inches or over	8	s 	.00	. · · ·	0
PLANT NAN	AE	CODE	PLANT NAME		Han	ing baskets	Ļ	s CODE	.00	s T NAME	0
African viole Anthurium Azalea (finis) Begonia Chrysanther <i>chrysanthe</i>	ne t (Seintpaulia) hed florist showing num (Report hardy mums in section flowers in section	0021 2642 color) 0033 0045 //garden 2.) 0057	PLANT NAME Cyclamen Gerbera daisy* Gloxinia Hibiscus Hydrangea Kałanchoe	· · · · · · · · · · · · · · · · · · ·	0088 0081 0093 0105 0117	Lily, Easter* Lily, other* Orchid* Poinsettia Potted floweri	ng spring bulbs*	0141	Rose*	potted flowering pl	ents –

Vez I YES – Complete part A be 2 NO – Go to section 3. Part A – Complete this part by endoted of container (i.e., flats, section 11. Report unfinmer space is needed).	ntering the plant i pots by size, han nished plant mate	ging baskets rial (plug see	). Report ve Idlings, cut	egetable transplants fo	r commercial tru	ck crop productio	n in	
SPECIAL INSTRUCT				Report in 11'' X 22'' f	lats or specify o	her flat size –		
···					Tot	al sales		ale sales only
				Type of container	Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name		Code		Flats	ļ	s		\$ 7
				Pots less than 5 inches		s .C		\$ 11
			i	Pots 5 inches or more	<b>↓</b> ,	s	0	s
				Hanging baskets	·	s	0	\$
Plant name		Code		Flats		s i.C		\$
				Pots less than 5 inches		s		\$
	L			Pots 5 inches or more		s	0	\$ 1
				Hanging baskets		s		\$
Plant name		Code		Flats		s 1.0	6	\$ 1
				Pots less than 5 inches	<u> </u>	s .0	0	\$
	(			Pots 5 inches or more		\$ .0 13	0	\$ 15
				Hanging baskets		\$ .0		\$ 3
Plant name		Code		Flats		\$ .0		\$ 7
				Pots less than 5 inches		s .0	0	\$
				Pots 5 inches or more		s .0		\$
				Hanging baskets		s .0		\$
Plant name		Code		Flats		\$ .0	6	\$
				Pots less than 5 inches	8	s .0		s
				Pots 5 inches or more		\$0	0	\$ 15 1
				Hanging baskets		s .0		3
Plant name		Code		Flats	4	\$ .0		\$
				Pots less than 5 inches		s .0	10	\$ I
				Pots 5 inches or more	+	s .0		\$
				Hanging baskets		s i.0	2	\$
Plant name		Code		Flats	4	s .0		\$
				Pots less than 5 inches	8	\$	10	\$ 1
				Pots 5 inches or more		\$ .0 3		\$ 1
				Hanging baskets		s <u> </u>		\$ 3
Plant name		Code		Flats	4	s0		\$ 7
				Pots less than 5 inches	8	\$ .0		s 1
	L		l	Pots 5 inches or more		\$ .0 3 1		\$
			<u>-</u> .	Hanging baskets		s0		\$
Plant name		Code		Flats	4 5	\$		\$
				Pots less than 5 inches		.0		\$ 1
	J L		اـ	Pots 5 inches or more		3 .0	1	\$   15 }
				Hanging baskets		.0	1	\$ 1
sum	INT NAME	0369 0385 0401	Impatiens, Marigold Pansy Perennials	New Guinea         0449           other         0465	Rose, potted g Salvia Snapdragon . Verbena Vinca (Cathari	arden 056 	type bedding p Broccoli, cabba cauliflower, a other crucifer Pepper, sweet Tomato	age, nd rs06 or hot06 06

\* Report vinca vine (V. major) and vinca groundcover (V. minor) in section 5.

Form	88-A19.1	
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			Turne of court-		otal sales		1 1	lesale sales only	
			Type of container	Number of containers sold	Dollars on	iίγ	Number of containers sold	Dollars on	
~ .			Flats		\$	.00	2	\$	
Plant name		Code	Pots less than 5 inches	4	5 \$	.00	6	7 \$	
			Pots 5 inches or more	8	9	.00		11	
				12	13	i	14	15	
			Hanging baskets		\$1	00.		\$ 3	
Plant name		Code	Flats	4	\$	1.00	6	\$7	
			Pots less than 5 inches	8	\$9	1.00		\$	
<u></u>			Pots 5 inches or more	12	\$	00.		\$	
			Hanging baskets	_	\$	.00		\$	
			Flats		s	.00		\$	
Plant name		Code	Pots less than 5 inches	4	\$	.00	6	, \$	
			Pots 5 inches or more	8	9	.00		s	
				12	13	1	14	15	
			Hanging baskets		\$	.00	2		
Plant name		Code	Flats	4	\$ 5	.00	6	\$	
			Pots less than 5 inches	.8	\$	.00		s	
	·····		Pots 5 inches or more	12	\$	00.		\$	
			Hanging baskets		\$	.00		s	
<b>N</b> .			Flats		\$	.00	2	<u>\$</u>	
Plant name		Code	Pots less than 5 inches	4	\$	.00	6	\$	
			Pots 5 inches or more	8	9	.00	10		
				12	13		14	· · · · · · · · · · · · · · · · · · ·	
<u> </u>			Hanging baskets		1	00.	2	4	
Plant name	c	ode	Flats	4	5	00. 1	6	s	
			Pots less than 5 inches	8	\$	.00	10	÷	
	] L		Pots 5 inches or more	12	\$	.00	14	<u>.</u>	
			Hanging baskets		s	.00		3	
Plant name	r	ode	Flats		\$	.00		s	
		.040	Pots less than 5 inches	4	5 \$	.00	6		
			Pots 5 inches or more	8	9 \$	.00	10		
			Hanging baskets	12	13 S	.00	14	· · · —	
							2		
Plant name	<u></u>	ode	Flats	4	\$ 5	.00	6	·	
			Pots less than 5 inches	8	\$ 9	.00			
	L		Pots 5 inches or more	12	\$	.00	14		
			Hanging baskets		\$	.00	<u> </u>	<u>.</u>	
Plant name	<u></u>	ode	Flats		\$	.00		<u>.                                    </u>	
			Pots less than 5 inches	4	5 S	.00	6		
			Pots 5 inches or more		9 \$	.00	:0		
				12			14		
			Hanging baskets	· · · · · · · · · · · · · · · · · · ·		.00	2	······································	
Plant name		ode	Flats	4	\$5	.00	<del>6</del>	~- ·	
			Pots less than 5 inches	8	ş	.00	10		
	└	١	Pots 5 inches or more		\$	.00	14		
		<u> </u>	Hanging baskets		\$	.00			
		ODE PLANT N				CODE	PLANT NAME type bedding pl	ants C	
mFi	usty Miller0 uchsia0	385 Impatiens	, New Guinea 0449 , other 0465	Salvia	garden	0577	Broccoli, cabba cauliflower, ar	ge, nd	
inthemum, G	azania0 eranium, grown from cuttings0	Pansy		Verbana		0609	Other cruciter Pepper, sweet of Tomato	s0 orhot0	

FORM 88-A19.1 (12-21-88)

SECTION 3 Were there any CUT FLOWERS grown for sale on this <sup>0003</sup> 1 YES - Complete part A below.	s place in 19887	?					<u> </u>
<ul> <li>2 NO - Go to section 4.</li> <li>Part A - Complete this part by entering the plant name and code from the lis specified in parentheses for each plant type in the plant list. Report cultured plantlets, plug seedlings, etc. in section 7. It more spece.</li> </ul>	st below. Report th t unfinished plant n	e number sold in naterial (cuttings,	the unit liners, tissu	e _			
cultured plantiets, plug seedlings, etc.) in section 7. If more space	is needed, list addr	tional plants on a	separate she	HOT.			
		To Number	tal sales			ale sales only	¥
		of units	Dollars	onty	Number of units	Dollars o	oniy
Plant name	Code		. 1		2	3	1
·			\$	.00		3	.00
Piant name	Code		1	1	2	3	
							1
Plant name	Code		\$	1.00	2	\$	1.00
	0000			:		:	1
			\$	.00		s	.00
Plant name	Code		1	1	2	3	
			s	:00			.00
Plant name	Code	1	1		2	3	
							1
			\$	.00	,	\$	00.
Plant name	Code						1
			s	.00		s	.00
Plant name	Code		1		2	3	
							i i
Plant name	Code		\$	.00	2	\$	00.1
	Code						1
			\$	.00		\$	.00
Plant name	Code		1		2	3	1
							1
Plant name	Code	<u>+</u>	1	.00		\$	00.
Horizont	0000						1
			\$	.00		\$	.00
Plant name	Code		-				1
			\$	.00		s	.00
Plant name	Code		1	2		3	1.00
			\$	.00		\$ 3	.00
Plant name	Code						
			\$	.00		s	1.00
Plant name	Code		1	2	1	3	Ĩ
						ļ	
	Certi	1	<b>&gt;</b> 1	.00		\$ 3	.00
Plant name	Code						
			\$	.00		\$	.00
Plant name	Code		F.			3	
			s	.00		s	.00
Plant name	Code		1	2		3	
	}					ļ	
	}		\$	.00		\$ 3	.00
Plant name	Code						1
			\$	.00		\$	.00
PLANT NAME CODE PLANT NAME CO	DE PLANT NAM	E	CODE		NAME - LEI F	LOWERS	CODE
Alstroemeria (stems)	55 conditolium i	(blooms)	0825	Carnatio	n, (heads)		0869 0873
Aster (blooms)	B1 Protea, other B5 Rose hybrid	(blooms)	0829	(bloom	dendrobium (b Vanda-Miss Jo: s)		0877 0881
Carnation, standard (blooms) 0737 Gypsopnila (bunches)		spikes)	0841	Plumeria Tuberos	strands) (blooms) e (blooms)		0881 0885 0889
Chrysanthemum, pompon Orchid, cymbidium (blooms) 080	05 Stephanotis ( 09 Stock (stems)	blooms)	0849	Other lei	flowers ~ v variety and u		0893
(bunches)         0749         Orchid, dendrobium** (sprays)         08           Daffodil/Narcissus (blooms)         0753         Orchid, oncidium (sprays)         08           Daisy, marguerite (blooms)         0757         Orchid, other** (blooms)         08	17 Zinnia (bioon 21 Other cut flow	1)	0861				
*Report heads separately under lei flowers (code 0869).	Specify vari	ety and unit	0865				
*Report heads separately under lei flowers (code UBB9). **Report blooms for lei flowers separately under appropriate lei flower code (code 0873 or i	0877).						

FORM 88 A19 1 (12 21 88)

is needed, list additional plants on a separate sheet. Plant name Code		·····		
Plant nameCode		9) 69 66 6	Wholees	le sales only
Plant name Code	Number	ai sales Dollars only	Number	Dollars only
Plant nameCode	of units	1	of units	<u>.                                    </u>
				8 I †
		s .00		\$ <u>1</u>
Plant name Code		' I I	2	) <u> </u>
				1
	+	s .00	2 1	s
Plant name Code				1
		s		۱ ۹ <u>ا</u>
Plant name Code		·	<i>t</i> [3	2     
	!	i i		1
	İ	s .00	,+	ş
Plant name Code				-
		s <u></u> 00	!,	<u> </u>
Plant nameCode	. –		,	- 1
		s .00	2 13	
Plant name Code		1		a
		s00		ş
Plant name Code		· · · · · · · · · · · · · · · · · · ·	2	s
			:	ţ
		\$ .00		<u>.</u>
Plant name Code				
		s .00		\$
Plant name Code			2	· · ·
	,			i I
		s .00	<del>,</del> <del>;</del>	s
Plant name Code				
		\$ .00		1 1
Plant name Code				
	,	.00	<u> </u>	۱ ــــ
Plant name Code				
		s .00		د ۱
Plant name Code		,	•	
		1		i
	+	s .00	<u> </u>	\$ 
Plant name Code				;
		s .00		s
Plant name Code		· · · · · · · · · · · · · · · · · · ·		
	•	1		1
	+	s .00	<del>,</del> :	ا  . ا
Plant name Code				
		s .00		\$
Plant name Code			· · · ·	· 4
	•	1		1
		s .00	•'	\$ . <u>+</u>
Plant name Code				
		s .00		s
Plant nameCode			1	* <u>.</u> + • 1
		\$ .00	i	·
NAME         CODE         PLANT NAME         CODE         PLANT NAME           gus (bunches)         0897         Cordyline/Ti (stems)         0909         Huckleberry/Sei	al (bunches) s (bunches) ferns (bunches) .	CODE PLANT 0921 Pittospo 0925 Smilax	NAME	CC 

FORM 88 A19 1 (12 21 88)

SECTION 5 Were there at	ny NURSERY PLANTS grown	for sale	on this place	in 198	8?					_
0005 1 🗆 YES – Complete part										
2 NO – Go to section	<i>6</i> .									
Part A - Complete this part	t by entering the plant name and co	de from th	e list below. Re	port the n	umber of plar	ts and value				
of sales for each p cultured plantlets,	lant type that was grown for sale. F etc.) in section 7. Also, report plan	Report unfi nt material	nished plant m to be grown on	aterial (lin by others	ers, cuttings,	tissue				
material in section	7. If more space is needed, list add	litional plar	nts on a separat	te sheet.						
								14/6 -1-		
				-	Number	sales		Number	sale sales	
					of plants	Dollars o	nly	of plants	Dolu	ars only
Р	lant name		Code			1	1	2	3	i
							1			
			L			3	.00	2	\$	.00
P	lant name		Code				-			1
[						s	1.00		s	1.00
р Р	lant name		Code			1	1	2	3	
			[				1			1
			L			s	.00		\$	.00
Р	lant name		Code	_		1	1	2	3	1
						l				
			L			<u>.</u>	.00	·····	15	.00
P	lant name		Code					2	3	
										1
	·					1	.00	2	3	1.00
P	lant name		Code							1
L						\$	.00		l s	.00
P	lant name		Code			1		2	3	1
						1				1
						\$	.00		ş	.00
P	lant name		Code	_		1	1	2	3	1
							1			1
						+	00.	2	\$	1.00
P	lant name		Code	— I			i			Ì
						s	.00			.00
P	lant name		Code				1.00	2	3	
			L			\$	.00		\$	.00
Р	lant name		Code	_		1		2		
						t .				1
			· · · ·			5	.00	2		.00
P	lant name		Code				i I			i
						i e	.00		i e	.00
p	lant name		Code			, ,	1.00	2	<u>†</u> 3	
		7		$\neg$		:				1
L			L			\$	.00		\$	.00
PI	lant name		Code			1	-	2	3	1
							-			5 1
						\$	.00		\$	.00
DECIDUOUS CODE	DECIDUOUS CODE	BROAD-	IFAF	CODE	OTHER		CODE	FRUIT AND	NUT	CODE
SHADE TREES	FLOWERING TREES	EVERGR	EENS		ENVIRONN		0001	PLANTS		0011
Ash	Amelanchier	Euonymu	us	1037	Deciduous : (except ro	ses)	1081	Citrus and s fruit trees Deciduous 1		1105
Linden	Crabapple 0997 Dogwood 1001 Flowering cherry 1005	Pittospor	rum	1045	Hoses	•••••	. 1089	nut trees Grapevines		1109
Red maple	Flowering plum	Other bri evergre	ndron oad-leaf ens — Specify .	. 1053	Other herba	ceous plants as, peonies,		Small fruit p (strawberr	vlants V,	
River birch	Hawthorne	NARRO	W-LEAF	CODE	daylillies, Other enviro	irises)* mmentals –	1097	blueberry, Other fruit a	etc.) and nut	1117
Sweet gum	Saucer magnolia 1025 Other deciduous flowering trees - Specify 1029	EVERGR	EENS	1057	Specify .		. 1101	trees – S	pecify	1121
trees - opecity UB45	trees - Specity 1029	Pine		1061						
		Yew	rrow-leaf	1069						
		evergre	ens - Specify .	1073						
*Report flowering and vegetable bed	aing plents in section 2.									
						-			_	
Part B - How many of the n	ursery produced plants (ornamenta	al plants, fi	ruit and nut tree	98,	None	Number sole	Total	Sales	Wholes	sale sales
	nall fruit plants) reported in part A a				_	1125	1126		1127	·····
1. Field grown plants (bare root,	, balled and burlapped, balled and p	potted)			🖸	1128	\$	.00	) \$ 1130	.00
2. Container grown plants							\$	.00	) \$	.00
2 Other - Secrify						1131	1132		1133	1 00
3. Other Specify			Page 6		<u> </u>	L	\$	;.00	) s	.00
			10960							

sales for each plant type that was brown for sale. Report unlinished of	lant material to be ono	wn on by athers	as prefinisher			
A — Complete this part by entering the plant name and code from the list b sales for each plant type that was grown for sale. Report unfinished pl plant material in aection 7. If more space is needed, list additional plan	te on a separate sheet		tal sales	_	Wholes	ale sales on
	Type of container	Number of containers sold	Dollars only	,	Number of containers sold	Dollars
	<b>.</b>		1	-	2	3
	Pots under 4 inches	•	5	.00 [	6	\$
	Pots 4 to 7 inches	8	\$ 9	.00	10	\$
Plant name Code	Pots 8 to 13 inches	12	\$ 13	.00	14	\$ 15
	Pota 14 to 22 inches	16	\$ 17	.00	18	\$
	Pots over 22 inches	20	\$	.00		\$
F	Hanging backets under 8 Inches	24	\$	.00		\$
	Hanging baskets 8 Inchès or more		25 \$	.00		27 \$
	Pots under 4 inches		1 \$	.00		3 \$
	Pots 4 to 7 inches	4	5	.00	·	7 \$
	Pots 8 to 13 inches	8	9	.00		11 \$
	·····	12	13		14	15
	Pots 14 to 22 inches	16	17	.00	18	\$ 19
F	Pots over 22 inches Hanging baskets under 8 inches	20	\$ 21	.00		\$ 23
P		24	\$	.00		\$ 27
	Hanging baskets 8 inches or more		\$1	.00		\$3
	Pots under 4 inches		\$ 5	.00	<u>в</u>	\$
	Pots 4 to 7 inches		\$	.00		\$
Plant name Code	Pots 8 to 13 inches	a	\$	.00		\$
	Pots 14 to 22 inches	12	13 \$	.00		15 \$
	Pots over 22 inches	16	17   \$	.00		19 \$
	Hanging baskets under 8 inches	20	21 I	.00		23 \$
F I	Hanging baskets 8 inches or more	24	25   \$	.00	26	27 \$
			1		2	3
ľ	Pots under 4 inches	4	\$ I 5 I	.00		\$ 7
1	Pots 4 to 7 inches	8	\$ i 9 l	.00		\$ 17
Plant name Code	Pots 8 to 13 inches	12	\$	.00		\$
	Pots 14 to 22 inches	16	\$ 17	.00		\$
	Pots over 22 inches	20	\$ 1	.00		\$
	Hanging baskets under 8 inches	24	\$ 1	.00		s
	Hanging baskets 8 inches or more	24	25 I \$ I	.00		27 \$
	Pots under 4 inches		\$ I	.00		3 \$
	Pots 4 to 7 inches	4	5 i \$	.00	6	7 \$
	Pots 8 to 13 inches	8	9 1 9 1	.00	10	s
	Pots 14 to 22 inches	12	* 13 \$	-	14	s
[]		16	17 1	.00	18	• 9
F	Pots over 22 inches Hanging baskets	20	\$   21	.00		s 73
F	Hanging baskets under 8 inches Hanging baskets	24	\$ 25	.00		<u>\$</u>
	B inches or more		\$ 1	.00		s
Į	Pots under 4 inches	4	\$	.00		\$
1	Pots 4 to 7 inches		\$   	.00		5
Plant name Code f	Pots 8 to 13 inches		\$	.00	10	·
	Pots 14 to 22 inches			.00		\$
	Pots over 22 inches	16	17 I \$ I	.00		s
F	fanging baskets Inder 8 inches	20	\$		22	\$
F	langing baskets 3 inches or more		25	1	26	27
ME CODE PLANT NAME CODE	PLANT NA		\$ CODE	.00	PLANT NAME	\$
	Paims .	on (Brassais and/	1358		Spathiphyllum . Syngonium (Nep Other foliage plan	

¥

		Type of container	10 Number of	tal sales		ale sales only	
			containers sold	Dollars only	Number of containers sold	Dollars on	niy 
		Pots under 4 inches			0	\$	
		Pots 4 to 7 inches	4	s		7 \$	_ <u> </u>
Plant name	Code	Pots 8 to 13 inches	8	9 i \$ i.(	10	11 5	1
	]	Pots 14 to 22 inches	12	13	14	15 \$	-+:   
			16	17	18	19	+
		Pots over 22 inches Hanging baskets under 8 inches	20	21	1	\$ 23	
		under 8 inches Hanging baskets	24	\$  .( 25	26	\$ 27	1.
		8 inches or more		\$(	2	\$	<u>-1</u> .
		Pots under 4 inches	4	\$(	00	\$	_ <u>+</u> .
		Pots 4 to 7 inches		s	0	s	÷
Plant name	Code	Pots 8 to 13 inches	8	9 \$(	10	1 1 \$	1
		Pots 14 to 22 inches	12	13 \$ 1.(	14	15 \$	1
			16	17	18	19	1
		Pots over 22 inches Hanging baskets under 8 inches	20	21		\$	-1-
		under 8 inches Hanging baskets	24	\$ <u>.(</u> 25	26	\$	÷
<b>_</b>	·	8 inches or more	ļ	\$	2	\$ 3	<u>_</u>
		Pots under 4 inches	4	\$	0	\$	-+-
		Pots 4 to 7 inches	8	s	10	\$	-
Plant name	Code	Pots 8 to 13 inches			10	11 \$	1
		Pots 14 to 22 inches	12	13 \$ .(	20	15 \$	
		Pots over 22 inches	16	17 \$(	18	19 \$	1
		Hanging baskets under 8 inches	20	21	22	23	Ī
		Hanging baskets	24	25	26	27	<u>-i</u> ·
		8 inches or more		\$	2	\$ 3	-+-
		Pots under 4 inches	4	\$	6	\$	
		Pots 4 to 7 inches	8	\$(	10	\$	
Plant name	Code	Pots 8 to 13 inches			0	\$	1
		Pots 14 to 22 inches	12	13   \$L.C	0	15 \$	1
		Pots over 22 inches	16	17 I \$ I.(	18	19	Ì
		Hanging baskets under 8 inches	20	21		23 S	1
		Hanging baskets	24	25	26	27	ì
		8 inches or more		\$ 1.0	2	3	÷
		Pots under 4 inches	4	\$ <u>i.C</u> 5 I	6	\$	÷
		Pots 4 to 7 inches	8	\$C	10	\$	-i
Plant name	Code	Pots 8 to 13 inches	12		10	\$	j.
		Pots 14 to 22 inches			0	15 \$	    -
		Pots over 22 inches	16	17 \$(	18	19	i,
		Hanging baskets under 8 inches	20	\$ 1.0	0 <sup>22</sup>	2 3	1
		Hanging baskets 8 inches or more	24	25	26	27	1
		8 Inches or more		\$ 1.0	2	3	1
		Pots under 4 inches	4	s	Q 6	\$7	
		Pots 4 to 7 inches	8	sC	10	s	-1-
Plant name	Code	Pots 8 to 13 inches	12		0	\$	-+•
		Pots 14 to 22 inches		s,C	0	\$	i i
•		Pots over 22 inches	16	17 \$ i.C	18	19	1
		Hanging baskets under 8 inches	20	21	22	23	1
		Hanging baskets	24	\$C	26	\$	1
		8 inches or more	L	\$C	0	\$	<u>.</u>
ANT NAME CODE PLANT NAME	CODE	PLANT N	ME	CODE	PLANT NAME		со
lassama 1124 Enincompum /P	<sup>2</sup> othos)		on (Brassaia and/	1358	Spathiphyllum		14

_	
	SECTION 7 Were any INFINISHED PLANT MATERIALS (For example suffinge linere plug seedlinge tissue
	SECTION 7 Were any UNFINISHED PLANT MATERIALS (For example, cuttings, liners, plug seedlings, tissue
£	cultured plantiets, prefinished plants, etc.) grown/produced for sale on this place in 1988? (Exclude
4	
	material for your own use.)
Ł	material for your own are.)

0007 1 YES — Complete this section by entering the plant name and code from the list below. Report the number sold and the value of sales by type of unfinished plant material. Also, report plant material sold to others for further growing on as prefinished plants. If more space is needed, list additional plants on a separate sheet.

		T	otal sales	Wholes	ale sales only
	Type of unfinished plant material	Number sold	Dollars only	Number sold	Dollars only
	Cuttings		\$ .00	2	\$ .01
Plant name Code	Liners	4	\$ .00	6	7 \$01
	Plug seedlings	8	\$ .00	10	\$ .01
I	Prefinished plants	12	13 \$ .00	14	15 \$ .0
		16	\$ .00	18	19 \$ 1.00
	Tissue cultured plantlets		1	2	3
·	Cuttings	4	\$ 1.00	6	\$ }.0 7
Plant name Code	Liners	8	\$ <u>00</u>	10	\$ <u> .0</u>
	Plug seedlings	12	\$ .00	14	\$ .01
	Prefinished plants	16	\$ .00	18	\$ .0
	Tissue cultured plantlets		\$ .00	2	\$
	Cuttings		\$ .00		\$ 1.00
Plant name Code	Liners		s00		\$ 1.0
	Plug seedlings	8	\$ .00	10	s .0
	Prefinished plants	-2	\$ .00	14	\$0
	Tissue cultured plantlets	16	s .00	18	s .00
	Cuttings		;	2	3
Plant name Code		4	5	1	7
	Liners	8	s <u>.00</u>		s <u>.0</u>
	Plug seedlings	12	\$ .00 13 I	14	s 15
	Prefinished plants	16	\$ .00	18	\$ .01
	Tissue cultured plantlets		s .00	2	\$ .01 3
	Cuttings	4	\$ .00	6	\$ 1.0
Plant name Code	Liners		\$ 1.00		\$ <u>1.0</u>
	Plug seedlings		۹ \$\$.00		\$ .0
	Prefinished plants	12	\$ .00	14	\$ .0
	Tissue cultured plantlets	16	s 1.00	18	\$ <sup>1</sup> .0
	Cuttings		\$ 1.00		\$ .01
Plant name Code		4	5		7
	Liners	8	9		31 1
[	Plug seedlings	12	\$ .00		\$01
	Prefinished plants	16	\$ .00	18	\$0
	Tissue cultured plantlets		\$ .00		\$ .01 3
	Cuttings	4	\$ 1.00		s
Plant name Code	Liners	8	\$ .00		\$ .00
	Plug seedlings		s00		\$1.01
·	Prefinished plants	12 .	\$.00	14	s
	Tissue cultured plantlets	16	\$ .00	18	\$ .0
owering         Carden         Cut //           frican violet         Chrysanthemum, hardy/         Carn           (Saintpaulia)         1526         garden         1746           anders anthemum         1566         garden         1746           anders anthemum         1566         garden         1746           anders data         1656         garden         1746           anders data         1666         Impatiens, New Guinea         1786         Orch           alanchoe         1626         Rose         1806         Orch         Other bedding/garden         Orch           sinsettia         1666         plants         Specify         1826         Rose         Rose           orse ther potted flowering         1686         Other bedding/garden         Other         Rose         Rose	NT NAME - CODE Tower tion, standard 1846 santhemum, standard 1866 santhemum, nompon. 1886 ore daisy	Broad-leaf Citrus and Deciduous and nut to Deciduous Deciduous Herbaceous Narrow-lea evergreen Roses	ME - Nursery CODE avergreens	Ficus Palms Philodendron Schefflera (Bra and/or Schef Spathiphyllum	2266 2306 Pothos) 2326 2346 2366 2386 2386 2386 2386

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SECTION 8 Was SOD grown for sale on this place	e in 1988?															
$0008 \ T \Box YES - Complete this section.$						Vi	alue of	gros	s sales in 1988							
2 NO – Go to section 9.				cres harve	· · · · · · · · · · · · · · · · · · ·		(	Dolla	rs only)	-						
			Who 2506	ole acres	Tenths	2507		1	Wholesale sales 2508	3						
1. Sod grown for sale		<u></u>			/10	\$		.00	\$	1.00						
SECTION 9 Were any DRIED BULBS, CORMS, R USED FOR FORCING) grown for sale	HIZOMES, OR T on this place in	UBERS (* 1988?	TO BE													
			A	cres harv	ested	Va	lue of	gros	s sales in 1988 rs only)							
0009 1 YES — Complete this section. Report finished for in appropriate sections 1 and/or 3.	cea products		Whe	ole acres	Tenths	Totu		Dona	Wholesale sales							
$_2\square$ NO $-$ Go to section 10.			2509		1	2510		1	2511	1						
1. Dried bulbs, corms, rhizomes, or tubers grown for sale					/10	\$		i.00	\$	.00						
this place in 1988? — See information			- 1			1										
$\begin{array}{c} 0010  1 \square  \text{YES}  -  Complete \ this \ section. \\ 2 \square  \text{NO}  -  \text{Go to section 11.} \end{array}$		Pounds		Bed	area	Vi	alue of (	gros Dolla	is sales in 1988 Irs only)							
	1	produced			re feet)	Tota	al I		Wholesale sales	5						
1. Cultivated mushrooms	2512		2	513		2514 \$		.00	\$							
SECTION 11 Were any GREENHOUSE PRODUCE TRUCK CROP PRODUCTION OR VE	D VEGETABLES	, VEGET	BLE 1	RANS	PLANTS	FOR COMM	ERCI	AL								
oo11 1 YES - Complete parts A, B, and C below. Report 2 NO - Go to section 12. Part A GREENHOUSE PRODUCED VEGETABLES -		lants in sec	tion 2.			-										
Enter the information below. Report bedding vegetable plants in section 2. If more spece i needed, list additional plants on a separate	ı															
sheet.	Square feet	under olese	or other			Value o	f gros (Dolla	s sale	es in 1988 http://www.accord.com/							
	Square feet protecti	on used in 1	988			Totel	120110	T	Wholesale sales							
1. Cucumbers.	2516				2517 \$			2518 \$	1	1.00						
2. Lettuce	2519				2520 \$			2521		1.00						
	2522				2523 \$		.00	2524		1.00						
3. Peppers	2525				2526			2527	1	1						
<ul> <li>4. Tomatoes</li> <li>5. Other greenhouse produced vegetables − Specify →</li> </ul>	2528				\$ 2529		1.00	\$ 2530	,	1.00						
			_		\$		1.00	\$		1.00						
Part B VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP	r				1	Value	fares		es in 1988							
PRODUCTION — Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list	Area	used in 198				Value u	(Dolla	rs or	nly)							
additional plants on a separate sheet.	Square feet under glass or other		s in the c		-	Total		Wholesale sales								
None	protection 2531	2532 2533		2532 2533 1								1	2534		n	
1. Broccoli, cabbage, cauliflower, and other crucifers	2535	2536		/10	\$	.00		\$		<u> .oc</u>						
2. Peppers, sweet or hot	2539	2540		/10	1		.00			.00						
3. Tomatoes				/10	\$					l.oc						
4. Other vegetable transplants for commercial truck crop production — Specify 7	2543	2544			2545			2546								
				/10	\$		¦.00			1.00						
Part C VEGETABLE SEEDS Enter the information below.	Area	used in 198	88			Value o	f gros (Dolla	s sale rs on	es in 1988 hty)							
	Square feet under glass or other		s in the c	· · · · ·	-	Total			Wholesale sales							
	protection 2547	Whole a 2548	icres	Tenths	2549			2550		1						
1. Vegetable seeds				/10	\$		i .00	\$		i.00						
SECTION 12 Were any FLOWER SEEDS produced	Acres grov		9991			Va	lue of	gros	s sales in 1988							
2 NO - Go to section 13.		Tenths	(Pour	Product nds of cle	ion an seed)	Tote		Dolla	wholesale sales							
	2551		2552			2553		1	2554	T						
1. Alyssum	2555	/10	2556			\$ 2557		00.	2558	1.00						
2. Delphinium	2559	/10	2560			\$		.00	\$ 2562	1.00						
3. Marigold	2563	/10	2564			\$ 2565		.00	\$ 2566	.00						
4. Nasturtium	2567	/10	2568			\$		.00		1.00						
5. Petunia	2571	/10				\$		.00	\$	1.00						
6. Stock		/10	2572			\$		.00		1.00						
7. Sweet pea	2575	/10	2576			\$		.00	\$	1.00						
8. Verbena	2579	/10	2580			2581 \$		.00	2582	1.00						
9. All other flower seeds - Specify 7	2583		2584			2585			2586	1.00						
Ω		/10				\$		.00	\$							

	TUKES, EQUIPM	ENT, AND IRRIGAT	TION		1	Do	liars only
What is your best estimate of the rented by this business on Decen	current market value	of land and buildings ov	wned and/or			2587 \$	1 1
. What is the estimated market val	ue of all machinery an	d equipment usually key	pt on this			2588	
place and used for the horticultu I. Did you have land area covered by	-				•••••	\$	.0
2589 1 YES - Complete items		eport area only once. In	clude aisles, walkways	s, etc.).	None		uare feet
2 UNO - Go to item 4 bel a. How much of the greenhouse		2			a	2590	
-	-				-	2591	
b. How much of the greenhouse					_	2676	
c. How much of the greenhouse	area was covered by p	plastic film (single or do	uble cover) or other ma	terials?		2593	
d. TOTAL LAND AREA COVER	RED BY GREENHOU	SES — Should equal t	he sum of a + b + c				
						2594 2594	uare feet
a. How much of the greenhouse	area was new greenho	ouse space erected durin	ng 1988?	• • • • • • • • • • • • • • • • • • • •	🖸 🛛		
Did you produce potted flowering cultivated florist greens, nursery p	plants, bedding/garde plants, or foliage plant	en plants, cut flowers, o Is in 1988?	cut				
2595 1 YES - Complete items							
2 NQ — Go to item 7 bel	ow.						
Report area for each horticultural 1,000 square feet, report 1,000 s	square feet in the ''bea	dding/garden plants'' ca	ntegory. If 500 square i	eet of potted flowering	1		
plants were also grown in the san in the ''bedding/garden plants'' c	ne area, report 500 sq ategory.	uare reet in the "potted	i flowering plants" cate	igory and 1,000 square	9 feet		
[		Bedding/garden		Cut	Nursery cr	005	
	Potted flowering plants	plants (Include vegetable type bedding plants.)	Cut flowers	cultivated florist greens	(Includ propagating	e	Foliage plants
ł	2596	2597	2598	2599	2600	2601	
a. How much greenhouse space					•	:	
in 1988 was used for the production of	Sq ft.	Sq. ft.	Sq. tt.	Sq. ft.		Sq. ft	50
<ul> <li>How much land covered by shade structures (frames,</li> </ul>	2602	12003	2604	- 20:1*	2606	126.	
cloth, lath, saran, etc.) was used in 1988 for the							
production of	Sq. ft. Whole acres Tenths	Sq. ft. Whole acres   Tenths	Sq. ft. Whole acres Tenths	Sq. ft. Whole acres Tenths	Whole acres	Sq. ft. Tenths Wi	Sq '
	2608	2609	2610	2611	2612	2613	
(i.e., paim, citrus, etc.) was used in 1988 for the	i F						
(i.e., palm, citrus, etc.) was used in 1988 for the production of	2614	/10		10	261H	10 10 12619	···· · · · · · · · · · · · · · · · · ·
(i.e., paim, citrus, etc.) was used in 1988 for the production of					+	10	
(i.e., palm, citrus, etc.) was used in 1988 for the production of	2614	2615	2516	2617	1 261N		
<ul> <li>(i.e., paim, citrus, etc.) was used in 1988 for the production of</li></ul>		2615	2516		1 261N	10	
used in 1988 for the production of	/10	/10	2516	2617	1 261N		···· · · ·
(i.e., palm, citrus, etc.) wes used in 1988 for the production of	2614 /10 clude land covered by a through c below.	/10	2516	2617	1 261N	/10	
(i.e., palm, citrus, etc.) wes used in 1988 for the production of	2614 /10 Clude land covered by a through c below. \$.	/10	2616	2617	261H	/10	
(i.e., paim, citrus, etc.) was used in 1988 for the production of	2614 /10 clude land covered by a through c below. 4. d for the outdoor prod	greenhouses.)	2616 	/10	261H	- 12679 /10	res irrigated
(i.e., palm, citrus, etc.) wes used in 1988 for the production of	clude land covered by a through c below. 4. d for the outdoor prod	greenhouses.) (uction of nursery plants	2616 	/10	261H	- 12679 /10	res irrigated
(i.e., palm, citrus, etc.) wes used in 1988 for the production of	2614 //10 clude land covered by e through c below. 4 d for the outdoor prod d for the outdoor prod d for the production of <b>B</b> — <b>Report figures</b>	2615 //10 greenhouses.) luction of nursery plants duction of sod? f other horticultural crop s to the nearest WH	2616 , /10 s? sgrown in the open? . OLE DOLLAR. If	/10	261H	ne Ac	res irrigated
(i.e., paim, citrus, etc.) was used in 1988 for the production of	2614 //10 clude land covered by a through c below. 4. d for the outdoor prod d for the outdoor prod d for the production of B — Report figurea re not available, gi	2615 //10 greenhouses.) luction of nursery plants duction of sod? f other horticultural crop to the nearest WH( ve your best estimation	2616 , /10 s? ss grown in the open? . OLE DOLLAR. If te.	, /10	No	/ 10 / 10	res irrigated
(i.e., palm, citrus, etc.) was used in 1988 for the production of	2014 //10 clude land covered by a through c below. 4. d for the outdoor prod d for the outdoor prod d for the production of B Report figures re not available, gi g 1988 of all greenberg.	2615 //10 greenhouses.) luction of nursery plants duction of sod? f other horticultural crop to the nearest WHI vs pour bast estima use plants, outdoor-groin n plants, outdoor-groin n plants, outdoor-groin	2616 , /10 s?	2617 , /10 and nursery and nursery plants, nursery plants,	No	/ 10 / 10	res irrigated
(i.e., palm, citrus, etc.) was used in 1988 for the production of	2614 //10 clude land covered by a through c below. 4. d for the outdoor prod d for the outdoor prod d for the production of 8 — Report figurea re not available, gi g 1988 of all greenhou gat forwar seeds, sod	2615 //10 greenhouses.) luction of nursery plant: duction of sod? f other horticultural crop to the nearest WH( vs your bast estima use plants, outdoor-gron n plants, cutdoor-gro. t plants, cutdoor-gro. n plants, cutdoor-gro.	2616 2616 2710 287 295 2017 20	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms?	No 	ne Ac	res irrigated
<ul> <li>(i.e., palm, citrus, etc.) was used in 1988 for the production of</li></ul>	2614 //10 clude land covered by a through c below. 4. d for the outdoor prod d for the outdoor prod d for the production of 8 — Report figurea re not available, gi g 1988 of all greenhou jents, bedding/garde hed, and starter floris and flower seeds, sod	2615 //10 greenhouses.) luction of nursery plant: duction of sod? f other horticultural crop to the nearest WH( vs your bast estima use plants, outdoor-gron n plants, cutdoor-gro. t plants, cutdoor-gro. n plants, cutdoor-gro.	2616 2616 2710 287 295 2017 20	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms?	No 	ne Ac	res irrigated
(i.e., palm, citrus, etc.) was used in 1988 for the production of	2014 /10 clude land covered by a through c below. 4. d for the outdoor prod d for the outdoor prod d for the outdoor prod d for the production of B - <b>Report figures</b> <b>re not available, gi</b> g 1988 of all greenhou jents, beding/garde thed, and starter floris and flowar seeds, sod, w, lime, sprey meteria	2615 2615 (uction of nursery plant: duction of sod? f other horticultural crop to the nearest WH( ve your best estima use plants, outdoor-groin n plants, cutforers, cut , oried bulbs, corms, n'h ls, garden tools, etc	2616 2616 2710 287 295 grown in the open? 2016 DOLLAR. If 38. Wn floricultural plants, ut cultivated florist gre- getables, vegetable tra zomes, tubers, and cul	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms? ~	No 	- 100 -	res irrigated
<ul> <li>(i.e., palm, citrus, etc.) was used in 1988 for the production of</li></ul>	2614 2614	2615 2615 (uction of nursery plant: duction of sod? f other horticultural crop to the nearest WH( ve your best estima use plants, outdoor-groin n plants, cutforers, cut , oried bulbs, corms, n'h ls, garden tools, etc	2616 2616 2710	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms? ~	No 	ne Ac 2621 2622 2623 2623 2623 2623 2623 2623 2623 2624 5 2625 5 5	res irrigated
(i.e., paim, citrus, etc.) was used in 1988 for the production of	2614 2614	2615 //10 greenhouses.) luction of nursery plant: duction of sod? f other horticultural crop f o	2616 2616 2710	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms?	No No No No Nor al	ne Acc 2621 2622 2622 2623 2623 2623 2624 2625 2625 2626 2625 2626 2626 2626	res irrigated
<ul> <li>(i.e., palm, citrus, etc.) was used in 1988 for the production of</li></ul>	2614 2614	2615 //10 greenhouses.) luction of nursery plant: duction of sod? f other horticultural crop f o	2616 2616 2710 287 295 grown in the open? 2016 DOLLAR. If 296 2016 DOLLAR. If 297 2016 DOLLAR. If 2017 2018	and nursery ans, nursery plants, nsplants for commerci livated mushrooms? ~ OPERATION IN 19	No No al 	ne Acc 2621 2622 2622 2623 2623 2623 2624 2625 2625 2626 2625 2626 2626 2626	res irrigated
(i.e., paim, citrus, etc.) wes used in 1988 for the production of	2614 2614	2615 (110 (110) (110	2616 2616 2616 2710 285 295 295 295 295 295 295 295 29	and nursery ans, nursery plants, nsplants for commerci livated mushrooms? OPERATION IN 19 vo your best estimat	No No al 	r 10 r 1	res irrigated
<ul> <li>(i.e., palm, citrus, etc.) was used in 1988 for the production of</li></ul>	2614 2614	2615 (/10 greenhouses.) uction of nursery plant: duction of sod? to the nearest WH ve your best estima use plants, cut flowers, cr to fants, greenhouse ve , dried bulbs, corms, rhi ls, gerden tools, etc. (value of returned merce SES FOR THE TOTA LAR. If book figures and nursery stock purcha	2616 2616 2616 2710	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms? OPERATION IN 19 vo your best astimated	No No al 	1 1679           1 10           1           1           2621           2622           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2623           2625           2 <t< td=""><td>res irrigated</td></t<>	res irrigated
(i.e., paim, citrus, etc.) was used in 1988 for the production of	2614 2614	2615 2615 2615 2615 2700 270 27	2616 2616 2710 287 295 grown in the open? 2016 DOLLAR. If te. 2016 DOLLAR. If 2016 DOLLAR. If	and nursery and nursery ans, nursery plants, nsplants for commerci livated mushrooms? coperation in 19 ve your best estimat duction	No No No al 	110       110       110       12621       2621       2623       2633       2633       2634       2635       2635       2637       2637       2637       2638       2639	ollars only ollars only ollars only ollars only ollars only ollars only
(i.e., paim, citrus, etc.) was used in 1988 for the production of	2614 2614	2615 2615 2615 2615 2015	2616 2616 2616 2710	and nursery ans, nursery plants, nsplants for commerci tivated mushrooms? ~- OPERATION IN 19 we your best estimat duction	Nor al 	110       110       110       12621       2621       2623       2633       2633       2634       2635       2635       2637       2637       2637       2638       2639	res irrigated
(i.e., paim, citrus, etc.) wes used in 1988 for the production of	2614 2614	2615 //10 greenhouses.) luction of nursery plants duction of nursery plants duction of sod? f other horticultural crop is to the nearest WH ve your best estima use plants, outdoor-groo n plants, out flowers, c t plants, out flowers, c t plants, out flowers, c t plants, greenhouse ve , dried bulbs, corms, rhi is, garden tools, etc (value of returned merce SES FOR THE TOTA LAR. If book figures and nursery stock purcha m.)	2616 2616 2710	and nursery ans, nursery plants, nsplants for commerci itvated mushrooms? OPERATION IN 13 operation in 13 duction	No No No al 	12679           710           2621           2621           2622           2623           2623           2624           \$           2625           \$           2626           \$           2627           \$           2626           \$           2627           \$           2627           \$           2627           \$           2627           \$           2627           \$           2627           \$           2627           \$           2627           \$           2627           \$           2629           \$           2629           \$           2629           \$           2629           \$           2630	ollars only ollars only ollars only ollars only ollars only ollars only

THIS PLACE	E, NURSERY, AND O IN 1988 — Exclude en ., garden center clerks	THER HORTICULTURAL LABOR nployees not directly involved in 5.	arowina	None	Number of employees	Gross wages paid (Dollars only)	
1. What was the total of the gross	wages paid, including emp	loyer's cost for social security, workme or this business during 1988?	an's			2632 \$	.00
2. Of the hired workers in 1988, ho	ow many were				2633	\$	1.0
				1	2635	2636	1
		TION AND LOCATION OF GRO			(S) IN 1988	\$	i .0
1. Type of ownership — Mark (X) to	he appropriate box.						
	2 Partnersh	1/p 3 Corporation	•□0	Other -	- Specify		
2. Location of growing operation(s)	) — Give the county location	on of the growing operation(s) included	in this report forn	n.			
		County	State		rcent of sales		
	Principal county			2638			
	(			2639			
	Other counties			2540			
				2091			
		- If you reported no sales in sect	tione 1 46	12			
	PLETING THIS REPO	RT — Please print.					
	PLETING THIS REPO	RT — Pleese print.			Date		
SECTION 19 PERSON COM Name Address (Number and street, city, S		RT — Plesse print.				Telephone code Number	

FORM 88-A19.1 (I)

### U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

### INFORMATION SHEET **1988 CENSUS OF HORTICULTURAL SPECIALTIES**

#### 1. General

A horticultural establishment is an operation growing and selling horticultural products (greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and/or sod) during 1988.

Refer to the instructions below for completing your report form. The enclosed census report form is being used by producers and growers throughout the United States. Because it is meant for use in all parts of the country, it may contain sections and inquiries which do not apply to you. In this case, mark the "No" or "None" box and go on to the next item or section.

If you did not operate a horticultural operation or all of your facilities were idle in 1988, briefly explain your situation in section 18 and complete section 19.

#### 2. If You Receive More Than One Report Form

2. If You Receive More Than One Report Form If you had multiple horticulture operations, you should complete a report form for each separate and distinct production unit, i.e., each individual greenhouse, nursery, etc., or combinations of establishments, etc., for which you maintained separate records of operating expenses, sales, inventories, and production. Return any duplicate or extra report forms in the same envelope with the report(s) you complete so we can remove the extra addresses from our mail list. In the area of the address label of the report form you complete, write the 11-digit Census File Number (CFN) from the label of the extra report form(s). label of the extra report form(s).

#### 3. Partnership Operations

A partnership is an association of two or more persons who have agreed, informally or under legal contract, on the amount of their contributions and profit distributions.

Contributions and profit distributions. Complete only ONE report form for a partnership operation, including all partners' shares on the same report form. If two or more report forms were received for the partnership, see instruction 2 above.

Partners who also had separate operations of their own should complete report forms for those separate operations. For definition of a partnership, see the instructions for section 17.

#### 4. How To Enter Your Responses On The Report Form

Please enter your answers in the proper spaces and in the units requested, i.e., dollars, pot size, pounds, etc. Write any explanations outside the answer spaces or on a separate sheet of paper. Enter whole numbers unless the "Tenths" column is provided, such as reporting acres of flower seeds in section 12. If you have 1/2 of an acre, convert to the nearest tenths. For example, convert 1/2 to 5/10.

If you do not have exact figures, please give your best estimates. You may indicate "EST." (for estimated) beside the answer if you like. For all dollar items, we need only whole dollars; cents are not required.

#### 5. Completing The Report Form

# Sections 1 to 12 — Greenhouse Products, Outdoor-Grown Floriculture Products, Nursery Products, Mushrooms, and Sod

The units of measure on the report form are those most commonly used throughout the country. If you used a different unit of measure, please specify the unit and size or convert your figure to the unit requested.

When reporting value of sales, do not include products bought for When reporting value of sales, do not include products bought for resale without additional growing. Do not report sales of noncrop garden center items, i.e., chemicals, fertilizers, etc. Report the total value of sales (wholesale or retail) for those products grown on this place and sold directly from this place. Report only the wholesale value of any products sold through a retail outlet which was not on this place or if the retail outlet was considered a separate business establishment. Estimates are acceptable if over t fources are not available exact figures are not available.

#### To Report Plants in Sections 1 to 7

In each of these sections, report any of the plants which you grew that are listed in that section.

- 1. Find the plant name and the corresponding code number in the list in that section.
- 2. Enter the plant name and code in the space provided in
- hat section. 3. Enter the information requested in each column. In
- sections 1, 2, and 6, enter the information on the proper line for each type of container. In section 7, enter the information on the proper line to identify each type of unfinished plant material.
- 4. If additional columns are needed, use a separate sheet of paper.

#### To Report Plants in Sections 8 to 12

In each of these sections, enter the information requested for any of the specified plants which you grew that are listed in that section.

- 1. Enter the information requested in each column for the specified plants that you grew.
- 2. If additional columns are needed, use a separate sheet of paper.

If reporting in Section 8 — Sod, report the total acres of sod harvested from this place in 1988 and value of sales of the sod. Acreage planted to grass intended for sale as sod in subsequent years and not harvested in 1988 should not be reported.

If reporting in Section 10 – Cultivated Mushrooms, report the square feet of bedspace or other space, such as trays, used for mushrooms in 1988 only once even though the space was harvested multiple times or more than one crop was grown during the year. For example, if two crops of mushrooms were harvested from an area of 20,000 square feet of bedspace, report 20,000 square feet of area used. Note in the margin of the report form the number of times mushrooms were harvested from that area. Also include in this section gourmet varieties of mushrooms, such as shitake, which were harvested in 1988.

#### tion 13 - Land, Structures, Equipment, and irrigation

The estimated market value in item 2, refers to ALL machinery and equipment kept on this place and used for the horticultural business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

#### Section 14 - Sales

In item 1, report the value received during 1988, regardless of the year in which the products were harvested. Give gross values (before deducting taxes and expenses). Report total values for a product or products sold in 1988 even though full payment may not have been received in 1988.

#### ction 15 - Selected Production Expenses

Include expenses paid by you and by anyone else for the production of greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod on this place. Also include 1988 expenses incurred even if not paid in 1988. Please give estimates if you do not know the exact figures.

#### Section 16 – Horticultural Labor

Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay BEFORE DEDUCTIONS, PLUS THE VALUE OF BENEFITS PAID BY YOU, i.e., social security, taxes, unemployment compensation insurance, etc. Do not include room and board, house rent, or other items paid in kind. Exclude employees no directly involved in the growing operation, i.e., garden center clerks

# Section 17 - Type of Horticultural Operation and Location of Growing Operation(s)

In item 1, use the following definitions to assist you in determining the type of ownership for your operation:

Individual Proprietor or Family Operation - Defined as a business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership -- Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) agreed on the amount of their contribution (capital and erfort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Producing products under contract or under share rental agreements does not constitute partnerships.

**Corporation** — Defined as a legal entity or artificial person created under the laws of a State to carry on a business; does not include cooperatives. Include family operations that are incorporated.

Other — If your operation did not fall into the provided categories, mark (X) this box and describe the type of ownership that this operation existed under during 1988.

In item 2, report the county or counties where the growing activities for the operation represented by this report form occurred in 1988. If the growing operations occurred in more than one county, list all of the counties involved and estimate the percent of the total gross sales produced in each county. Check the figures to ensure that the percentages sum to one hundred percent.

#### Section 18 – Remarks and Explanations

Enter in this section an explanation if you did not report any sales in sections 1 through 12. Also add any other remarks or explanations here.

#### action 19 - Person Completing This Report Form

Print the name, address, and telephone number of the person completing this report form. Also, enter the date in the space provided when the report form is completed.

We estimate that it will take from 10 to 30 minutes to complete this report form, with 24 minutes being the average time. If you have any comments regarding these estimates or any other aspect of this census, send them to the Associate Director for Management Services, Room 2027, Bureau of the Census, Washington, DC 20233; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

1988 Census of Horticultural Specialties, Commercial Horticultural Survey, 1988 (NASS), Report Form 88-A19.2

FORM 88-A19.2		1					MB Approval No. 0		
	CENSUS USE ONLY	0013	0014	0015	0018	0017	0018 0	019	0020
U.S. DEPARTMENT OF AGRICULTURE IN COOMINGTION WITH U.S. DEPARTMENT OF COMMERCE			. 1	I					_
BUREAU OF THE CENSUS									
COMMERCIAL									
HORTICULTURE SURVEY									
1989									
Dear Reporter:	7								
The U.S. Department of Agriculture and the Bureau of the Census are cooperating in this survey of Horticultural Specialties to avoid									
duplicate contacts. Response to this survey is voluntary and not									
required by law. However, your ocoperation in furnishing the information will be grastly appreciated. Your report will be held CONFIDENTIAL and used only in combination with other renormal.									
Information will be greatly appreciated. Your report will be held CONRIDENTIAL and used only in combination with other reports. The results will be published in the "1989 Forduiture Crops Summary" and the "1988 Census of Horticultural Specialties".									
Your prompt mail response will save time and expense of a									
personal visit. Please use the enclosed envelope to mail your report by January 20, 1989.									
Regards,									
RI LODIL									
Richard D. Allen, Chairperson	1								
Agricultural Statistics Board	<u> </u>					address, and Zli			
IMPORTANT – Please r	ead the in	structic	ns below	/ before o	comple	ting the r	eport for	m.	
<ul> <li>Complete the section(s) 1 through 12 which per operation.</li> </ul>	rtain to your			ete sections Itural opera		igh 19. These	sections p	ertain to	ali
<ul> <li>operation.</li> <li>In sections 1 through 7, enter the plant name</li> </ul>		ndinc				om others bu	it arown by	vou for	699
code for plant(s) produced for sale. Report th	ne number solo	and		e plants pur weeks for r		om others Dt	r Browu pà	you (Of	699
value of sales at the total and wholesale leve line and column.						icultural oper			
	/i	lines		ile in 1988, ite section '		plain in secti	on 18 your:	situatior	and
<ul> <li>Report ALL UNFINISHED PLANT MATERIAL plug seedlings, prefinished plants, tissue cult</li> </ul>			• Refert	o the Inform	ation She	et for additio	onal reportir	ng instru	ctions.
section 7.			If more	space is ne	eded, list	additional pl	ants on a se	parate s	heet.
SECTION 1 . Were any POTTED FLOWERING PL	LANTS FOR I	NDOOR	OR PATIO	JSE grown	for sale	on this place	in 1988?		
0001 1 YES - Complete parts A and B below.									
$2 \square NO - Go to section 2.$									
Part A — Complete this part by entering the plant nan by type of container (i.e., pots by size, hang	ne and code fro sing baskets). R	m the list b eport gerai	elow. Report	the number s er outdoor oo	old and va ttad bloon	lue of sales nina			
annuals in section 2. Report unfinished plan cultured plantlets, etc.) in section 7. If more	nt materiai (prefi	inished pla	nts, cuttings, i	liners, plug se	edlings, ti	ssue			
		_,			Total sal	85	Who	lesale sal	es only
		Тур	e of containe		of r	oliars only	Number of		ollars only
		_+_		containers	Fold 1		containers so	ad bit	
Plant name	Code	Pots	inder 5 inches		, s	.00	-	\$	1.00
			inches as as	4	6		6	7	
		Pots	inches or over	8	6 \$9	.00	6 10	7 8 11	.00
			inches or over ng baskets	8	6 \$9 \$1		8	7 8 11 5 3	.00
Plent name	Code	Hangi		8	6 3 9 \$ 1 \$	.00	6 10 2	7 \$ 11 \$ 3	00
Plent name	Code	Hangi Pots u	ng baskets Inder 5 inches	4	6 \$9 \$1 \$5	00.	6 10 2 6	7 8 11 5 3 7	.00
Plent name	Code	Hangi Pots u	ng baskets	4	6 \$ 9 1 \$ 5 \$ 9	.00.	6 10 2 6 10	7 \$ 11 \$ 3 \$ 7 \$ 11	00
Plent name	Code	Pots I	ng baskets Inder 5 inches	4 8 4 8	6 \$ 9 \$ 1 \$ 5 \$ 9 \$	00.	2	7 \$ 11 \$ 3 \$ 7 \$ 11 \$	.00
Plant name Plant name Plant name	Code	Hangi Pots L Pots I Hangi	ng baskets Inder 5 inches 5 inches or over ng baskets	4	6 \$ 9 \$ 1 5 5 5 5 5	00. 00. 00. 00.	2	7 8 11 5 3 5 7 5 11 8 3 6	00. 00. .00 .00
		Hangi Pots u Pots I Hangi Pots U	ng baskets inder 5 inches 5 inches or over ng baskets under 5 inches	4	5 9 9 5 5 9 9 9 3 5 5	00.   00.   00.   00.	2	7 \$ 11 \$ 3 \$ 7 \$ 11 \$ 3 \$ 7 \$ 7 \$ 7 7 7 7 7 7 7 7 7 7 7 7 7	00. 00. .00
		Hangi Pots u Pots I Hangi Pots U	ng baskets Inder 5 inches 5 inches or over ng baskets	4 8 4 8	6 3 9 5 5 5 9 4 5 5 5 9 4 5 5 9 4 5 5 9 4 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00.	2	7 \$ 11 \$ 3 5 7 5 11 8 3 5 7 5 7 5 11 8 3 5 7 5 11 5 5 7 5 11 5 5 7 5 5 11 5 5 7 5 5 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5	00. 00. .00 .00
		Hangi Pots ( Pots ) Hangi Pots ( Pots )	ng baskets inder 5 inches 5 inches or over ng baskets under 5 inches	4	6 5 9 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 9 5	00 00 00 00 00	2 6 10 2	7 8 11 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5	00. 00. 00. 00. 00.
	Code	Hangi Pota ( Pota ( Pota ( Pota ( Pota ( Pota ( Hangi	ng baskets under 5 Inches 5 Inches or over ng baskets under 5 inches 5 inches or over ng baskets	4 6 8 8 9	6 5 9 1 5 5 5 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00.	2 6 10 2	7 8 11 5 5 7 8 11 8 3 7 5 7 5 11 5 3 3 5 7 5 11 5 5 7 5 5 7 5 5 7 5 5 5 7 5 5 5 7 5 5 5 5 5 5 5 5 5 5 5 5 5	00, 00, 00, 00, 00, 00,
Plant name		Hangi Pota ( Pota ( Pota ( Pota ( Pota ( Pota ( Hangi	ng baskets inder 5 Inches 5 Inches or over ng baskets inder 5 inches 5 inches or over	4 8 4 8 4 8 4 4 8 4 4	6 5 9 1 5 5 9 9 9 3 5 5 9 9 5 5 5 5 5 5	00. 00. 00. 00. 00. 00.	2 6 10 2	7 9 11 9 3 9 7 9 11 8 3 9 7 9 11 5 3 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 9 7 9 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00.
Plant name	Code	Hangi Pota I Pota I Hangi Pota I Hangi Pota I	ng baskets under 5 Inches 5 Inches or over ng baskets under 5 inches 5 inches or over ng baskets	4 8 4 8 4 8 4 8 4 8 4 8 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8	6 9 9 5 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 \$ 7 \$ 11 \$ 3 \$ 7 \$ 8 11 \$ 3 \$ 5 7 \$ 8 7 \$ 8 7 \$ 9 7 \$ 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	00, 00, 00, 00, 00, 00,
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Plant name Plant name Plant name	Code	Hangi Pota ( Pota ( Pota ) Pota ( Pota ) Pota ( Pota ) Pota ( Pota )	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over ng baskets inches or over ng baskets	4 8 4 8 4 8 4 8 4 8 4 8 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8	6 9 9 9 1 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 \$ 7 \$ 11 \$ 3 \$ 7 \$ 8 11 \$ 3 \$ 5 7 \$ 8 7 \$ 8 7 \$ 9 7 \$ 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	00, 00, 00, 00, 00, 00, 00, 00,
Plant neme	Code	Hangi Pota ( Pota ( Pota ) Pota ( Pota ) Pota ( Pota ) Pota ( Pota )	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over 5 Inches or over ng baskets inches 5 Inches	4 8 4 8 4 8 4 8 4 8 4 8 4 8 9 4 4 4 4 4 4 4 4 4	6 9 9 1 5 5 9 9 9 9 9 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 \$ 7 \$ 11 \$ 3 \$ 7 \$ 7 \$ 11 \$ 3 \$ 7 7 \$ 11 \$ 3 \$ 5 7 7 \$ 11 \$ 8 7 5 7 \$ 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 5 7 5 5 5 5 7 5	00 00 00 00 00 00 00 00
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Plant name Plant name Plant name	Code	Hangi Pota I Pota I Hangi Pota I Pota I Pota I Hangi Pota I Pota I	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over ng baskets inches or over inches or over ng baskets inches for Inches inches or over	4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8	6 9 9 9 1 5 5 9 9 9 9 9 9 5 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 3 7 5 3 1 1 \$ 3 3 5 7 6 7 5 8 7 5 7 8 7 8 7 7 8 7 7 8 7 7 7 7 7	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,
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Plant name Plant name Plant name Plant name Plant name	Code Code	Hangi Pota I Pota I Pota I Pota I Pota I Pota I Pota I Pota I Pota I	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over ng baskets		6 9 9 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 5 7 5 3 5 7 5 5 7 5 5 7 5 7 5 7 5 7 5	00 00 00 00 00 00 00 00 00 00 00 00 00
Plant name Plant name Plant name Plant name Plant name	Code Code	Hangi Pota I Pota I	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over ng baskets inches or over ng baskets inches or over inches or over inches or over ng baskets inches or over ng baskets inches or over ng baskets inches or over		3 9 3 1 5 5 9 5 5 5	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 5 7 5 3 5 7 5 5 7 5 5 7 5 7 5 7 5 7 5	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,
Plant name Plant name Plant name Plant name Plant name	Code Code	Hangi Pota I Pota I	ng baskets inder 5 Inches 5 Inches or over ng baskets inches or over	4 8 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8	3 9 3 1 5 5 9 5 5 5	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 3 5 7 9 9 1 1 3 3 5 7 7 9 1 1 3 5 5 7 7 9 1 3 5 9 7 7 9 9 9 7 9 9 9 9 9 9 9 9 9 9 9 9	00 00 00 00 00 00 00 00 00 00 00 00 00
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Plant name       Plant name       Plant name       Plant name       Plant name       Plant name	Code Code Code	Hangi Pota I Pota I	ng baskets inder 5 Inches inches or over ng baskets inches or over ng baskets		3 9 3 1 5 5 9 5 5 5	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	2 6 10 2 6 6 6	\$ 3 3 5 7 9 9 1 1 3 3 5 7 7 9 1 1 3 5 5 7 7 9 1 3 5 9 7 7 9 9 9 7 9 9 9 9 9 9 9 9 9 9 9 9	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,
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Plant name         Plant name	Code Code Code	Hangi Pota I Pota I	ng baskets inder 5 Inches inches or over ng baskets inches or over ng baskets	irobium	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		2 6 10 2 2 6 10 2 2 6 10 2 2 5 5 10 2 2 5 5 10 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 3 3 5 7 9 11 3 3 5 7 9 11 3 5 7 9 7 9 11 3 5 7 9 11 5 3 6 11 5 7 9 11 5 11 5 11 11 5 11 11 11 1	
Plant name         Plant name	Code Code Code	Hangi Pots I Pots I	ng baskets inder 5 Inches inches or over ng baskets inches or over ng baskets	irobium	3 9 9 1 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		2 6 10 2 2 6 10 2 2 6 10 2 2 5 5 10 2 2 5 5 10 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7	\$         \$	

	xa xa xa xa xa xa xa xa xa xa xa xa xa x	(Nui ision Ants) grown sales by type oduction in ttion 7. If te	t) (Potr x0001 x0001 x0075 x0082 x0092
b. Azaless (finished florist showing color) c. Chrysenthemums (Exclude hardy/garden mums.) d. Lilles, Easter c. Lilles, Easter c. Lilles, othe	ver sold and value of s mercial truck crop pro- plantiets, etc.) in sec specify other flat size Total sales mercial sales second Dollars s s s s s 1 3	30052           3078           3080           3080           Intentions (Nur (Nur 3000           10077           Intentions (Nur (Nur 3000           sales by type oduction in titon 7. If           conty         Nur conts           ionity         Nur conts           ionity         Nur conts           ionity         0           ionity         0           ionity         10           ionity         2	X9088       X9082       X9089       X9089       X9089       X9089       X9080       X9080 <t< th=""></t<>
e. Chrysanthemums (Exclude hardy/garden mums.) d. Lilles, Easter e. Lilles, other f. Poinsettias g. All other potted flowering plants Flowering plants - MANGING BASKETS GCIJON 2 Were any BEDDING/GARDEN PLANTS (Including flowering and vegetable for sale on this place in 19887 No2 1 YES - Complete parts A and B below. 2 NO - Go to section 3. Pet A - Complete this part by entering the plant name and code from the list below. Report the numb or container (i.e., flats, pots by size, hanging baskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug seedings, cuttings, lines, tissue cultured, more space is needed, list additional plants on separate sheat. SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" - Report in 11" X 22" flats or Plant name Code Plant name	ver sold and value of s mercial truck crop pr plantiets, etc.) in sec specify other flat size Total sales mercial sales s s s s 1 1 5 5 5 1 3	3076           3083           3080           101000           101000           101000           101000           100000           100000           100000           100000           1000000           10000000000           1000000000000000000000000000000000000	X9082       X9082       X9089       X8089       X8080       X9103       for production in 196       mber of baskets)       Molesele sales on umber of ainers sold       Dollars       3       4       7       6       11       5       3       5
d. Lilies, Easter         e. Lilies, other         f. Poinsettias         g. All other potted flowering plants         Flowering plants – HANGING BASKETS         ECTION 2       Were any BEDDING/GARDEN PLANTS (including flowering and vegetable for sale on this place in 1983?         xooz 1       YES – Complete perts A and B below.         z1       NO – Go to section 3.         Pert A       – Complete perts A and B below.         z2       NO = Go to section 3.         Pert A       – Complete nerts, ports by size, hanging baskets. Report vegetable transplants for com section 11. Report unfilted plant name and code from the list below. Report the numb more space is needed, kit additional plants are abeart.         SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" – Report in 11" X 22" flats or         Plant name       Code         Plas i lass than 5 inches       Plats      <	stype bedding pla stype bedding	3083           3080           Intentions           (Nur           1300           sales by type           oduction in           tion 7. If           1 only           00           0.00           0.00           0.00           1.00           1.00           1.00           1.00	Wholesale sales on infor production in 195 mber of baskets) Wholesale sales on imbar of iners sold 0 bolisrs 3 8 7 6 11 11 5 5 3 8
<ul> <li>Lilies, other</li></ul>	ber sold and value of s mercial truck crop pr plantiets, etc.) in sec specify other flat size Total sales mber of iners sold 1 \$ \$ \$ 9 \$ 13	Sobo         Non           Intentions         (Nur           Sobo         (Nur           So	Wholesale sales on mbar of baskets)
	x9 x9 x9 x9 x9 x9 x9 x9 x9 x9 x9 x9 x9 x	Intentions (Nur           10007           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           1000           100           100           100           100           100	Wholesale sales on mber of baskets) Wholesale sales on mber of aners sold 9 11 5 9 15 9 3 15 9 3 15 9
g. All other potted flowering plants	xs ber sold and value of s mercial truck crop pr plantiets, etc.) in sec r specify other flat size Total sales mber of iners sold 1 5 5 5 9 9 13	Intentions (Nur isso) sales by type oduction in tion 7. If only	Wholesale sales on imber of baskets) Wholesale sales on imber of bolists iners sold Dollars 3 8 7 6 111 5 8 3 8 9 7 9 9 15 9 3
Flowering plants - HANGING BASKETS  ECITION <sup>12</sup> Were any BEDDING/GARDEN PLANTS (Including flowering and vegetable     for sale on this place in 19837  2002 1 YES - Complete parts A and B below. 2 NO - Go to section 3.  Part A - Complete this part by entering the plant name and code from the list below. Report the numb     of container (i.e., flats, post by size, hanging baskets). Report vegetable transplents for com     section 11. Report unfinished plant maries and loadings, cuttings, liners, tiesue cultured,     more space is needed, list additional plants on a separate sheet.      SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" - Report in 11" X 22" flats or	ber sold and value of s mercial truck crop pr plantlets, etc.) in sec specify other flat siz Total sales mber of iners sold 0 tollars 5 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Nur sales by type oduction in tion 7. If re i only conta i _	Wholesale sales on inter sold 3 5 7 6 11 15 3 3 5
EC110N2       Were any BEDDING/GARDEN PLANTS (Including flowering and vegetable for sale on this place in 19887         xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	ber sold and value of s mercial truck crop pr plantlets, etc.) in sec specify other flat siz Total sales mber of iners sold 0 tollars 5 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Nur sales by type oduction in tion 7. If re i only conta i _	Wholesale sales on inter sold 3 5 7 6 11 15 3 3 5
EC110N2       Were any BEDDING/GARDEN PLANTS (Including flowering and vegetable for sale on this place in 19887         xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	s type bedding pla ber sold and value of a mercial truck crop pr- plantiets, etc.) in sec specify other flat size Total sales mber of inners sold 1 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1	sales by type oduction in tion 7. If te	Imper of pairwise         Dollars           3         8           7         9           0         11           11         5           3         3           3         5
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2 □ NO - Go to section 3.  Pert A - Complete this part by entering the plant name and code from the list below. Report the numb of container (i.e., flats, posts by size, hanging baskets). Report vegetable transplants for com- section 11. Report unfinished plant marine and code from the list below. Report the numb more space is needed, list additional plants on a separate sheet.  SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" - Report in 11" X 22" flats or row and the section 11 and the section of the section 11 and the section 11 and the section 11 and the section 11 and the section 11 and the section 11 and the section 11 and the section 11 and the section 12 and the sect	mercial truck crop pr plantlets, etc.) in sec specify other flat siz Total sales mber of inners sold Dollars 1 5 5 5 9 9 13	coduction in tion 7. If nonly Nu conts 0 0 0 0 0 0 0 0 10 10 10 10 10 10 10 10 10 10 12	Imper of pairwise         Dollars           3         8           7         9           0         11           11         5           3         3           3         5
Part A -       Complete this part by entering the plant name and code from the list below. Report the numb of container (i.e., fits, ports by size, hanging baskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug paskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug paskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug paskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug paskets). Report vegetable transplants for com section 11. Report unfinished plant material (plug paskets). Report in 11" X 22" flats or or spece is needed, list additional plants on a separate sheat.         SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" -       Report in 11" X 22" flats or or or the list below. Report in 11" X 22" flats or or or the list below.         Plant name       Code       Flats         Plant name       Code       Flats         Plant name       Code       Pots less than 5 inches         Plant name       Code       Flats         Plant name       Code       Flats         Plant name       Code       Flats         Plant name       Code       Pots less than 5 inches         Plant name       Code       Flats         Plant name       Code       Pots less than 5 inches         Plant name       Code       Flats         Plant name       Code       Flats         Plant name       C	mercial truck crop pr plantlets, etc.) in sec specify other flat siz Total sales mber of inners sold Dollars 1 5 5 5 9 9 13	coduction in tion 7. If nonly Nu conts 0 0 0 0 0 0 0 0 10 10 10 10 10 10 10 10 10 10 12	Imper of pairwise         Dollars           3         8           7         9           0         11           11         5           3         3           3         5
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SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" - Report in 11" X 22" flats or Type of container Plant name Code Plant sinches Plant name Code Plant sinches Plant sinches	Total sales mber of Dollars inners sold 5 5 9 9 13	only         Nu conta           .00         2           .00         10           .00         10           .00         14           .00         2	Imper of pairwise         Dollars           3         8           7         9           0         11           11         5           3         3           3         5
Type of container     Nu container       Plant name     Code     Flats     4       Pots less than 5 inches     12     12       Hanging baskets     12     12       Plant name     Code     Flats     4       Pots less than 5 inches     6     12       Pots less than 5 inches     12       Hanging baskets     12       Plant name     Code     6       Pots less than 5 inches     12       Hanging baskets     12       Hanging baskets     12       Plant name     Code       Plant name     Code       Plant name     Code       Plant name     12       Hanging baskets     12	Total sales mber of Dollars inners sold 5 5 9 9 13	only         Nu conta           .00         2           .00         10           .00         10           .00         14           .00         2	Imper of pairwise         Dollars           3         8           7         9           0         11           11         5           3         3           3         5
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Plant name     Code       Pots less than 5 inches       Pots 5 inches or more       Plant name       Code       Pots less than 5 inches       Pots 5 inches or more       12	\$ 13	.00 .00 .00 14 .00 2	7 6 11 5 5 3 5
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	\$	.00	11 \$
	13	.00	15 \$
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orstum         0273         Dusty Miller         0366         Impatiens, other         0449         Rox           rssum         0289         Fuchais         0385         Impatiens, other         0465         Sat           oprint         03295         Gazania         0401         Marigold         0451         Sn           rysanthemum,         03205         Gazania         0401         Pansy         0487         Ver           rgv/garden         0321         cuttinga         0417         Perenniais, herbaceous         0451         Vin	ANT NAME se, potted garden via apdragon	type 0561 Broc 0577 cau 0593 oth	NT NAME - Vegetable bedding plants coli, cabbage, ulifiower, and her crucifers per, sweet or hot sto er vegetable type

tum 0273 Dusty Miller 0369 Impatiens, New Guines 0449 Rose, potted garden 0661 Broccol, cebbaga, tum 0289 Fuchsia 0385 Impatiena, other 0468 Selvia 0677 casificwer, and nie 0305 Gazania 0401 Marigold 0483 Snapfragon 0693 other crucifers 0409 Peper, sweet or hot 04							seisa late			sale sales on	y
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Pois 5 inches or more         *         *         0         10         11           Hanging baskets         12         13         0         4         15           Plant name         Code         Fits         6         .00         6         7           Plant name         Code         Fits         6         .00         6         7           Pois 5 inches or more         4         .00         6         7         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           Pois 5 inches or more         6         .00         6         7           P	Plant name		Code			4	5		6	7	T
Hanging baskets         12         3         6         14         15           Plant name         Code         Fits         6         .00         6         7           Plant name         Code         Fits         6         .00         6         7           Pois Sinches or more         6         .00         6         7         7         7           Plant name         Code         Fits         6         .00         6         7           Plant name         Code         Fits         6         .00         6         7           Plant name         Code         Fits         6         .00         6         7           Plats lastes tan 5 inches         7         7         7         7         7         7           Plats lastes tan 5 inches         7         7         7         7         7         7           Plats lastes tan 5 inches         7         7         7         7         7         7           Plats lastes tan 5 inches         7         7         7         7         7         7           Plast name         Code         Fits         6         .00         7         7						8	9	i	10	11	+
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Pots 5 inches or more         9         10         11           Pets 5 inches or more         9         0.00         6         9           Plant name         Code         Fists         6         0.00         6           Plant name         Code         Fists         6         0.00<	Plant name		Code		Flats	4	\$ 5	.00	8	8 7	-+
Hanging baskets         12         13         14         15           Plant name         Code         Flats         6         .00         6           Plant name         Code         Flats         6         .00         6           Post less than 5 inches         6         .00         6         7           Post Sinches or more         6         .00         6         6           Plant name         Code         7         7         7         7           Post Sinches or more         6         .00         6         7         7           Post Sinches or more         6         .00         6         7         7           Post Sinches or more         6         .00         6         7         7           Post Sinches or more         6         .00         6         7           Post Sinches or more					Pots less than 5 inches	8	\$	.00	10	11	1
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Pots 5 inches or more         0         0         0           Hanging baskets         12         13         14         15           Plant name         Code         12         13         14         15           Plant name         Code         1         2         3         0         6           Plant name         Code         Flats         6         00         6         7           Pots facts or more         6         00         6         7         11         10         11           Pots 5 inches or more         6         00         6         6         7           Pots 5 inches or more         6         00         6         6         7           Plant name         Code         Flats         6         00         6	rian( name		Code		Pots less than 5 inches	<u> </u>	8	.00	•		1
Hanging baskets         12         13         14         15           Plant name         Code         Filts         6         0.00         6           Plant name         Code         Filts         6         0.00         6         7           Pots lass than 5 inches or more         6         9         10         11         14         15           Plant name         Code         6         9         10         11         14         15           Plant name         Code         6         9         10         11         14         15           Plant name         Code         6         9         10         11         14         15           Plant name         Code         Fiats         6         10         10         11           Pots lass than 5 inches         1.00         8         10         11         14         15           Plant name         Code         Fiats         1         <	<u> </u>				Pots 5 inches or more	8	9 \$	.00	10	8	_
Plant name         Code         Flats         1         00         2         3           Plant name         Code         Pots less than 5 inches         8         .00         6         7           Pots 5 inches or more         8         .00         6         7         6         6         7           Pots 5 inches or more         8         .00         6         6         7         6         6         7           Plant name         Code         Flats         8         .00         6         6         7           Plant name         Code         Flats         8         .00         6         6         7           Plant name         Code         Flats         8         .00         6         6         7           Pots 5 inches or more         8         .00         6         6         7         6         6         7           Pots 5 inches or more         12         13         .00         6         7         6         7           Pots 5 inches or more         1         .00         6         7         6         7         6         7           Pots 5 inches or more         1         1 <t< th=""><td></td><td></td><td></td><td></td><td>Hanging baskets</td><td>12</td><td></td><td>.00</td><td>14</td><td>1</td><td>i</td></t<>					Hanging baskets	12		.00	14	1	i
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Pots 5 inches or more         9         10         11           Pots 5 inches or more         8         .00         6           Plant name         Code         Flats         6         .00         6           Pots 5 inches or more         8         .00         6         6           Pots 5 inches or more         8         .00         6         6           Pots 5 inches or more         8         .00         6         6           Pots 5 inches or more         8         .00         6         6           Pots 5 inches or more         1         1         2         3           Plant name         Code         Flats         6         .00         6           Pots 5 inches or more         1         1         2         3           Pots 5 inches or more         1         1         2         3           Pots 5 inches or more         6         0         6	Plant name		Code	_	Pots less than 5 inches	4	5	1	6	7	i
Imaging baskets         Imaging ba						8	9	Ì	10	11	
Plant name         Code         Flats         1         2         3           Plant name         Code         Flats         6         00         6           Pots less than 5 inches         8         1.00         6         7           Pots 5 inches or more         8         1.00         6           Pots 5 inches or more         8         1.00         6           Plant name         Code         1         1         1         1         1           Plant name         Code         Flats         6         7         6         7           Plant name         Code         Flats         6         10         11         1         2         3           Plant name         Code         Flats         6         1.00         6         7           Pots 5 inches or more         6         9         1.00         6         7         6         7           Pots 5 inches or more         6         9         1.00         8         7           Pots 5 inches or more         6         9         1.00         8         7           Pots 5 inches or more         8         1.00         8         1.00         8						12	13	i	14	15	
Plant name         Code         4         6         6         7           Pots less than 5 inches         \$         1.00         \$         \$         \$         0.00         \$           Pots 5 inches or more         \$         \$         0.00         \$         \$         \$         0.00         \$           Plant name         Code         Pots 5 inches or more         \$         \$         0.00         \$         \$           Plant name         Code         Flats         \$         0.00         \$         \$           Plant name         Code         Flats         \$         0.00         \$         \$           Plant name         Code         Flats         \$         0.00         \$         \$           Pots less than 5 inches         \$         \$         0.00         \$         \$         \$           Pots 5 inches or more         \$         \$         0.00         \$					1		\$ 1	1	2	\$	
Pots 5 inches or more         0         10         11           Pots 5 inches or more         8         1.00         8           Plant name         Code         12         13         14         15           Plant name         Code         Flats         9         .00         9           Plant name         Code         Flats         9         .00         9           Pots 5 inches or more         8         .00         9         9           Pots 5 inches or more         9         .00         9         9           Pots 5 inches or more         9         10         11         14         15           Pots 5 inches or more         9         10         11         14         15           Pots 5 inches or more         9         10         11         14         15           Pots 5 inches or more         9         10         11         14         15           Hanging baskets         9         1.00         8         1.00         8           stum         0273         Dusty Miller         .0385         Impatiens, others         0449         Rose, potted gerden         0561         577         6x8/forwer, and other cucifers         64	Plant name		Code		Flats	4	<b>\$</b> 5	00.	6	\$	-
Imaging baskets         Imaging ba					Pots less than 5 inches	8	\$ 9	i .00	10		1
Plant name         Code         Fiets         1         2         3           Plant name         Code         Fiets         4         6         0         9           Pots less than 5 inches         9         00         9         10         11           Pots less than 5 inches         9         10         11         15           Pots 5 inches or more         8         1.00         6           It manging baskets         12         13         14         15           It manging baskets         12         13         1.00         6           It manging baskets         12         1.00         6         6           It manging baskets         12         1.00         6         6           It manum         02273         Dusty Miller         0385         6449         Rose, potted gerden         0561         577         6x400         6577         6x400         6577         6x400         0577         6x40		i	L		Pots 5 inches or more	12	\$	.00	14		_
Plant name     Code     Flats     4     6     00     6       Pots less than 5 inches     \$     00     \$     \$     00     \$       Pots less than 5 inches     \$     00     \$     \$     100     \$       Pots less than 5 inches     \$     00     \$     \$     \$     \$       Pots 5 inches or more     \$     \$     100     \$       Hanging baskets     12     13     14     \$       It MAME     CODE     PLANT NAME     CODE     PLANT NAME     CODE       stum     0273     Dusty Miller     0385     Impatiens, New Guines     0449     Rose, potted garden     0567     Broccoil, cobbeges, onther coucies       nime     0305     Garanie     0491     Sabria     0577     other coucies     other coucies       nariodid     0481     Snaptragon     05829     other coucies     0445     Snaptragon     0690	_,				Hanging baskets		\$	00.	2	1	_
Pots less than 5 inches     \$     .00     \$       Pots 5 inches     \$     .00     \$       Pots 5 inches or more     \$     .00     \$       Pots 5 inches or more     \$     .00     \$       #T NAME     CODE     PLANT NAME     CODE     PLANT NAME       CODE     PLANT NAME     CODE     PLANT NAME     CODE       #T NAME     CODE     PLANT NAME     CODE     PLANT NAME       0273     Dusty Miller     .0385     Impations, New Guines     .0449       Num     .0286     Fuchsia     .0385     .0657     .0657       earthernum     .0305     Garanie     .0491     Marigold     .0481       Santhernum     .0485     Sneptragon     .0592     other crucifers	Plant name	·	Code		Flats		•	.00		(	_
Pots 5 inches or more     \$     .00       IT NAME     CODE     PLANT NAME     12     13     14     16       IT NAME     CODE     PLANT NAME     CODE     CODE     PLANT NAME     CODE     PLANT NAME     CODE     PLANT NAME     CODE     CODE     PLANT NAME     CODE     CODE     CODE     PLANT NAME     CODE     CODE     PLANT NAME     CODE     CODE     CODE     CODE     CODE     CODE     CODE     CODE				7	Pots less than 5 inches	·	\$	.00	•	11	
AT NAME CODE PLANT NAME CODE PLANT NAME CODE PLANT NAME CODE PLANT NAME - Vegetable ( trype bedding plants turn					Pots 5 inches or more	8	9 ¢	00.1	10	8	i t
IT NAME         CODE         PLANT NAME <t< th=""><td></td><td></td><td></td><td></td><td>Hanging baskets</td><td>12</td><td>\$</td><td>.00</td><td>14</td><td>15 \$</td><td></td></t<>					Hanging baskets	12	\$	.00	14	15 \$	
atum	NT NAME CODE	PLANT NAME	CODE	PLANT N		PLANT NAN	Æ	CODE	PLANT NAN	AE Vegetabie	• C
nia	sum	Fuchsia	0385	Impations	other	Salvia			Broccoli, cab	bece.	
ty/garden	onia	Gazania Geranium, grown fr cuttings		Paney		Verbena			other cruci	fers	. 0
hus											
				including y	velkuusua sistaa ata l	in 1088 and					
port vince vine (V. major) and vince groundcover (V. minor) in section 5.	intentions for produ	iction in 1989 for t	he plants listed.	nonaang n	· · · · · · · · · · · · · · · · · · ·	ni 1300 and		Total a productio	nin 1988	intentions production in	for 19
port vince vine (V. major) and vince groundcover (V. minor) in section 5.		<b>TS</b>						X9117		9121	
Port vince vine IV. mejor) and vince groundcover (V. minor) in section 5.           Vart B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Total area in production in 1988 for the plants listed.           Vedding/garden plants         FLATS         X9117         X9121		••••	• • • • • • • • • • • • • • • • • • • •	•••••		••••••	•••••	X9122	X	9126	
bort vince vine (V. major) and vince groundcover (V. minor) in section 5.           Vart B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Total area in production in 1989 production in 1989 production in 1989 production in 1989 production in 1989.           Vedding/garden plants — FLATS         X9117         X9121           A. Geraniums         X9122         X9120	<ul> <li>All other flowering and folion</li> </ul>	ar type bedding/ga	rden plants			• • • • • • • • • • • • •		X9127	Sq. ft.	131	
bort vince vine (V. major) and vince groundcover (V. minor) in section 5.           Vart B — Complete this part by entering the area in production (including welkweys, sisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Total area in production in 1989 production in 1989 for the plants listed.           Vedding/garden plants — FLATS         X9117         X9121           Geraniums         Sq. ft.         Sq. ft.			ants for comme	ercial produ	uction.)	• • • • • • • • • • • •	· · · · · ·	X9132	Sq. ft.	3138	
bort vince vine IV. major) and vince groundcover IV. minor) in section 5.  Fart B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.  Forduction in 1988 Forduction in 198 Forduction in 1988 Forduction in 198									Sa. ft.		
Port vince vine (V. major) and vince groundcover (V. minor) in section 5.         Part B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Bedding/garden plants — FLATS         All other flowering and folier type bedding/garden plants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding - POTS         Hard/garden chrysenthemume								X9139	×s	145	
Port vince vine (V. major) and vince groundcover (V. minor) in section 5.         Part B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Hedding/garden plants — FLATS         - Geraniums       Sq. ft.         - All other flowering and folier type bedding/garden plants for commercial production.)       Xeit27         - Vegetable type bedding plants (Exclude transplants for commercial production.)       Xeit32         - Herdy/garden ohrysanthemums       Xeit46							•••••	X9146	×9	162	i
bort vince vine (V. major) and vince groundcover (V. minor) in section 5.           Part B — Complete this part by entering the area in production (including walkways, sisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Total area in production in 1988 production in 1988 and production in 1988 and for the plants listed.           bedding/garden plants — FLATS         X9117         X9121           a. All other flowering and folier type bedding/garden plants         Sq. ft.         X9122         X9122           b. All other flowering and folier type bedding/garden plants         Sq. ft.         X9132         X9132           b. Vegetable type bedding plants (Exclude transplants for commercial production.)         X9132         X9133         X9133           b. Hardy/garden chrysanthemums         X9139         X9146         X9139         X9146							·····	K@153		1169	
Port vince vine IV. mejor) and vince groundcover (V. minor) in section 5.         Part B — Complete this part by entering the area in production (including walkweys, sisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Fedding/garden plants — FLATS         All other flowering and foller type bedding/garden plants .         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding plants (Exclude transplants for commercial production.)         Vegetable type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding type bedding	d. All other flowering and folly	ar type bedding/ga	rden plants	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • •	·····	9160	Sq. ft.	166	
Port vince vine IV. mejor) and vince groundcover (V. minor) in section 5.         Part B — Complete this part by entering the area in production (including walkweys, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Feedding/garden plants — FLATS       Total area in production in 1988 and production in											
Port vince vine (V. major) and vince groundcover (V. minor) in section 5.         Part B — Complete this part by entering the area in production (including walkways, aisles, etc.) in 1988 and intentions for production in 1989 for the plants listed.         Bedding/garden plants — FLATS       Total area in production in 1988         All other flowering and folier type bedding/garden plants .       Sq. ft.         Vegetable type bedding plants (Exclude transplants for commercial production.)       Xei127         Vegetable type bedding plants — POTS       Xei138         All other flowering and folier type beddings       Sq. ft.         Xei132       Xei132         Xei134       Xei135         Geraniums,       Sq. ft.         All other flowering and folier type bedding/garden plants for commercial production.)       Xei132         Xei132       Xei139         Geraniums, grown from cuttings       Sq. ft.         All other flowering and folier type bedding/garden plants       Xei146         Sq. ft.       Xei132         Veita       Sq. ft.         Xei146       Xei152         All other flowering and folier type bedding/garden plants       Xei164         Xei146       Xei152         Sq. ft.       Xei169         Sq. ft.       Xei169         All other flowering and folier type bedding/gar	<ul> <li>Vegetable type bedding plan</li> </ul>	nts (Exclude transp	plants for comme	ərcial produ	ıction.)		·····	Inter		uction in 1980	

SECTION 3 Were there any CUT F		n this pla	ce in 1988?						
<sup>1</sup> 1 □ YES Complete parts A and B L 2 □ NO Go to section 4.	below.								
<ul> <li>Part A — Complete this part by entering specified in parentheses for e cultured plantiets, plug seedli</li> </ul>	g the plant name and code from each plant type in the plant list. lings, etc.) in section 7. If more	Report unfil	nished plant ma	aterial (cuttin	ngs, liners, tissu	9 Hot.			
				r	Total sales		Whole	sale salas on	div.
				Number	Dollars	oniy	Number	Dollars	
Plant name			Code	of units	1	1 2	of units	3	1
	]								I
					\$	.00		\$	
Plant name			Code		1	2		3	i
						.00			1.0
Plant name			Code		1	2		3	
									t t
					8	.00		\$	.0
Plant name			Code						E E
	]	L			\$	.00		6	j.o
Plant name			Code		1	2		3	
								ŀ	1
· · · ·				+ ·	\$	.00		\$	.0
Plant name			Code						
					\$	.00		\$	.0
Plant name		(	Code		1	2		3	1
									1
Plant name			Code		\$	1.00		8 3	1.0
						E 1			1
· · · · · · · · · · · · · · · · · · ·				ļ	\$	.00		3	.0
Plant name	<u> </u>		Code		1	1 2		3	1
						.00			.00
Plant name		(	Code		1	2		3	
									1
······			]		\$	.00		\$	1.00
Plant name			Code						ļ
					\$	.00		s	
Plant name		(	Code	Ι	1	2		3	1
									1
Plant name			Code	<u> </u>	1	.00		\$	.0
			,008						ł
				L	\$	00.		\$	
	PLANT NAME Gerbers daisy (blooms)	CODE	PLANT NAME Protea, sunbur		CODE		AME - LEI	FLOWERS	COD8
Anthurium (blooms)	Ginger, pink (blooms)	0769	cordifolium (t Protea, other	(blooms)	0825	Orchid, o Orchid, V	dendrobium ( /anda-Miss J	blooms) Daquim	0873
Bird of Paradise/ Straiitzia (stems) . 0733 Carnation, standard* (blooms) 0737 Carnation, miniature (bunches) 0741	Ginger, other (blooms) Gladiolus (spikes) Gypsophila (bunches) Heliconia (blooms)	0777	Rose, hybrid to Rose, sweethe Snapdragon (s	art (blooms)	0837	Pikake (s	s)strands) (blooms)		0877
(blooms)	1ris (biooms)	0797	Statice (bunch Stephanotis (b	nes)	0845	Tuberose Other lei	flowers -		0889
(bunches) 0749	Lity (blooms)	0801	Stock (stems) Tulip (blooms) Zinnia (blooms)		0853	Specify	variety and	unit	0893
laiev marcuarite (bloome) 0757	Orchid, cymbidium (blooms) Orchid, dendrobium** (sprays) Orchid, oncidium (sprays) Orchid, other** (blooms)	0813	Other cut flows	ers —	0865				
Report heads separately under lei flowers (code	o 0869).								
* Report blooms for lei flowers separately under	r <b>appropriate l</b> ei flower code (code C	)873 or 0877	9.						
Part B — Complete this part by entering (including walkways, alsies, etc.)	etc.) in 1988 and intentions	Total ola	nts grown in 1	988	Total area i	n	in	tentions for	
for production in 1989 for the	9 piants listed.	x9004		×9005	production in 1	988	borq e00ex	uction in 198	89
I. Carnations, standard		X9010		Number X9011		Sq. ft.	X9015		\$q. 1
2. Carnations, miniature				Number		Sq. ft.			Sq. 1
3. Chrysanthemums, standard		X9028		X9029 Number		Sq. ft.	×9033		Sq.
		×9034		×9035			×9039		
L Chrysanthemums, pompon		X9016		Number X9017	·	Sq. ft.	X9021		Sq.
. Roses, hybrid tea	· · · · · · · · · · · · · · · · · · ·	X9022		Number X9023		Sq. H	X9027		Sq
. Roses, sweetheart				Number		Sq. ft.			Sq.
							1		Tenths
				X9045	Whole acres	Tenths	X9049	acres	
7. Gladioli				X9045		Tenths	X9049	80785	1

<ul> <li>Part A — Complete this part by entering the plant name and cod specified in parentheses for each plant type in the plan is needed, list additional plants on a separate sheet.</li> </ul>	nt list. Include quanti	y grown and sol	d for export.	ne unit If more space			
				al sales		Wholesa	io sales c
			of units	Dollars only	-,	Number of units	Dollar
Pient name	Co:	•					
				¢ 1	.00		8
Plant name	Co	le		· · ·	2	3	6- 
				- I	.00		
Plant name	Coc	e		1	2		<u>,</u>
				1			
Piant name	Cod				.00 2		<u>4</u> 3
				i			
				•	.00		<u>}</u>
Plant name	Cod	•		i			
L				<b>s</b> l	.00		•
Plant name	Cod	•	1		2	3	•
				1 }	.00		*
Piant name	Cod	e			2	3	·
L				ا ا	.00		
Plant name	Cod	•			2		,
				i I			
Plant name	L Cod			<u>ه</u> ار ا	.00		<u> </u>
		•	1	1			
<u> </u>				1 1 1	.00		<u>}</u>
Plant name	Cod	•		t I	ľ	ľ	
				۱ ۱	.00		
Plant name	Cod	•	1	1	2	3	
L				1 1 1	.00		•
Plant name	Cod		1		2	3	
Plant name	Cod			·	.00 2		
				1			
Plant name	[			·	.00		<u> </u>
				1 1 1			
			\$		.00		
Plant name	Cod	<u> </u>	ľ	1	ſ		
L					.00		
Plant name	Cod	•	1	1 1 1	2	3	
L			3		.00		
Plant name	Cod	•	1	1	2	3	r
			Å	1 1 1	.00		
Plant name	Cod	•	1		2	3	·
				1 1			
			8		.00	!•	
PLANT NAME         CODE         PLANT NAME           Asparagus (bunches)         0897         Cordylins/Ti (stame)           Boxwood (pounds)         0901         Heders/try (vines)           Conferous greene (pounds)         0905         Holly (pounds)	0000	ANT NAME sckleberry/Selai (b athericaf forns (b agon/Sword forns	unches) , Inches) , I (bunches)	. 0921 Pi . 0925 Sr . 0929 Ot	milex (st ther cut (	ABLE Im (bunches) . trings) cultivated floris variety, and uni	t greene -
<ul> <li>Part B — Complete this part by entering the area in production (in 1999) and instances in the area in production (in 1999) and instances in the area in production (in 1999).</li> </ul>	including walkways,	aisles, etc.)		otal area in luction in 1988		inter	ntions for
in 1988 and intentions for production in 1989 for the p	elants listed.		Whole	uction in 1988	enthe	Whole ac	tion in 19

Page 5

1	ny NURSERY PLANTS grown	for sale on	this place in	n 198	8?					
2 NO - Go to section										
of sales for each p	t by entering the plant name and coo lant type that was grown for sale. R etc.) in section 7. Also, report plan	leport unfinisi	hed plant mate	rial (lin	ers, cuttings,	tissue				
material in section	7. If more space is needed, list add	itional plants o	on a separate s	heet.	i ee preninane	a piant				
					Тс	otal sales		Who	esale sales	oniy
				ſ	Number of plants	Dollars o	nly	Number of plants		lars only
	Tant name		Code			1	- <del>r -</del>	2	3	
				1			-			t t
				1		\$	.00		8	.00
P	lant name		Code	וו			i	-	ľ	t t
						\$	1.00		\$	.00
P	Tent name		Code			1	1	2	3	
							i			i
P	lant name		Code			\$	1.00	2	3	1.00
				1			į			i I
		L_				\$	.00	2	\$	.00
P	lant name		Code	1			1	l.		l l
				]		s	i i.oo		\$	.00
P	lant name		Code			1	ļ	2	3	
							i I			i t
			Code			8	00.	2	\$ 3	.00
	fant name			1			1			1
						s	.00		\$	.00
P	Sant namé		Code	1 I		1	1	2	3	1
						\$	1.00			1.00
P	lant name		Code	$\neg$		1	1	2	3	
				]			l			i
				1.		\$	.00	2	\$	.00
P	lant name	[	Code	1			Ì			İ
				J		\$	.00		\$	.00
P	lant name		Code	,		1	1	2	3	t t
<u> </u>						3	00			
P	lant name		Code	-+		1	.00	2	3	00.
										i
						\$	.00	2	8	.00
P	lant name		Code	1			i			j L
						\$	.00		\$	.00
P	lant name		Code	,		1	1	2	3	1
										1
						•	00.			.00
DECIDUOUS CODE SHADE TREES	DECIDUOUS CODE FLOWERING TREES	BROAD-LEA EVERGREEP	1 <b>F</b> 1	CODE	OTHER ENVIRONN	ENTALS	CODE	FRUIT AN PLANTS	D NUT	CODE
Ash	Amelanchier	Euonymus .		1037	Deciduous s (except ro	888)	1081	fruit trees	subtropical	1105
Linden	Dogwood 1001	Pittosporum		1045	Roses	Nrs	1085	Deciduous nut trees	fruit and	1109
Pin cak         0961           Red maple         0965           Red cak         0969           River birch         0973           Super maple         0973	Flowering cherry 1005 Flowering plum	Other broad- evergreens	on leaf — Specify	1053	Other herba (e.g., host	ceous plants as, peonles,		Small fruit	plants	
	Hawthome 1017 Redbud 1021 Saucer macpolia 1025	NARROW-LI		CODE	Other enviro	irises)* Inmentals —		Other fruit	, etc.} and nut Specify	1117
Sweet gum	Saucer magnolia	For outdoor u		1057	0,000,000					
		Pine Spruce		1061						
		Yew Other narro	1	1069						
*Report flowering and vegetable bed	lding plants in section 2.		trnas trees 1							
Part B - How many of the n grapevines, and sm	nursery produced plants (ornamenta nall fruit plants) reported in part A al	l plants, fruit i bove were -	and nut trees,		None	Number sold	Tota	Sales	Whole	sale sales
					_	1125	1126		1127	
	, balled and burlapped, bailed and p				_	1128	\$		1130	.00
Z. Container grown plants					🛛	1 131	\$ 1132		1133	.00
3. Other - Specify						<u> </u>	\$		0 \$	.00
		1	Page 6							

sales for each plant type that was grown for sale. Report unfinished plan plant material in section 7. If more space is needed, list additional plants		•			_	
	Type of container		tal sales Dollars only	,	Wholes Number of containers sold	Dollars
P	ots under 4 inches		1 \$	.00	2	3
F	ots 4 to 7 inches	4	\$	.00	8	7
	ots 8 to 13 inches	8	•	.00	10	11
	tots 14 to 22 inches	12	13	.00	14	15 \$
	ots over 22 inches	16	17	.00	18	19
н	langing baskets Inder 8 inches	20	21	.00	22	23
E	langing baskets inches or more	24	25	.00	1 <sup></sup>	27
	ots under 4 inches		1	.00		3
F	ots 4 to 7 inches	4	5	.00	8	7
		8	8		10	11
	ots 8 to 13 inches	12	13	.00	14	\$ 15
	ots 14 to 22 inches	16	\$   17	.00	18	\$ 19
E E E E E E E E E E E E E E E E E E E	tots over 22 inches tanging baskets inder 8 inches	20	\$ 21	.00	22	\$ 23
	ianging baskets	24	\$ 25	.00	26	\$ 27
8	inches or more		\$ 1	.00	2	\$ 3
Pi	ots under 4 inches	4	\$ 5	.00	8	\$ 7
P	ots 4 to 7 inches	8	\$ 9	.00	10	\$ 11
Plant name Code P	ots 8 to 13 inches	12	\$	.00	14	\$ 15
	ots 14 to 22 inches	18	\$	.00	18	\$
	ots over 22 inches	20	\$	.00	22	\$
	langing baskets Inder 8 inches	24	\$	.00	26	\$
H 8	langing baskets inches or more		\$	.00		\$
P	ots under 4 inches		\$ 5	.00		3
P	ots 4 to 7 inches	·	5 \$	.00	6	7 \$
Plant name Code P	ots 8 to 13 inches	8	9 \$	.00	10	τ1 \$
P	ots 14 to 22 inches	12	13 \$	.00	14	15 \$
[P	Pots over 22 inches	16	17 \$	.00	18	19 \$
H	langing baskets Inder 8 inches	20	21 \$	.00	22	23 8
H	langing baskets inches or more	24	25 \$	.00	26	27 \$
	ots under 4 inches		\$	.00	2	3 \$
F	ots 4 to 7 inches	•	5	.00	8	7
-	ots 8 to 13 inches	8	9   1	.00	10.	11
		12	13	.00	14	15
	tots 14 to 22 inches	18	17	1	18	19
	ots over 22 inches langing baskets Inder 8 inches	20	21	.00	22	23
н	langing baskets	24	\$ 25	.00	28	\$ 27
	inches or more		\$1	.00	2	3
	ots under 4 inches	4	\$ 5	.00	6	\$
Γ	ots 4 to 7 inches	8	<b>\$</b> 9	.00	10	8 11
Plant name Code P	ots 8 to 13 inches	12	\$ 13	.00	14	\$ 15
<u> </u>	ots 14 to 22 inches	18	<b>\$</b> 17	.00	18	\$ 19
	tots over 22 inches	20	\$ 21	.00	22	\$ 23
Frank and the second second second second second second second second second second second second second second	langing baskets Inder 8 inches	24	\$ 25	.00	28	\$ 27
18	langing baskets inches or more	1		.00	(	4

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1

				1		T	tal selec		M/boless	le sales only
				Type of contain	ner	Number of	tal sales		Number of	le sales only
						containers sold	Dolla	ars only	containers sold	Dollars only
				Pots under 4 inche	es	4	\$	.00		\$}
				Pots 4 to 7 inches		ĺ	\$	.00		\$
Plant name		Code	_	Pots 8 to 13 inche	s	8	9 \$	.00		\$
				Pots 14 to 22 inch	es	12	13 \$	.00		15 I
						16	17		18	19
				Pots over 22 inche Hanging baskets		20	\$ 21	00.1	22	\$ 23
				under 8 inches Hanging baskets		24	\$	00.1		\$ 1
100 ( BOS ( Bos (				8 inches or more		1	\$ 1	00.	1	\$
				Pots under 4 inche	əs	4	\$	.00		\$
				Pots 4 to 7 inches		. ———	\$	.00		ş
Plant name		Code	-	Pots 8 to 13 inche	6		\$	00.		\$
				Pots 14 to 22 inch	05	12	13 \$	.00	1 (	15 \$
				Pots over 22 inche		18	17 \$	.00	1 1	19   \$
				Hanging baskets under 8 inches		20	21		! !	23
				Hanging baskets		24	25	.00	26	\$] 27
				8 inches or more			1	.00		\$ 3
				Pots under 4 inche	6	4	\$ 5	1.00		\$  7
				Pots 4 to 7 inches		8	\$ 9	.00		\$ I 11 I
Plant name		Code	_	Pots 8 to 13 inches	s	12	\$	.00		\$ 15
				Pots 14 to 22 inch	88		\$	.00		\$
				Pots over 22 inche	8	16	17 \$	.00		19 \$
				Hanging baskets under 8 inches		20	21 \$	.00		23 \$
				Hanging baskets 8 inches or more		24	25 \$	.00	26	27
							1	ł	2	3
				Pots under 4 inche	98	4	\$ 5	1.00		\$ <u> </u> 7
				Pots 4 to 7 inches		8	\$ 9	.00		\$ 11
Plant name		Code	-	Pots 8 to 13 inches	8	12	\$	.00		\$
				Pots 14 to 22 inch	<del>o</del> s	16	\$	00.		\$ Í
			_	Pots over 22 inche	8		\$	.00		ہ \$ 1
				Hanging baskets under 8 inches		20	21 \$	.00	1	
				Hanging baskets 8 inches or more		24	25 \$	.00		27 l \$
· · · ·			-	Pots under 4 inche			1 \$	.00	2	
						4	5		6	· · · · · · · · · · · · · · · · · · ·
				Pots 4 to 7 inches		8	\$ 9	.00	10	\$    1
Plant name		Code	٦	Pots 8 to 13 inches	6	12	\$ 13	.00	14	\$! 15
				Pots 14 to 22 inche	88	16	\$ 17	.00	18 1	\$ 19
				Pots over 22 inche	8	20	\$	.00		\$! 23!
				Hanging baskets under 8 Inches		24	\$	.00		1
				Hanging baskets 8 inches or more			\$	.00		<b>,</b>
NT NAME CODE onema	PLANT NAME Epipremnum (Pothos)	) <b>. 1</b> 3	DDE 246	PLAN Paims					PLANT NAME Spathiphyllum	Ci
and succulents 1162 enbachia 1190	Ferns		274 302	Philod Schef	lendi flera	ron	. 1386		Syngonium (Nepl Other foliage plan	nthytis) 1 Its —
bena 1218	Hedera (Ivy)					flera)			Specify	1
Part B — Complete this part for FOL walkways, aisles, etc.) in 1 foliage plants, and intentio	AGE MLAN I S FOR INDO 988, total value of sale ns for production in 198	ooR OR I is in 1986 39 for the	PATIC 3 for p plant	USE grown for sa otted foliage plan s listed.	ale i ts, t	n 1988. Enter ti otal value of wh	ne area in Iolesale s	production ales in 198	uncluding 9 for potted	
••••••••••			Total	cost for unfinishe		Total value of				Intertions 4
	Total are production in	ain <sup>1</sup>	foliag f	e plants and roote	d	(wholesale and of potted for	l retail) liage	wholes	value of ale sales of	Intentions f potted folia production i
	(Square 1	feet)	purch 1988	ased from others i for "Growing On" (Dollars)	in	plants grown b 1988 (Dollars		potted fo (E	liage in 1988 ollars)	1989 (Square fee
	X9112	×	(9114	(Loniars)	×	(Dollars) 9113	1	X9115		9118
		s	•	.0	0 \$		.00	\$	.00	
Foliage plants - POTS					_		_			
Foliage plants - POTS	······ <u>L</u>	<u>I</u> *			_			inter	tions for productions for productions for productions for productions (Number of ba	tion in 1989 skets)

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0007 1 ☐ YES - Complete this	section by entering th	e plant name	and cod	le from the list below. Re so, report plant material s	port the numb	er sold and				
$2\square NO - Go to section$	prefinished plants. If r	nore space i	s needed	l, list additional plants on	a separate sh	bet.				
				Type of unfinished	Number	otal sales		Wholes	ale sales only	
				plant material	sold	Dollars or	** 	sold	Dollars of 3	niy 
				Cuttings	4	\$	00.	6	\$	
Plant name		Cod	e	Liners	8	\$	00.	10	\$	
				Plug seedlings	12	\$	.00	14	\$	4
				Prefinished plants	18	\$	.00	18	\$	-
				Tissue cultured plantlets		\$	00.		\$	
				Cuttings		\$	00.	•	\$	
Plant name		Cod	e	Liners	4	5 \$	.00	.6	7 \$	
				Plug seedlings	8	9 \$	1.00	10	11 \$	
				Prefinished plants	12	13	.00	14	15 \$	
				Tissue cultured plantlets	18	17	.00	18	19	
						1	1.00	2	3	-
_				Cuttings	4	5	1	6	2	-
Plant name		Code	9	Liners	8	\$ 9	i .00	10	\$ 11	
				Plug seedlings	12	\$ 13	.00	14	\$ 15	_
				Prefinished plants	18	\$ 17	.00	18	\$	_
				Tissue cultured plantlets		\$	.00	2	\$	-
				Cuttings		\$	.00		\$	
Plant name		Code	, 	Liners		\$	.00	• 	\$	
				Plug seedlings	8	9 \$	.00	10	11 \$	
		<u> </u>		Prefinished plants	12	13 \$	.00	14	15 \$	
				Tissue cultured plantlets	18	17 \$	.00	18	19 \$	-
				Cuttings		1	.00	2	3	
Plant name		Code		Liners	4 -	5	.00	8	7	
					8	9	1	10	11	-
		L		Plug seedlings	12	\$ 13	<b>.00</b>	14	\$ 15	-
				Prefinished plants	16	\$	.00	18	\$ 19	-
				Tissue cultured plantlets		\$	.00	2	\$	_
				Cuttings	4	\$	00.	6	\$	_
Plant name		Code		Liners		\$	00.	10	\$ 11	
				Plug seedlings		\$	.00		\$	
				Prefinished plants	12	13 \$	.00	14	15 \$	
				Tissue cultured plantlets	16	17 \$	.00	18	19 \$	
				Cuttings		1 \$	i .00	2	3 \$	
Plant name		Code		Liners	4	5		8	7 \$	
				Plug seedlings	8	9	.00	10	11	-
		L			12	13	!	14	15	-
				Prefinished plants	16	\$	.00	18	\$ 19	_
ANT NAME - Potted CODE	PLANY NAME - Beddi	ing/ CODE	PLANT	Tissue cultured plantlets	PI ANT NA	s ME — Nursery	(.00	PLANT NAMI	\$	
woring           ican violat           sintpaulia)         1526           slee         1546           yeanthemum         1566           bera daiay         1586           sicus         1608           anchoe         1626	Garden Chrysanthemum, hardy, garden Geranium from cutting Geranium from seed or seedings no seedings New Guinea Rose Other bedding/garden plants - Specify	/ 1726 s 1746 1786 1806	Cut flow Carnatic Carnatic Chrysan Chrysan Gerbera Orchid, Orchid, Bose, htt	ver m, standard 1846 m, miniature 1886 themum, standard 2654 daisy 1906 cattleys 1926 cattleys	Broad-leaf e Citrus and a Deciduous t and nut tr Deciduous a Deciduous a Herbaceous Narrow-leat	evergreens subtropicals Rowering trees . fruit ees shade trees shade trees plants	2046 2086 2086 2106 2128 2146 2168	Agiaonema . Dieffenbachia Draceena Epipremnum ( Ferns Ficus Paims Philodendron Schefflera (Bru and/or Sche	Pothos)	
Y 1646 Dinsettia 1666 Dise 1686 ther potted flowering Diants — <i>Specify</i> 1706	plants – Specify	1826	Rose, s Other cu	other 1956 ybrid tee 1986 weetheart 2006 It flowers – y	Narrow-leat evergreen Roses Vines (lands	scape) ry lining- - Specify	2186 220 <del>6</del> 2228	Schefflera (Bri and/or Sche Spathiphylium Syngonium (N Other foliage	(fiera) (fiera) (phthytis)	

SECTION 8 Was SOD grown for sale on this pla	ce in 1988?									
$_{2}$ 1 VES - Complete this section. 2 NO - Go to section 9.			A	Acres harves	sted		Value of	gros: Dolla	s sales in 1988 rs only)	
			1	nole acres	Tenths		Totel		Wholesale se	les
I. Sod grown for sale			2506		/10	2507 \$		.00	2508 \$	
SECTION 9 Were any DRIED BULBS, CORMS, USED FOR FORCING) grown for sa	RHIZOMES, C	OR TUBERS							·	
	•			Acres harv	ested		Value of	gross	sales in 1988	
0009 1 YES — Complete this section. Report finished for in appropriate sections 1 and/or 3.	rced products		<u> </u>	hole acres	Tenths		(i	Dollai	wholesale a	
$_{2}$ NO – Go to section 10.			2509			2510			2511	
1. Dried bulbs, corms, rhizomes, or tubers grown for sale SECTION 10 Were any CULTIVATED MUSHROO	MS grown fo		· I		/10	\$		.00	\$	
this place in 1988? - See informat	ion sheet.	r		_		<u> </u>				
$\begin{array}{rcrcr} & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ &$		Pounds		Bed (Squar			Value of (i	gros Dolla	s sales in 1988 rs only)	
	•	2512		2513		2514	lotel .	<u>,                                    </u>	Wholesale s	iles
1. Cultivated mushrooms						\$		.00	1	j
SECTION 111 Were any GREENHOUSE PRODUC TRUCK CROP PRODUCTION OR V	ED VEGETAB EGETABLE S	LES, VEGET EEDS grown	ABLE /produ	TRANSF uced for a	PLANTS Haie on ti	FOR CON	IMERCI n 19887	AL		
<ul> <li>2 NO – Go to section 12.</li> <li>Part A – GREENHOUSE PRODUCED VEGETABLES - Enter the hiformston below. Report beddin vegetable plants in section 2. If more space needed, list additional plants on a separate sheet.</li> </ul>	a						ue of aros			
	Square	e feet under glass otection used in	or othe 988	r			(Dolla	s sale	(y)	
	2518				2617	Total		2518	Wholesale sale	•
1. Cucumbers	2519				\$ 2520		.00	\$ 2521		
2. Lettuce	2622				\$ 2523		00.	2524		
3. Pappers	2525				\$ 2526		00.	\$ 2527		
4. Tomatoes					\$		.00			
	2528				2529			2530		
Other greenhouse produced vegetables Specify      Part B VEGETABLE TRANSPLANTS FOR     COMMERCIAL TRUCK CROP     PRODUCTION Enter the information					\$	Val		\$	s in 1988	
Other greenhouse produced vegetables - Specify      Pert B - VEGETABLE TRANSPLANTS FOR     COMMERCIAL TRUCK CROP	Square feet ur glass or oth	6r	es in the	-		Valu		\$ s sale	s in 1988 iyi Wholessle sale:	
Other greenhouse produced vegetables Specify      Part B VEGETABLE TRANSPLANTS FOR     COMMERCIAL TRUCK CROP     PRODUCTION Enter the Information     below, Report bedding vegetable plants in     section 2. If more space is needed, list	Square feet ur	nder Acr	es in the	open Tenths			ue of gros:	\$ s sale	iyi	
Other greenhouse produced vegetables Specify  Part B VEGETABLE TRANSPLANTS FOR COMMERCIAL TRICK CROP PRODUCTION Enter the information below. Report bedding vegetable plants in asection 2, if more spece is needed, list additional plants on a separate sheet. None	Square feet un gless or oth protection	nder Acr er Whole	es in the	-	\$ 2533 \$		ue of gros:	\$ s sale rs on 2534	iyi	
Other greenhouse produced vegetables - Specify  Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below, Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.  None  I. Broccoli, cabbage, cauliflower, and other crucifers	Square feet ur gless or oth protection 2531	er Acr Whole 2532	es in the	Tenths	\$ 2533 \$ 2537 \$		ue of gross (Dolla	\$ s sale rs on 2534 \$ 2538 \$	Wholesale sale:	
Other greenhouse produced vegetables - Specify      Part B - VEGETABLE TRANSPLANTS FOR     COMMERCIAL TRUCK CROP     PRODUCTION - Enter the information     below, Report bedding vegetable plants in     section 2. If more space is needed, list     additional plants on a separate sheet.     □ None     Special, cabbage, cauliflower, and other crucifers     Peppers, sweet or hot     Tomatoes	Square feet ur glass or oth protection 2831 2838 2839	Ader er 2532 2536 2540	es in the	Tenths /10	\$ 2533 \$ 2537 \$ 2541 \$		Le of gross (Dolla	\$ \$ sale \$ sale \$ 2534 \$ 2538 \$ 2542 \$	Wholesale sale:	
Other greenhouse produced vegetables - Specify      Part B - VEGETABLE TRANSPLANTS FOR     COMMERCIAL TRUCK CROP     PRODUCTION - Enter the information     below, Report bedding vegetable plants in     aection 2. If more space is needed, list     additional plants on a separate sheet.     \begin{aligned}     None     Stoccoli, cabbage, cauliflower, and other crucifers     Peppers, sweet or hot     Tomatoes	Square feet ur gless or oth protection 2831 2635	nder er 2532 2536	es in the	/10 /10 /10	\$ 2533 \$ 2537 \$ 2541 \$ 2545		1 of gros: (Dolla)	\$ \$ sale <i>rs on</i> 2534 \$ 2538 \$ 2542	Wholesale sale:	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRICK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur gless or oth protection 2635 2639 2643	2532 2536 2544	acres	Tenths /10 /10	\$ 2533 \$ 2537 \$ 2541 \$ 2545	Totai	Le of gross (Dolla) .00 .00 .00 .00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ly/ Wholesale sale:	
	Square feet ur gless or oth protection 2631 2635 2643 2643	Ader r 2532 2532 2536 2540 2544 Area used in 19 Ader Acr	acres	Tenths /10 /10 /10 /10	\$ 2533 \$ 2537 \$ 2541 \$ 2545	Total	le of gross (Dolla .00 .00 .00 .00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ly/ Wholesale sale: is in 1988 (y)	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information bedding upgetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li></ul>	Square feet ur glass or oth protection 2831 2835 2839 2643 Square feet ur glass or oth protection	Ader er 2532 2536 2540 2540 2544 2544 Area used in 19 Area used in 19 Area Whole	es in the acres 88 es in the	Tenths /10 /10 /10 /10	\$ 2553 \$ 2537 \$ 2541 \$ 2545 \$ 2546 \$ \$	Totai	Le of gross (Dolla) .00 .00 .00 .00	\$ \$ sale rs on 2534 \$ 2542 \$ 2542 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ly/ Wholesale sale:	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK GROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur gless or oth protection 2831 2835 2843 2843 Square feet ur gless or oth protection 2847	Ader er 2532 2536 2540 2544 2544 Area used in 19 Area used in 19 2548	es in the acres 88 as in the acres	Tenths /10 /10 /10 /10 /10 /10 /10 /10	\$ 2533 \$ 2537 \$ 2541 \$ 2546 \$ 2546 \$ 2549	Total	Le of gross (Dolla) .00 .00 .00 .00	\$ 2534 \$ 2534 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2542 \$ 2544 \$ 2546 \$ 25 \$ 2546 \$ 25 \$ 2546 \$ 2546 \$ 2546 \$ 2546 \$ 2546 \$ 2546 \$ 2546 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 25 \$ 2	ly/ Wholesale sale: is in 1988 (y)	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, end other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur gless or oth protection 2633 2635 2643 2643 2643 2643 2643 2644 2643 2644 2645 2645 2647 2647 2647 2647	Ader er 2532 2532 2536 2540 2544 Area used in 19 Area used in 19 2544 this place in 1	es in the acres 88 as in the acres	Tenths /10 /10 /10 /10 /10 /10 /10 /10	\$ 2533 \$ 2537 \$ 2541 \$ 2546 \$ 2546 \$ 2549	Total	le of gros: (Dolla ) .00 .00 .00 .00 .00 .00 .00 .00 .00	\$ sale rs on 2534 \$ 2542 \$ 2542 \$ \$ 2546 \$ \$ 2550 \$ 2550	y/ Wholesale sale s in 1988 ly/ Wholesale sale	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more spece is needed, list additional plants on a separate sheet.</li> <li>None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur glass or oth protection 2831 2835 2839 2643 2643 Square feet ur glass or oth protection 2647 2647	Ader er 2532 2536 2536 2536 2540 2544 2544 Area used in 19 Area	eres in the acres	Tenths /10 /10 /10 /10 /10 /10 /10 /10	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Valu Total	Le of gross (Dolla ).00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ sale 2534 \$ 2534 \$ 2546 \$ 2546 \$ 2546 \$ 2546 \$ 2556 \$ 2556 \$ 2558 \$ 2558 \$ 2558 \$ 2558 \$ 2558 \$ 2554 \$ 25550 \$ 25550 \$ 25550 \$ 25550 \$ 25550 \$ \$ 25550 \$ \$ 25550 \$ \$ \$ 25550 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	y/j Wholesale sales is in 1988 /y/ Wholesale sales sales in 1988 <i>rs only</i> .)	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list edditional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet un glass or oth protection 2833 2839 2843 Square feet un glass or oth protection 2847 2847 df for sale on t Acree Per Whole acc 2851	Ader Acr Vhole 2532 2536 2536 2536 2540 2544 Area used in 19 Area used in 19 Area used in 19 Area used in 19 Acr this place in 19 S grown res 1 Tenths 1 Tenths	es in the acres 88 88 88 88 88 88 88 88 88 88 88 88 88	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Valu Total	10 of gross (Dolla (Dolla ).00 ).00 ).00 ).00 ).00 ).00 ).00 ).0	\$ \$ sale rs on 25536 \$ 25540 \$ 25550 \$ 25500 \$ 25000 \$ 200000 \$ 200000 \$ 2000000 \$ 2000000 \$ 2000000 \$ 2000000 \$ 2000000 \$ 20000000000	y/j Wholesale sale: s in 1988 y/j Wholesale sale: s sales in 1988 rs only/j Wholesale sa	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2: If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li></ul>	Square feet un glass or oth protection 2833 2839 2843 Square feet un glass or oth protection 2847 2847 df for sale on t Acree Per Whole acc 2851	Acres used in 19 Acres used in 19 Area used in	es in the acres 888 888 888 888 888 888 888 888 888 8	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Valu Total	10 of gross (Dolla (Dolla ).00 ).00 ).00 ).00 ).00 ).00 ).00 ).0	\$ \$ sale rs on 2534 \$ 2534 \$ 2546 \$ 2546 \$ 2556 \$ 2556 \$ 25550 \$ 25500 \$ 25000 \$ 2500	y/j Wholesale sales s in 1988 y/j Wholesale sales s sales in 1988 rs only/ Wholesale sales z 554 2554 2554	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Pert B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more spece is needed, list additional plants on a separate sheet.</li> <li>None</li> <li>1. Broccoil, cabbage, cauliflower, end other crucifers</li> <li>2. Peppers, sweet or hot</li> <li>3. Tomatoes</li> <li>4. Other vegetable transplants for commercial truck crop production - Specify 2</li> <li>Pert C - VEGETABLE SEEDS - Enter the information below.</li> <li>None</li> <li>1. Vegetable seeds</li></ul>	Square feet ur glass or oth protection 2831 2835 2839 2643 2643 Square feet ur glass or oth protection 2647 2647 Acree Whole ac 2851	Acr Acr Vhole 2532 2536 2536 2540 2540 2544 Area used in 19 Acr of Whole 2544 2544 Acr of Whole 2544 Acr of Tenths I antheritation of the second of	es in the acres	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Totai Valu Totai 2553 \$ 2657 \$ 2651	10 of gross (Dolla (Dolla ).00 ).00 ).00 ).00 ).00 ).00 ).00 ).0	\$ \$ sale rs on 2534 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2558 \$ 20 \$ \$	y/j Wholesale sale: s in 1988 (y) Wholesale sale: s sales in 1988 s only Nolesale sale: 2554 \$ 2555 \$	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below, Report bedding vegetable plants in section 2. If more spece is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoil, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur gless or oth protection 2831 2835 2843 2843 Square feet ur gless or oth protection 2847 d for sale on 1 Acre: ne Whole acc 2851 2856	Ader er 2532 2532 2536 2530 2530 2540 2544 Area used in 19 2544 Area used in 19 2544 Area used in 19 2548 10 10 10 11 11 11 11 11 11 11	88 88 88 88 88 88 88 88 88 88 88 88 88	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Valu Total 2653 \$ 2657 \$ 2657 \$ 2657 \$	10 of gross (Dolla (Dolla ).00 ).00 ).00 ).00 ).00 ).00 ).00 ).0	\$ 2534 \$ 2536 \$ 2536 \$ 2536 \$ 2542 2542 \$ 2556 \$ 2566 \$ 20	/y/           Wholesale sale:           sin 1988           /y/           Wholesale sale:           wholesale sale:           y/           Wholesale sale:           y//           Wholesale sale:           y//           wholesale sale:           y//           wholesale sale:           y//           y// </td <td></td>	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK GROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoil, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur gless or oth protection 2531 2535 2539 2543 Square feet ur gless or oth protection 2547 2551 2556 2556	Acr Acr Vhole 2532 2536 2536 2540 2540 2544 Area used in 19 Acr of Whole 2544 2544 Acr of Whole 2544 Acr of Tenths I antheritation of the second of	88 88 88 88 88 88 88 88 88 88 88 88 88	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Velu Total 2553 \$ 2657 \$ 2657 \$	1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ \$ sale rs on 2534 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2538 \$ 2558 \$ 20 \$ \$	/y/           Wholesale sale:           sin 1988           /y/           Wholesale sale:           wholesale sale:           y/           Wholesale sale:           y//           Wholesale sale:           y//           wholesale sale:           y//           wholesale sale:           y//           y// </td <td></td>	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2: If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li></ul>	Square feet ur           Square feet ur           gless or oth           protection           2831           2635           2839           2643           Square feet ur           gless or oth           protection           2643           Acres           Whole acr           2655           2559           2559           2553	Ader er 2532 2532 2536 2530 2530 2540 2544 Area used in 19 2544 Area used in 19 2544 Area used in 19 2548 10 10 10 11 11 11 11 11 11 11	as in the           acres           88           ss in the           acres           (Pol           2852           2550           2550           2550           2550           2550           2550           2550           2550	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Totai Valu Totai 2553 \$ 2557 \$ 2565 \$ 2565 \$ 2565 \$	1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ 2534 \$ 2536 \$ 2536 \$ 2536 \$ 2542 2542 \$ 2556 \$ 2566 \$ 20	I/r)           Wholesale sale:           s in 1988           I/r)           Wholesale sale:           wholesale sale:           sales in 1988           I/r)           Wholesale sale:           sales in 1988           I/r)           Wholesale sale:           sales in 1988           so sales in 1988           so sales in 1988           So sales in 1988           So sales in 1988           so sales in 1988           so sales in 1988           So sales in 1988	ics
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Part B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK GROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur glass or oth protection           2531           2535           2539           2643           Square feet ur glass or oth protection           2643           Square feet ur glass or oth protection           2647           df for sale on fe           Acres           Protection           2551           2555           2559           2559           2555           2555           2557	Acrosoft Acr	88 88 99 in the acres 99 in the acres 2550 2550 2550 2550 2550 2550 2550 255	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Totai Valu Totai 2553 \$ 2657 \$ 25657 \$ 25657 \$ 25657 \$ 25657 \$ 25657 \$	1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ 2534 \$ 2538 \$ 2542 \$ 2546 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25500 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 25000 \$ 200000 \$ 200000 \$ 20000 \$ 20000 \$ 20000 \$ 20000 \$ 20000 \$ 200000	/// Wholesale sale: s in 1988 /// Wholesale sale: s sales in 1988 s only Wholesale sale: s sales in 1988 s only Wholesale sale: s sales in 1988 s only Solesale sale: sale: s sale: s sa	
<ul> <li>5. Other greenhouse produced vegetables - Specify 2</li> <li>Pert B - VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION - Enter the information below. Report bedding vegetable plants in section 2. If more spece is needed, list additional plants on a separate sheet.</li> <li>□ None</li> <li>1. Broccoli, cabbage, cauliflower, and other crucifers</li> <li>2. Peppers, sweet or hot</li></ul>	Square feet ur pless or oth protection           2531           2535           2536           2537           2538           2543           2543           255           255           255           2551           2555           2556           2556           2559           2563           2567           2571	Area used in 19 2540 2540 2540 2544 Area used in 19 2544 2544 2544 2544 2544 2544 2545 2546 2546	ss in the           acros           88           ss in the           acros           gas in the           acros           2568           2564           2564           2564           2554           2554           2554           2554           2557	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Velu Total 2553 \$ 2557 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ 2555 \$ \$ 2555 \$ \$ \$ \$	1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ sale 2534 \$ 2538 \$ 22546 \$ 22556 \$ 200 \$	/// Wholesale sale: sin 1988 (y) Wholesale sale: wholesale sale: sales in 1988 solicy Wholesale sale: solicy Wholesale sale: solicy 2554 \$ 2559 \$ 2559 \$ 2569 \$ 2570 \$ \$ 2570 \$ 2570 \$ 2570 \$ \$ 2570 \$ \$ 2570 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
	Square feet ur gless or oth protection           2631           2635           2636           2643           Square feet ur gless or oth protection           2643           2644           2655           2657           2658           2659           2663           2657           2671           2675           2679	Acr           er         Whole           2532         2532           2532         2540           2544         2544           Area used in 19         Acrea used in 19           or         Acrea used in 19           s grown         2548           i         /110	as in the           acres           88           as in the           acres           generation           generation </td <td>Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti</td> <td>\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ </td> <td>Total Valu Total 2553 \$ 2557 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ \$ 2565 \$ \$ 2565 \$ \$ 2565 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0</td> <td>\$ sale \$ 25550 \$ 22542 \$ 200 \$ 200</td> <td>// j Wholesale sale: s in 1988 // Wholesale sale: Wholesale sale: s sales in 1988 s only j Wholesale sale: s conly j Wholesale sale: s conly j Solution of the sale: s conly j s td></td>	Tenths /10 /10 /10 /10 /10 /10 Tenths /10 Producti	\$ 2533 \$ 2537 \$ 2547 \$ 2545 \$ 2546 \$ 2546 \$ 	Total Valu Total 2553 \$ 2557 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ 2565 \$ \$ 2565 \$ \$ 2565 \$ \$ 2565 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1e of gros: (Dolla (Dolla .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	\$ sale \$ 25550 \$ 22542 \$ 200 \$ 200	// j Wholesale sale: s in 1988 // Wholesale sale: Wholesale sale: s sales in 1988 s only j Wholesale sale: s conly j Wholesale sale: s conly j Solution of the sale: s conly j s	

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Form	88-A1	9.2
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SECTION 13 LAND, STRUC	TURES, EQ	UIPM	ENT, AND	IRRIGA	TION	· · · · ·					Dollars only	
1. What is your best estimate of the rented by this business on Decen	current marke	t value	of land and b	uildings ov	wned and/	or				2587		.00
2. What is the estimated market val	ue of all machin	nery and	d equipment i		pt on this	• • • • • • • • • • • •		••••••		2588		.00
place and used for the horticultu 3. Did you have land area covered b				• • • • • • • • •				• • • • • • • • •		. [¥		1.00
2589 1 YES - Complete items		iow. (R	eport area on	ily once. In	iclude aisl	es, waikways	s, etc.).		Non		Square feet	
2 UNO - Go to item 4 bei ■. How much of the greenhouse		r ciess?							0	2590		
b. How much of the greenhouse		-		er rigid pie	etic cover	•7			0	2591		_
c. How much of the greenhouse				• ·						2592		
-				-				•••••		2593		
d. TOTAL LAND AREA COVE	KED BT GREE		9E9 — 3NOU	na equili i	ne sum a	<b>TZ+D+C</b>	• • • • • • • • • •	•••••	L		Square feet	
									_	2594		
e. How much of the greenhouse	area was new ç	reenno	use space er	ected dun	ng 19881	•••••		•••••	🛛	r	Square feet	
4. How much "other covered space	oʻʻ — slat, saran	, shade	houses, and	other cov	ers was	used for the	production	of	-	2874	Squale ieer	
florist crops (Report area only on	ice. Include aisi	es, wai	lkways, etc.)	8	•••••			••••••	🛛	L		1
5. How many open ground acres we	are used for the	produc	tion of florist	t crops (Re	nort area	oniv once.				2675	Acres	Tenths
include alsies, walkways, etc.)?	•••••	•••••	• • • • • • • • • • •					•••••	🗆	L		<u>i /10</u>
6. Did you produce potted flowering cultivated florist greens, nursery				t flowers,	cut							
2595 1 ☐ YES - Complete items 2 ☐ NO - Go to item 7 bei		low.										
Report area for each horticultural report 1,000 square feet in the "po report 500 square feet in the "po		below	. For example	e, if two cr	ops of bec	iding/garden	plants were	harvested	from 1,000 s	quare fee	t,	
report 500 square feet in the "po	tted flowering	plants" plants"	category and	d 1,000 squa d 1,000 sq	quare feet	in the ''beddi	ing/garden p	olants'' cate	ngory.	sine area,		
	Potted flowe	ərina	Bedding/ plan			<i>4</i> 1	C	ut vated	Nursery		Fallana a	
	plants		(Include ve type beddin	egetable	Cat	fiowers	florist	greens	(Inch) propagatir		Foliage p	lants
	2696		2597	-	2598		2599		2600		2801	
<ul> <li>How much greenhouse space in 1988 was used for the production of</li> </ul>		Sq. ft.	[	Sq. ft.	Í	Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.
b. How much land covered by	2602		2603	-	2604		2805		2606		2607	
shade structures (frames, cloth, lath, saran, etc.) was used in 1988 for the		~ "	1	<b>•</b> •		<b>.</b>						
production of		Sq. ft. Tenths	Whole acres	Sq. ft. Tenths	Whole a	Sq. ft. cres Tenths	Whole acr	Sq.ft. es Tenths	Whole acre	Sq. ft. s Tenths		Sq. ft.
c. How much natural shade area (i.e., paim, citrus, etc.) was used in 1988 for the	2608 1		2609		2610		2611	1	2612		2613	
production of	2614	/10	2615	/10	2616	/10	2617	/10	2618	/10	2619	/10
d. How many acres in the open were used in 1988 for the outdoor production of	I. I							i	2	Ì		ł
(excluding land covered by natural shade or shade structures)		/10		/10		/10		/10		/10		/10
7. Did you irrigate land in 1988? (Ex		ared by	aroophawaa			-		· · ·	•		. <u></u>	
2620 1 YES - Complete items			9/88/#/00585	s./								
2 NO – Go to section 1-									1	None 2621	Acres irriget	1
<ol> <li>How many acres were irrigate</li> </ol>	d for the outdo	or prod	uction of nur	sery plant	s?			• • • • • • • • • •		2622	2	/10
b. How many acres were irrigate	ed for the outdo	oor proc	duction of so	d?	• • • • • • •		• • • • • • • • • •	• • • • • • • • •	· · · · · · · · · · · ·	2823	3	/10
c. How many acres were irrigate							· · · · · · · · · · ·	<u></u>	<u></u>			/10
SECTION 14 SALES IN 198 book figures a	o — neport i re not availai	bie, gi	ve your bei	rest ma st estima	te.	LLAN. II						
1. What were your gross sales durin plants grown - potted flowering	g 1988 of all gr plants, bedding	eenhou vaarde	use plants, ou n plants, cut	utdoor-gro flowers, c	wn floricu ut cultivat	ltural plants, ed florist gree	and nursery ens. nursery	v plants.	N	lone 2624	Dollars onl	¥
foliage plants, unfinished, prefinit truck crop production, vegetable	shed, and starte and flower see	er floris is, sod,	t plants, gree , dried bulbs,	corms, rh	izomes, tu	vegetable tra bers, and cul	insplants for tivated mus	r commerci hrooms?	81	□ \$		
Do not include the sale of fertilize	er, iime, spray r	nateria	is, garaen too	ois, etc		• • • • • • • • • • • • •		• • • • • • • • •	• • • • • • • • •	2620	<u>, , , , , , , , , , , , , , , , , , , </u>	.00
2. Of the total gross sales - a. How much was wholesale sale	98?									s		.00
b. How much was retail sales? .										2626 \$	,	.00
3. What were your returns and allow	wances (discou	nts and	l value of retu	urned mer	chandise)					2827		.00
SECTION 15 SELECTED PRO figures to the n	DOUCTION E	XPEN	SES FOR T	HE TOTA	L HORT	CULTURAL	OPERAT	ION IN 19	88 - Repo	urt		
			00	yurdi		yı				ione	Dollars on	Y
1. What was the cost of plants, see activity during 1988? (Include co										2828	·	.00
-										2829		
2. What was the cost of commercia								• • • • • • • • •		2630	>	.00
<ol> <li>What was the cost of all other age herbicides, fungicides, other pest</li> </ol>	ricultural chemi ticides, etc.) du	cals pu ring 19	rchased for u 88? <i>(Exclude</i>	sse in prod fertilizer s	uction act and <i>lime.)</i>	ivity (insectio	ides,			\$ 2631		.00
4. What was the cost of energy (nat operation in 1988? (Include all here)	ural gas, electri ating and coolir	icity, ga g cost.	soline, gasol Exclude hea	hol, diesel t or air con	fuel, LP gi ditioning d	as, etc.) used only for office	for the hort s, retail out	icultural pro lets, etc.) .	duction	\$		.00
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1. What was the total of the gross compensation, insurance premiu	THIS PLACE IN 1988 Exclude employees not directly involved in growing operation, e.g., garden center cierks.						Gross weges paid (Dollars only) 2632		
	wages paid, including employer's ums, pension plans, etc., for this b	cost for social accurity, workme usiness during 1988?	n's			\$			
. Of the hired workers in 1988, he		2633	2834	1					
a.Part-time employees (worked		2635	\$ 2636	i.00					
b.Full-time employees (worked			\$	i.o					
	TICULTURAL OPERATION	AND LOCATION OF GRO	WING OPERA	TION	(5) IN 1988				
. Type of ownership Mark (X) t	the appropriate box.								
2837 1 individual proprietor	2 Partnership	s Corporation	4□ 0	Other -	- Specify	·····			
. Location of growing operation(s	i) — Give the county location of th	e growing operation(s) included	in this report form	n.					
	Co		State 203						
	Principal county			2839					
	Other counties			2840					
				2841					
	۲ <u>۲</u>			·					
of horticulture	ND EXPLANÁTIONS — If yo al enterprise, if any, you ope	eu reported no sales in sect rated in 1988. Also add an	ions 1 through y other remark	: 12, p (s her	olease explain h e. Use additions	ere the type il sheet(s),			
If necessary.									
	APLETING THIS REPORT —	Please print.							
ECTION 19 PERSON COM	IPLETING THIS REPORT -	Please print.			Date				
		Please print.			Date	Telephone			

#### FORM 88-A19.2 (1)

### **INFORMATION SHEET 1989 COMMERCIAL HORTICULTURE SURVEY**

#### 1. General

A horticultural establishment is an operation growing and selling horticultural products (greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and/or sod) during 1988.

Refer to the instructions below for completing your report form. The enclosed census report form is being used by producers and growers throughout the United States. Because it is meant for use in all parts of the country, it may contain sections and inquiries which do not apply to you. In this case, mark the "No" or "None" box and go on to the next item or section.

If you did not operate a horticultural operation or all of your facilities were idle in 1988, briefly explain your situation in section 18 and complete section 19.

#### 2. If You Receive More Than One Report Form

2. If You Receive More Than One Report Form If you had multiple horticulture operations, you should complete a report form for each separate and distinct production unit, i.e., each individual greenhouse, nursery, etc., or combinations of establishments, etc., for which you maintained separate records of operating expenses, sales, inventories, and production. Return any duplicate or extra report forms in the same envelope with the report(s) you complete so we can remove the extra addresses from our mail list.

#### 3. Partnership Operations

A partnership is an association of two or more persons who have agreed, informally or under legal contract, on the amount of their contributions and profit distributions.

Contributions and profit distributions. Complete only ONE report form for a partnership operation, including all partners' shares on the same report form. If two or more report forms were received for the partnership, see instruction 2 above.

Partners who also had separate operations of their own should complete report forms for those separate operations. For definition of a partnership, see the instructions for section 17.

### 4. How To Enter Your Responses On The Report Form

Please enter your answers in the proper spaces and in the units requested, i.e., dollars, pot size, pounds, etc. Write any explanations outside the answer spaces or on a separate sheet of paper. Enter whole numbers unless the "Tenths" column is provided, such as reporting acres of flower seeds in section 12. If you have 1/2 of an acre, convert to the nearest tenths. For example, convert 1/2 to 5/10.

If you do not have exact figures, please give your best estimates. You may indicate "EST." (for estimated) beside the answer if you like. For all dollar items, we need only whole dollars; cents are not

#### 5. Completing The Report Form

# Sections 1 to 12 — Greenhouse Products, Outdoor-Grown Floriculture Products, Nursery Products, Mushrooms, and Sod

The units of measure on the report form are those most commonly used throughout the country. If you used a different unit of measure, please specify the unit and size or convert your figure to the unit requested.

figure to the unit requested. When reporting value of sales, do not include products bought for resale without additional growing. Do not report sales of noncrop garden center items, i.e., chemicals, fertilizers, etc. Report the total value of sales (wholesale or retail) for those products grown on this place and sold directly from this place. Report only the wholesale value of any products sold through a retail outlet which was not on this place or if the retail outlet was considered a separate business establishment. Estimates are acceptable if exact figures are not available.

#### To Report Plants in Sections 1 to 7

In each of these sections, report any of the plants which you grew that are listed in that section.

- 1. Find the plant name and the corresponding code number in the list in that section.
- 2. Enter the plant name and code in the space provided in that section.
- 3. Enter the information requested in each column. In sections 1, 2, and 6, enter the information on the proper line for each type of container. In section 7, enter the information on the proper line to identify each type of unfinished plant material.

4. If additional columns are needed, use a separate sheet of paper.

To Report Plants in Sections 8 to 12

In each of these sections, enter the information requested for any of the specified plants which you grew that are listed in that section.

- 1. Enter the information requested in each column for the specified plants that you grew.
- 2. If additional columns are needed, use a separate sheet of paper.

If reporting in Section 8 — Sod, report the total acres of sod harvested from this place in 1988 and value of sales of the sod. Acreage planted to grass intended for sale as sod in subsequent years and not harvested in 1988 should not be reported.

If reporting in Saction 10 – Cultivated Mushrooms, report the square feet of bedspace or other space, such as trays, used for mushrooms in 1988 only once even though the space was harvested multiple times or more than one crop was grown during the year. For example, if two crops of mushrooms were harvested from an area of 20,000 square feet of bedspace, report 20,000 square feet of area used. Note in the margin of the report form the number of times mushrooms were harvested from that area. Also include in this section gournet varieties of mushrooms, such as shitake, which were harvested in 1988.

#### Section 13 – Land, Structures, Equipment, and Irrigation

The estimated market value in item 2, refers to ALL machinery and equipment kept on this place and used for the horticultural business. The value should be an estimate of what the machinery and equipment would sell for in its present condition, not the replacement or depreciated value.

#### Section 14 – Sales

In item 1, report the value received during 1988, regardless of the year in which the products were harvested. Give gross values (before deducting taxes and expenses). Report total values for a product or products sold in 1988 even though full payment may not have been received in 1988.

#### Section 15 — Selected Production Expenses

Include expenses paid by you and by anyone else for the production of greenhouse products, outdoor-grown filoricultural products, nursery products, mushrooms, and sod on this place. Also include 1988 expenses incurred even if not paid in 1988. Please give estimates if you do not know the exact figures.

#### Section 16 – Horticultural Labor

Section 10 – Horticultural Labor Expenditures for hired labor should include gross wages or salaries, commissions, paid bonuses, and leave pay BEFORE DEDUCTIONS, PLUS THE VALUE OF BENEFITS PAID BY YOU, i.e., social security, taxes, unemployment compensation insurance, etc. Do not include room and board, house rent, or other items paid in kind. Exclude employees not directly involved in the growing operation, i.e., garden center clerks. clerks

# Section 17 -- Type of Horticultural Operation and Location of Growing Operation(s)

In item 1, use the following definitions to assist you in determining the type of ownership for your operation:

Individual Proprietor or Family Operation — Defined as a business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership - Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Producing products under contract or under share rental agreements does not constitute partnerships.

**Corporation** — Defined as a legal entity or artificial person created under the laws of a State to carry on a business; does not include cooperatives. Include family operations that are incorporated.

Other — If your operation did not fall into the provided categories, mark (X) this box and describe the type of ownership that this operation existed under during 1988.

In item 2, report the county or counties where the growing activities for the operation represented by this report form occurred in 1988. If the growing operations occurred in more than one county, list all of the counties involved and estimate the percent of the total gross sales produced in each county. Check the figures to ensure that the percentages sum to one hundred percent.

#### Section 18 – Remarks and Explanations

Enter in this section an explanation if you did not report any sales in sections 1 through 12. Also add any other remarks or explanations here.

Section 19 — Person Completing This Report Form Print the name, address, and telephone number of the person

completing this report form. Also, enter the date in the space provided when the report form is completed.

We estimate that it will take from 10 to 30 minutes to complete this report form, with 24 minutes being the average time. If you have any comments regarding these estimates or any other aspect of this census, send them to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

# 1988 Farm and Ranch Irrigation Survey, Report Form 88-A62

DUE DATE: 30 DAYS AFTER RECEIPT OF FORM	I							OMB	No. 0607	0634	: Approval Ex	pires 12/90	
FORM 88-A62 U.S. DEPARTMENT (10-3-88) BURE	OF COMMERCE	REPORT TO	Response to this ing THE CENSUS BURE	AU IS <b>CO</b>	NFIDE	NTI	AL. It ma	ly be seer	n only by s	worn	Census empl	oyees and	
		may be use	d only for statistical p n. The law also provid	urposes.	Your re	port	CANNO	l be used	for purpo	ses of	taxation, inv	estigation,	
									_				
1988 FARM AND RANG	сн												
IRRIGATION SURVEY													
			<b>F</b>										
			1										
COMPLETE AND Bureau of the Census 1201 East Tenth Stre	et l												
RETURN TO Jeffersonville, IN 4													
NOTE													
Consider as irrigated all land watered by any a controlled means - sprinklers, furrows or ditches													
dikes, etc. Include preplant, partial, supplementa irrigation. Include irrigation of pastureland,	l, or semi-		Please mention the add	ees labe	i) if you	il wr	ite to us	about thi	is report.		.spper left		
nonbearing orchardland, and cropland from which	n no crops		(Pleas	e correct	any en	or in		ddress, aı 018	nd ZIP Co		021	022	
were harvested in 1988. See additional instruction separate instruction sheet.	ons on the	CENSUS USE	010 012			018		018	020		021	022	
		ONLY		_									
Item 1 Was any land on the farm or ranch you		-											
024 1 YES – Complete items 2 through 14 an	a 10	2	NO – Skip to it	em 15		_			<u> </u>				
Item 2 ACREAGE IN 1988									N	one	Number o	of acres	
a. Ali land owned		• • • • • • •		• • • • • •		• •				_ L	26		
b. All land rented or leased from others, including taxes, etc. Include leased Federal, State, and railing taxes.	and worked	on shares, not include	used rent free, in a land used on a new	exchang - <i>head h</i>	ge for : asis u	serv nde	rices, pa	yments	of it.).	٦Ľ			
c. All land rented or leased to others, including							•	•		°	27		
acres enrolled in the Conservation Reserve Pro	gram as land	rented to	others.)				• • • • •		í	⊐Ļ	,		
d. TOTAL ACRES IN THIS PLACE — ADD acre acres ren			cres rented (item and enter your an:								28		
Item 3 LAND USE IN 1988		(110111 C), (	and enter your and	51101 111	1113 3	pac					<u> </u>		
1. Distribute all acres in this place in column (1) an	d all irrigated	land in ti	nis piace in colum	ın (2)			ne Nu				Number	of acres	
among items a through d. If the same land had mo in the first use listed below that applies. (Please refe	re than one us	e in 1988.	report that land o	nly once	7	NC	ne Nu	mber of (1)	acres	None		in 1988	
a, Cropland							029	,.,			030		
(1) Cropland harvested — Include all land from land in orchards, citrus groves, and vineyards						. [					1		
(2) Cropland used only for pasture or grazin	g – Include	rotation p	asture and grazin	g land t	hat		031				032		
could have been used for crops without ad (3) Other cropland — Include cropland used f						. L	033				034		
cropland in cultivated summer fallow, and	cropland idle		· · · · · · · · · · · · · · · ·		· · · ·	. [	⊇ [						
b. Woodland — Include woodland pastured and	woodland no	t pasture	<b>d</b>			. (	035						
c. Other pastureland and rangeland - Include any	pastureland of	her than cr	opland and woodlar	nd pastu	re	. [	037				038		
d. All other land — include any land not reported barn lots, corrals, ponds, roads, wasteland, etc.						. [	039		_				
				• • • • •				N THIS PL	ACE"	******	IRRIG	ATED	
e. TOTAL ACRES — Please sum columns 1 and (Acres ''IN THIS PLACE'' s	hould be equ	al to item	2d above.) —			-	-				042		
f. How many of the acres in 3e have been las	er leveled? .					. [	ם				540		
2. Irrigeted and non-irrigated vields from			irrigated crop										
selected crops harvested from this	Inclu	ide preplar	and supplemental	or semi	-irriget	lion		-	Non	-irrig	ated crop		
place in 1988			<del></del>	Esti	nated		ntity of	+r					
(Please refer to the INSTRUCTION SHEET)	Irrigated acres		verage yield per irrigated acre				er acre				Average yield per non-irrigated acre		
None			harvested	Ave: acre-		10	Total inches		vested		harvest	ted	
a. Corn (field) for grain or seed	050	1	Bushels,	2	T	07	3	4		5		Bushels,	
	060	1	shelled Tons,	2	/10	10	3	4		5		shelled Tons,	
<b>b.</b> Corn (field) for silage or green chop	070	1	green	2		1	3	4		5		green	
c. Sorghum for grain or seed	080	1	Bushels	2	/10		3 -	4		5	-	Bushels	
d. Wheat for grain	090		Busheis	2	/10	+	3	4		5		-	
e. Barley for grain	100	1	Bushels		/ 10	or	2	ļ.		1		Bushels	
f. Soybeans for beans	1.00		Bushels	l.	1 /10	10	2	1.		15		Bushels Bushels	
					1 /10			1.		-			
g. Beans, dry edible	110	1	Cwt.	2	1 /10	+	3	4		5		Busheis	
g. Beans, dry edible	120	1		2	1	10	3	4		5		Busheis Busheis	
	120	1	Cwt.	2	1 /10	10 10	3 3	•		5		Busheis Busheis	
h. Rice l. Other small grains (oats, rye, etc.) j. Alfalfa and alfalfa mixtures for hay	120	3	Cwt Cwt.	2 2 2 2	1 1/10 1/10	10 10 10	3 3 3 3	4		5	1	Busheis Busheis Cwt.	
h. Rice	120 130 140	3	Cwt. Cwt. Tons. /10 dry	2 2 2 2	1 1/10 1/10	10 10 10	3			5		Busheis Busheis Cwt. Tons, /10 dry	
h. Rice I. Other small grains (oats, rye, etc.) J. Alfalfa and alfalfa mixtures for hay	120 130 140	1	Cwt, Cwt.	2 2 2 2 2	/10	10 10 10	3 3 3 3 3 3 3	4		5		Bushels Bushels Cwt. Tons.	
h. Rice l. Other small grains (oats, rye, etc.) J. Alfalfa and alfalfa mixtures for hay or dehydrating	120 130 140 150 550	1 1 1 1 1	Cwt. Cwt. Tons. /10 dry Tons.	2 2 2 2 2 2 2 2	/10 /10 //10 //10	10 10 10 10	3 3 3 3 3 3			5 5 5 5		Busheis Busheis Cwt. 70ns, 710 dry Tons,	
h. Rice l. Other small grains (oats, rye, etc.) J. Alfalfa and alfalfa mixtures for hay or dehydrating k. All other hay including wild or native hay	120 130 140	1 1 1 1 1 1	Cwt. Cwt. 70ns. 710 dry 710 dry 710 dry	2 2 2 2 2 2 2 2 2 2 2 2	/10 //10 //10 //10 //10	10 10 10 10 10	3 3 3 3 3 3 3 3 3	4		5 5 5 5 5 5		Busheis Busheis Cwt. Tons, /10 dry /10 dry	
h. Rice i. Other small grains (oats, rye, etc.) j. Alfalfa and alfalfa mixtures for hay or dehydrating k. All other hay including wild or native hay I. Peanuts for nuts m. Cotton	120 130 140 150 550	1 1 1 1 1 1 1 1	Cwt. Cwt. /10 dry /10 dry Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10	ro ro ro ro ro ro	3 3 3 3 3 3 3 3 3 3 3	4		5 5 5 5 5 5		Bushels Bushels Cwt. Tons, /10 dry Tons, /10 dry Pounds	
h. Rice     i. Other small grains (oats, rye, etc.)     J. Alfalfa and alfalfa mixtures for hay     or dehydrating     k. All other hay including wild or native hay     I. Peanuts for nuts     m. Cotton     n. Sugar beets for sugar	120 130 140 150 550 180 170 180	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cwr. Cwr. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10	10 10 10 10 10 10	3 3 3 3 3 3 3 3 3 3 3 3 3	4		5 5 5 5 5 5 5		Bushels Bushels Cwt. /10 dry Tons, /10 dry Pounds Lbs. lint Tons	
h. Rice	120 130 140 150 550 180 170 180	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10	10 10 10 10 10 10 10	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4		5		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	
h. Rice	120 130 140 150 550 180 170	/10 1	Cwr. Cwr. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10 /10	or or or or or or or or or or	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	/1	0 <sup>5</sup>		Bushels Bushels Cwt. /10 dry Tons, /10 dry Pounds Lbs. lint Tons	
h. Rice	120 130 140 150 550 180 170 180 130		Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10 /10	ro ro or or or or or or or or or	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	+	0 <sup>5</sup>		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	
h. Rice	120 130 140 150 550 180 170 180 190 1	/10 1	Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10 /10	ro ro or or or or or or or or or	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	/1	0 <sup>5</sup>		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	
h. Rice	120 130 140 550 550 160 170 180 190 230 560	/10 1	Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10 /10	ro ro or or or or or or or or or	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	/1	0 <sup>5</sup>		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	
h. Rice	120           130           140           150           150           180           180           180           190           230           210	/10 1	Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/10 /10 /10 /10 /10 /10 /10 /10 /10 /10	10 10 10 10 10 10 10 10 10 10 10 10	3 3 3 3 3 3 3 3 3		/1	o <sup>5</sup>		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	
h. Rice	120 130 140 550 550 160 170 180 190 230 560	/10 1	Cwt. Cwt. /10 dry / Tons. / /10 dry Pounds Lbs. lint Tons Pounds	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1           1	ro or or or or or or or or or or or	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4	/1	o <sup>5</sup>		Bushels Bushels Cwt. Tons, /10 dry Pounds Lbs. lint Tons Pounds	

## Form 88-A62

METHOD OF WATER DISTR listed below. If same land wa (Please refer to the INSTRUCT)	as irrig	pated by mo	8 — Repor pre than one	t acres irrig a method, i	ated by ea report acre	ch type of Fi s irrigated b	ELD distrii y each met	bution system hod used.	m	
a. Sprinkler irrigation					None	Acres	irrigated			
(1) Center pivot										
a. High pressure (60 PSI or great	ter)				🗆 🏾	570				
b. Low pressure (under 60 PSI)					🛛 🗍	571				
(2) Mechanical-move										
a. Low Energy Precision Applicat						572				
below leaf canopy					_ [	673		_		
b. All other mechanical move system						243		_		
<ul><li>(3) Hand move</li></ul>					_ 1	244		_		
. Gravity irrigation	• • • • • •	• • • • • • • • •		• • • • • • • • • • • • • • • • • • •		245				
(1) Gated pipe								1		
(2) Open ditch, siphon tubes					_ 1	246				
(3) Flooding from underground pipe	with va	alves, ditche	es, canals, di	ikes, and an	v _	247	<u> </u>	-1		
other gravity method (excluding						248		-		
d. Subirrigation (water applied beneat						249				
water table at a predetermined depth					□					
15 METHOD OF WATER DISTR FERTILIZERS AND PESTICI								RCIAL		
(Please refer to the INSTRUCTI						X) all boxes th				
SHEET)					mark (	Applica	ation of			
		r	Nethod of wa	ter distributio	n	pesticides	l fertilizer or in irrigation iter	How cr	many times ops irrigate	d?
	None	Sprinkler	Gravity	Drip or trickle	Sub- irrigation	Commercial fertilzer	Pesticide application	Less than 3	3 to 7	8 or more
a. Corn (field) for grain or seed	🗆	250 1	2 🗌	3 🗆	4	5 🗆	6 🗌	<sup>600</sup> 1 🗍	2 🗌	3 🗆
. Corn (field) for silage or green chop	🗆	280 1	2 🗆	3 🗆	4 🗆	5 🗆	6 🗌	<sup>603</sup> 1 🗌	2 🗌	3 🗆
Sorghum for grain or seed	🗆	270 1	- 2	3 🗌	4	6	6 🗆	<sup>606</sup> 1 🗋	2 🗆	3 🗆
. Wheat for grain	🗆	280 1	2 🗋	3 🗆	4 🗆	5 🗌	6 🗆	<sup>609</sup> 1 🗌	2 🗋	3 🗆
Barley for grain	🗆	290 1	2 🗋	3 🗆	4 🗆	5 🗆	6 🗆	<sup>612</sup> 1 🗌	2	3 🗆
Soybeans for beans	🗆	300 1	2 🗆	3 🗆	4 🗆	5 🗔	6 🗌	<sup>615</sup> 1 🗌	2 🔲	3 🗆
. Beans, dry edible	•• 🗅	310 1 🗆	2 🗆	3 🗆	40	5 🗆	6 🗆 _	<sup>618</sup> 1 🗆	2 🗌	3 🗆
. Rice	· · 🗆	320 1	2	3 🗆	4 🗆	5 🗆	6 🗌	<sup>621</sup> 1 🗌	2 🗌	3 🗆
i. Other small grains (oats, rye, etc.)	• • 🗖	330 1	2 🗆	3 🗆	4 🗆	5 🗆	6 🗆	<sup>624</sup> 1	2	3 🗆
<ol> <li>Alfalfa and alfalfa mixtures for hay or dehydrating</li></ol>	🗖	340	2 🗆	3 🗆	4 □	5 🗖	6 🗆	827 1 🗌	2 🗌	3 🗆
. All other hay including wild or native hay	ı. 🗆	350 1	2 🗆	3 🛛	4 🗆	5 🗌	6 🗆	<sup>630</sup> 1 🗌	2 🗌	3 🗆
I. Peanuts for nuts	🗆	580 1	2	3 🗆	4 🗆	5 🗆	6 🗋	<sup>633</sup> 1	2 🗆	3 🗆
• Cotton	🗆	360 1	2 🗆	3 🗆	4 🗆	5 🖸	6 🗆	<sup>636</sup> 1 🗌	2 🗍	3 🗆
. Sugar beets for sugar	🗆	370 1	2	з 🗆	4 []	5 🗋	6 🗆	<sup>639</sup> 1	2 🗌	3 🗆
Tobacco, all types	🗆	380 1	2 🗆	3 🗆	4 🗆	5 🗆	6 🗂	842 1	2 🗆	3 🗆
• Potatoes, Irish	🗆	390	2 🗆	3 🗆	4 🗆	5	6 🗌	845	2	3 🗆
Land from which vegetables were		1	2 🗋	3 🗆	4 🗆	5 🗔	6 🗆	648	2	3 🗆
harvested	_	590 1	2	3 🗆		5	6 🗆	651 1 🗌	2	30
<ul> <li>Land in bearing and nonbearing</li> </ul>	· · ·	410					<u> </u>	<u>1 Li</u> 854	<u> </u>	<u>  3 U</u>
fruit orchards, citrus or other groves, vineyards, and nut trees		10	2 🗋	3 🗋	4 🗆	5 🗔	6 🗍	10	2	3 🗆
	-	420		<u> </u>	+	+		857	20	30
	🗆	1	2 🗆	3 🗌	4 🗆	6 🗆	6 🗋	10		
All other crops		<sup>420</sup> 1 [] <sup>430</sup> 1 []	2 []	3 🗌	40	5 C	6	1 🗆 660 1 🗌	2 🗆	30
Ali other crops	🗆	430 1	2 🗌	3 🗌	4 🗆	5 🗍		860		
All other crops Pastureland, all types CACRES IRRIGATED AND EST aport quantity of water in the unit or unit	IMAT	ED QUANT	2 IIII OF WAT	3 <b>ER USED I</b> or you. If me	4  N 1988 BY asurements	5 🗍 SOURCE are not		860		
All other crops Pastureland, all types <b>ACRES IRRIGATED AND EST</b> eport quantity of water in the unit or unit valiable, give your best estimate for quar	IMAT ts of me	ED QUANT	2 D ITY OF WAT convenient for If average ac	3  FER USED I or you. If me re-feet cann	4  N 1988 BY asurements	5 🗍 SOURCE are not		860 1		
All other crops     All other crops     All other crops     All types     All typ	IMAT ts of me ntity of in days	ED QUANT water used. s, or total dep	2 D ITY OF WAT convenient for If average ac oth of water a	3 C TER USED I or you. If me pre-feet cann applied.	4 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	5 🗍 SOURCE are not	6	860 1		3 🗌
All other crops Pastureland, all types <b>ACRES IRRIGATED AND EST</b> eport quantity of water in the unit or unit valiable, give your best estimate for quar ombined pumping capacity and duration	IMAT ts of me ntity of in days	ED QUANT easure most water used. s, or total dep red on this f	2 D ITY OF WAT convenient fr If average ac oth of water a farm or ano	3 C FER USED I or you. If me there-feet cann applied. ther farm.	4 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	5 SOURCE are not ated, give	6	860 1	2	3 🗆
All other crops	ts of mentity of in days	ED QUANT easure most of water used. s, or total dep red on this f – Report in t	2 D TTY OF WAT convenient fulf average ac oth of water a farm or ano unit most co	3 C TER USED I or you. If me pre-feet cann applied. ther farm. nvenient for	4 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	5 SOURCE are not ated, give	6	860 1	2	3 🗆
All other crops Pastureland, all types ACRES IRRIGATED AND EST aport quantity of water in the unit or unit vailable, give your best estimate for quar ombined pumping capacity and duration Ground water from a well or wells Estimated quantity of water used in (1) Average acre-feet per acre irrigated OR	TIMAT ts of me ntity of in days I locat 1988 -	ED QUANT	2 ITY OF WAT convenient ful If average ac oth of water a farm or ano unit most co ers one acre of	3 C FER USED I for you. If me re-feet cann applied. ther farm. nvenient for one foot deep	4 N 1988 BY asurements tot be estima r you 445 (	5 SOURCE are not ated, give	6	860 1	2	3
All other crops Pastureland, all types <b>G</b> ACRES IRRIGATED AND EST aport quantity of water in the unit or unit valiable, give your best estimate for quar ombined pumping capacity and duration <b>Ground water from a well or wella</b> Estimated quantity of water used in (1) Average acre-feet per acre irrigated OR (2) Gallons of water applied and duration	TIMAT ts of me ntity of in days I locat 1988 -	ED QUANT	2 ITY OF WAT convenient ful If average ac oth of water a farm or ano unit most co ers one acre of	3 C FER USED I for you. If me re-feet cann applied. ther farm. nvenient for one foot deep	4  N 1988 BY asurements to be estimat r you b) 445	5 SOURCE are not ated, give	6	660 . 1	2 🗌	3 🗌
All other crops Pastureland, all types C ACRES IRRIGATED AND EST eport quantity of water in the unit or unit valiable, give your best estimate for quar ombined pumping capacity and duration Ground water from a well or wells Estimated quantity of water used in (1) Average acre-feet per acre irrigated OR	TIMAT ts of mentity of in days s locat 1988 - i (one action	ED QUANT	2 D ITY OF WAT faverage ac oth of water a farm or ano unit most co	3 TER USED I for You. If me re-feet cann applied. ther farm. nvenient for	4 N 1988 BY asurements iot be estima r you b) 445  445  445  445 	5 SOURCE are not ated, give	6	s per minute	2 🗌	3 🗌
All other crops Pastureland, all types ACRES IRRIGATED AND EST aport quantity of water in the unit or unit allable, give your best estimate for quar mbined pumping capacity and duration Ground water from a well or wells Estimated quantity of water used in 1 (1) Average acre-feet per acre irrigated OR (2) Gallons of water applied and duration OR (3) Total inches applied — Include all and	TIMATI ts of mentity of in days s locat 1988 - I (one ad ion	ED QUANTI easure most water used. s, or total dep and on this f — Report in the cre-foot cove	2 ITY OF WAT convenient fu if average ac oth of water a farm or ano unit most co ers one acre o	3 TER USED I for you. If me re-feet cann applied. ther farm. nvenient for one foot deep	4 <b>N</b> 1988 BY assurements oot be estima <i>r</i> you b)	5 SOURCE are not ated, give	6	s per minute	2 🗌	3 🗌
All other crops Pastureland, all types ACRES IRRIGATED AND EST port quantity of water in the unit or unit vailable, give your best estimate for quar ombined pumping capacity and duration Ground water from a well or wells Estimated quantity of water used in ' (1) Average acre-feet per acre irrigated OR (2) Gallons of water applied and durati OR (3) Total inches applied — Include all aj On-farm surface supply not control drainage ditch, lake, pond, spring,	I (one ad ion application or ret	1 1 430 1 ED QUANT: easure most water used, s, or total dep cre-foot cover in the formation of the cover in the formation of the cover in the cre-foot cover in the cover in the cre-foot cover in the cover in the cover in the cover in the cover in the cover in the	2 UITY OF WAT convenient fr If average ac th of water a farm or ano unit most co ers one acre of ers one acre of upply organ r adjacent t	s rer USED i or you. If me tre-feet cann applied. ther farm. nvenient for one foot deep nization (st	4 <b>N 1988 BY</b> assurements to be estimate <i>r you</i> 	5 SOURCE are not ated, give	6 None 4 	s per minute	2 🗌	3 🗌 rigated was applie
All other crops Pastureland, all types Castureland, all types ACRES IRRIGATED AND EST aport quantity of water in the unit or unit valiable, give your best estimate for quan- bined pumping capacity and duration Ground water from a well or wella Estimated quantity of water used in (1) Average acre-feet per acre irrigated OR (2) Gallons of water applied and durati OR (3) Total inches applied — Include all a, On-farm surface supply not control	I (one ad ion application or ret	1 1 430 1 ED QUANT: easure most water used, s, or total dep cre-foot cover in the formation of the cover in the formation of the cover in the cre-foot cover in the cover in the cre-foot cover in the cover in the cover in the cover in the cover in the cover in the	2 UITY OF WAT convenient fr If average ac th of water a farm or ano unit most co ers one acre of ers one acre of upply organ r adjacent t	s rer USED i or you. If me tre-feet cann applied. ther farm. nvenient for one foot deep nization (st	4 <b>N 1988 BY</b> assurements to be estimate <i>r you</i> 	5 SOURCE are not ated, give	6       None	s per minute	2 Acres ir	3 🗌
<ul> <li>All other crops</li> <li>Pastureland, all types</li> <li>CRES IRRIGATED AND EST aport quantity of water in the unit or unit valiable, give your best estimate for quar ombined pumping capacity and duration</li> <li>Ground water from a well or wella Estimated quantity of water used in '</li> <li>Average acre-feet per acre irrigated OR</li> <li>Gallons of water applied and durati OR</li> <li>Total inches applied – Include all a, Estimated quantity of water used in '</li> <li>On-farm surface supply not contro drainage ditch, lake, pond, spring, Estimated quantity of water used in '</li> <li>Average acre-feet per acre irrigated</li> </ul>	I (one ad ion applicat	1 1 430 1 ED QUANT: easure most water used. s, or total der ed on this f - Report in a cre-foot cove	2 TTY OF WAT convenient fi If average ac oth of water a <b>arm or ano</b> unit most co ers one acre o ers one acre o unit most co unit most co	3 TER USED I or you. If me re-feet cann applied. ther farm. nvenient for one foot deep nization (st to this farm nvenient fo	4 N 1988 BY assurements to the estimation ty you 445 446 447 448 448 448 448 448 448 448 448 448	5 SOURCE are not ated, give	6	s per minute	2 Acres ir	3 🗌
<ul> <li>All other crops</li> <li>Pastureland, all types</li> <li>ACRES IRRIGATED AND EST</li> <li>eport quantity of water in the unit or unit valiable, give your best estimate for quartion mbined pumping capacity and duration</li> <li>Ground water from a well or wells</li> <li>Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated OR</li> <li>(2) Gallons of water applied and duration</li> <li>OR</li> <li>(3) Total inches applied — Include all al, Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated OR</li> <li>(3) Total inches applied — Include all al, Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated OR</li> </ul>	ts of mentity of in days <b>i locat</b> 1988 - I (one addition applicat <b>i locat</b> 1988 - <b>i locat</b> <b>i /b>	1     1	2 Try OF WAT	3 TER USED I reference of the second	4 N 1988 BY asurements too be estimate you (445 )) 445 (447 (445 (447 (445 (447))) 445 (45))) 450 (45) (45)	5 SOURCE are not ated, give	6       None	s per minute	2 Acres ir	3
<ul> <li>All other crops</li> <li>Pastureland, all types</li> <li>ACRES IRRIGATED AND EST eport quantity of water in the unit or unit vailable, give your best estimate for quar ombined pumping capacity and duration</li> <li>Ground water from a well or wella Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated OR</li> <li>(2) Gallons of water applied and durati OR</li> <li>(3) Total inches applied — Include all a Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated OR</li> <li>(3) Total inches applied — Include all a Estimated quantity of water used in 1</li> <li>(1) Average acre-feet per acre irrigated</li> </ul>	ts of mentity of in days <b>i locat</b> 1988 - I (one addition applicat <b>i locat</b> 1988 - <b>i locat</b> <b>i /b>	1     1	2 Try OF WAT	3 TER USED I reference of the second	4 N 1988 BY asurements too be estimate you (445 )) 445 (447 (445 (447 (445 (447))) 445 (45))) 450 (45) (45)	5 SOURCE are not ated, give	6       None <td>s per minute bur day equiva</td> <td>2Acres ir</td> <td>3 rigated</td>	s per minute bur day equiva	2Acres ir	3 rigated

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m 6 ACRES IRRIGATED							None - (	Go to item 7	
c. Off-farm water suppliers (							_ 4	54	
or neighborhood ditches; o	commercial company or mu	inicipal or comm	nunity v	vater system)	455	• • • • • • • •	. 🗆 -		- Acres irri
(1) How much water was	received?						Total acr	e-feet	
(2) Total cost of water rece	eived – Include all assessm	ents, fees,			458	00			
or charges paid to wat	er suppliers	•••••	••••			. 00	Dollars o	niy	
- <b>W</b>	a				675				
a. It water was received	d at no cost, check	•••••		•••••	. 1 🗆 457	No cost			
(D) D: ( ) )						Yes - Ent	ter numbe	r of acre-feet	7
(3) Did you allow any of yo used by others in 1988	37	er to De			. 1	458			•
					2			-	_
NUMBER OF IRRIG	ATION WELLS ON THIS	PLACE IN 1988	B. WELL	DEPTH. AN		NG CAP	ACITY		
			-	None					
				_	460				
a. Wells used in 1988	•••••		<u></u>	<u> </u>		Nur	mber of w	ells used	
			Ente	r number of fe	et		Pump	capacity	Operati
		Depth of well	Depth to	water at start	Pumping de	opth (Depth	(Dischar	ge from well)	pressu
		Depth of weil		ation season	to bowls o	r impellers)		3PM	PSI
	14/-11	461	1		2		3		676
<li>(1) For places with 5 or less wells</li>	Well number 1	465			2		3		677
pumped in 1988, report the	Well number 2		ľ		ľ		[ _		<b></b>
following	Wall success of	469	1		2		3		678
information	Well number 3	473	h		2		3		679
	Well number 4								
	Well number 5	477	1		2		3		680
(2) For places with more			<u> </u>		<u> </u>				
than 5 wells pumped		Average depth of well	at star	depth to water t of irrigation	depth (D	epth to	(Dischar	pump capacity ge from well)	operating p
in 1988, report the average for all wells		481	I.——	season	bowls or i	mpeliers)		GPM	681
·	All weils		1		l'		3		001
c. Does any part of your syste n 8 PUMPS, OTHER TH Report all pumps on this place,	AN WELL PUMPS, ON T	HIS PLACE IN	1988	None	, Nu	( <u>es 2</u> ⊡ Ne mber of pu		-	ischarge ca GPM
n 8 PUMPS, OTHER TH	AN WELL PUMPS, ON TI	HIS PLACE IN	<b>1988</b> OR —	None	<u> </u>			Average d	
n 8 PUMPS, OTHER TH Report all pumps on this place, a. Tailwater pits	AN WELL PUMPS, ON TI	HIS PLACE IN	<b>1988</b> OR —	None	<u>10)</u>			-	ischarge caj GPM
m 8 <b>PUMPS, OTHER TH</b> Report all pumps on this place,	AN WELL PUMPS, ON TI	HIS PLACE IN	<b>1988</b> OR —	None	1 [] ) 9 Nu 490 492			491	
n 8 PUMPS, OTHER TH Report all pumps on this place, a. Tailwater pits	AN WELL PUMPS, ON TI whether they are in service vers, etc.	HIS PLACE IN	<b>1988</b> DR —	None	1 1 Nu 9 Nu 490			491	
PUMPS, OTHER TH Report all pumps on this place,     Tailwater pits b. Ponds, lakes, reservoirs, riv c. Relifting or boosting water     S ENERGY USE ON TH	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system IIS PLACE IN 1988 FOR	HIS PLACE IN	<b>1988</b> DR —	None	1 [] ) 9 Nu 490 492			491	
PUMPS, OTHER TH Report all pumps on this place,     A. Tailwater pits b. Ponds, lakes, reservoirs, riv c. Relifting or boosting water     SOURCE – Include 1     SOURCE – Include 1	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system HIS PLACE IN 1988 FOR 10N WATER BY POWER 1088 fuel adjustment cost.	Number of y	1988 DR —	None	1 . Nu 490 492 494	mber of pu	quantity	491 493 Acres	GPM
PUMPS, OTHER TH Report all pumps on this place, a. Tailwater pits b. Ponds, lakes, reservoirs, riv c. Relifting or boosting water PUMPING INSE ON TH PUMPING INGAT	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system IS PLACE IN 1988 FOR ION WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.)	HIS PLACE IN	1988 DR — wells or ered by	None	1 . Nu 490 492 494	mber of pu	mps	491 493 Acres	GPM
PUMPS, OTHER TH Report all pumps on this place, a. Tailwater pits b. Ponds, lakes, reservoirs, riv. c. Relifting or boosting water P ENERGY USE ON TH PUMPING IRRIGAT SOURCE — Include 1 (Please refer to the IN)	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system IDS PLACE IN 1988 FOR ION WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.) None	Number of v	1988 DR — wells or ered by	None	1 1 Nu 430 492 494 f fuel used	mber of pu	mps quantity jel used	491 493 493 Acres of 497	
PUMPS, OTHER TH Report all pumps on this place,     A. Tailwater pits b. Ponds, lakes, reservoirs, riv c. Relifting or boosting water     SOURCE – Include 1     SOURCE – Include 1	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system IDS PLACE IN 1988 FOR ION WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.) None	HIS PLACE IN a or not, USED FC Number of v pumps pow type of energy	1988 DR — wells or ered by	None	1	Total	mps quantity jel used	491 493 Acres of 497 .wh	GPM
PUMPS, OTHER TH Report all pumps on this place, a. Tailwater pits b. Ponds, lakes, reservoirs, riv. c. Relifting or boosting water P ENERGY USE ON TH PUMPING IRRIGAT SOURCE — Include 1 (Please refer to the IN)	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system HIS PLACE IN 1988 FOR TON WATER BY DOWR 7988 fuel adjustment cost. STRUCTION SHEET.) None	HIS PLACE IN the or not, USED FC Number of the pumps power type of energy	1988 DR — wells or ered by	None	1 1 Nu 430 492 494 f fuel used	Total	quantity sel used	491 493 493 Acres of 497	GPM
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PUMPS, OTHER TH      Report all pumps on this place,     a. Tailwater pits       b. Ponds, lakes, reservoirs, riv      c. Relifting or boosting water     PUMPING IRRIGAT     SOURCE — Include 1     (Please refer to the IN:     a. Electricity       b. Natural gas       c. LP gas, propane, or butane      d. Diesel fuel       Gasoline and gasohol     (Please refer to the IN:     (Plea	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system HIS PLACE IN 1988 FOR IGN WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.) None  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DSTRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation this is share — Give estimates in pricosts to prepare well for i of pumps and mators.]  to of permanent storage and	HIS PLACE IN or not, USED F( pumps powerly type of energy ass 501 504 507 RRIGATION EQ other expenditu share — Give VELLS, PUMPS HIS PLACE place whether m f actual figures a ude sprinklers, at net cost	1988 DR — wells or ared by gy used UIPME res shou lities in 1 estimat s, EQUI sade by y tere unavi	None	1 Nu +30 +32 +34 1 fuel used - Cents - Conts - 00 -	Total of fu 864 665 666 667 668 0N THIS Illars	quantity el used k Cents Cents Cents	491           493           493           493           493           493           493           493           493           493           493           493           493           500           500           503           3al.           503           3al.           503           3al.           503           3al.           N 1988           Purpose           Mark (X) p           Replace           Cment           1           512           1           520	GPM
PUMPS, OTHER TH      Report all pumps on this place,     a. Tailwater pits	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system HIS PLACE IN 1988 FOR IGN WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.) None  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DSTRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation this is share — Give estimates in pricosts to prepare well for i of pumps and mators.]  to of permanent storage and	HIS PLACE IN or not, USED F( pumps powerly type of energy ass 501 504 507 RRIGATION EQ other expenditu share — Give VELLS, PUMPS HIS PLACE place whether m f actual figures a ude sprinklers, at net cost	1988 DR — wells or ared by gy used UIPME res shou lities in 1 estimat s, EQUI sade by y tere unavi	None	1 Nu 492 492 492 494 492 494 492 494 492 494 492 494 492 494 492 494 492 494 494	Total of fu 864 665 666 667 668 0N THIS Illars	quantity jel used k Cents Cents Cents	491           433           433           491           491           500           Mcf           503           3al.           506           3al.           53al.           3al.           3al.           3al.           503           3al.           53al.           Sal.	GPM irrigated by energy used of expenditu rrincipal pury onser- ration s 2 3 3 2 3
PUMPS, OTHER TH      Report all pumps on this place,     a. Tailwater pits       b. Ponds, lakes, reservoirs, riv      c. Relifting or boosting water     PUMPING IRRIGAT     SOURCE — Include 1     (Please refer to the IN:     a. Electricity       b. Natural gas       c. LP gas, propane, or butane      d. Diesel fuel       Gasoline and gasohol     (Please refer to the IN:     (Plea	AN WELL PUMPS, ON TI whether they are in service vers, etc. within system HIS PLACE IN 1988 FOR IGN WATER BY POWER 988 fuel adjustment cost. STRUCTION SHEET.) None  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DREPAIR COSTS FOR IF STRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation equ trm ditches. Include landlord e.  DSTRUCTION SHEET) n day-to-day operations; all e and repairs of irrigation this is share — Give estimates in pricosts to prepare well for i of pumps and mators.]  to of permanent storage and	HIS PLACE IN or not, USED F( pumps powerly type of energy ass 501 504 507 RRIGATION EQ other expenditu share — Give VELLS, PUMPS HIS PLACE place whether m f actual figures a ude sprinklers, at net cost	1988 DR — wells or ared by gy used UIPME res shou lities in 1 estimat s, EQUI sade by y tere unavi	None	1 Nu +30 +32 +34 1 fuel used - Cents - Conts - 00 -	Total of fu 864 665 666 667 668 0N THIS Illars	quantity el used k Cents Cents Cents	491           493           493           493           493           493           493           493           493           493           493           493           493           500           500           503           3al.           503           3al.           503           3al.           503           3al.           N 1988           Purpose           Mark (X) p           Replace           Cment           1           512           1           520	GPM irrigated by energy used of expenditu rrincipal pury onser- ration s 2 3 3 2 3

## Form 88-A62

Item 12 IRRIGATION PRACTICES IN 1988				
a. How did you decide when to apply water in 1988? — Mark (X) all that apply				
<sup>527</sup> 1 Condition of crop (observation)				
2 Feel of the soil				
3 Use of soil moisture sensing devices such as moisture blocks or tensiometers				
₄ □ Ùse of commercial scheduling service				
s Media reports on crop-water needs (newspapers, radio, and TV)				
6 Water delivered by irrigation organization in turn (no choice by water user)				
7□ By calendar schedule				
8 Other - Specify				
b. Did you have to discontinue irrigation during 1988 long enough to AFFECT crop yie	lds?			
<sup>659</sup> 1 Yes – If "Yes", answer the following. 2 No – Go to item 13				
(Mark (X) all that apply)				
670 1 Shortage of surface water (water from reservoirs, lakes, streams, water supply of	-			
2□ Shortage of ground water (lowering water level of wells or depletion of ground wa 3□ Irrigation equipment failure	ater)			
4 □ Energy shortage				
s Poor water quality				
s⊡ roof water quarty s⊡ Loss of water rights				
7☐ Cost of water				
8 Other - Specify	_			
		_		
Item 13 OTHER USES OF IRRIGATION WATER ON THIS PLACE IN 1988 Was irrigation used for any of the following secondary purposes?		None	Acres on which a	plied
a. Prevent freeze damage			440	
		_	441	
b. Crop cooling to delay early budding or blooming			442	
c. Leaching to remove salts from the soil (salinity control)			443	
<b>d.</b> Other – land disposal of liquid livestock waste, etc. – Specify $_{ m Z}$			443	
, ·				
				}
<sup>671</sup> 1 Yes - If "Yes", answer the following: 7 2 No - Go to item 15		None	Number of acre	es
On how many acres did you use these techniques?			672	
a. Irrigation water captured for further use (tailwater pits)			673	
b. Surge flow or cablegation technique			674	
c. Use of any special furring techniques, such as wide-spaced bed furrowing, compacted f furrow diking – Specify technique used Z	furrowing, or			
			L	]
Item 15 IRRIGATED LAND IN 1987		•		
a. Was any land irrigated on this place in 1987? Do not answer this item if you irrig.	ated any land in 198	<b>88</b> .		
528 1□ Yes Answer b and c below 7 2□ No Go to item 16				
<b>b. Reason for not irrigating in 1988</b> — Mark (X) any of the following that apply:				
529 1 Sufficient soil moisture - no irrigation needed				
2 Shortage of surface water (water from reservoirs, lakes, streams, water suppl	ly organizations, etc.)			
$3\Box$ Shortage of ground water (lowering water level of wells or depletion of ground	d water)			
4 Irrigation uneconomical due to high fuel and power costs and/or low commodit	ty prices			
s Irrigation equipment failure				
6□ Loss of water rights				
7 Sold water rights				
s Other - Specify				
c. Do you consider your discontinuance of irrigation to be permanent?				
530 1 ☐ Yes				
2 🗆 No				
Item 16 PERSON COMPLETING THIS FORM – Please print				
Name 1	Date	Ā	Telephone rea code Number	
				RM 88-A62 (1C 3-8

FORM 88-A62(1) (7-7-88)

U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

## ADDITIONAL INSTRUCTIONS FOR THE 1988 FARM AND RANCH IRRIGATION SURVEY

In completing the questionnaire, if exact figures are not available, give your best estimate. An estimate is more useful than an omitted answer.

Item 3.1 — LAND USE — All acres "In This Place" should be reported only once, in the first category that applies.

Similarly, for each category of land use, report the acres irrigated in 1988 in the appropriate category.

Report all cropland, pastureland, and rangeland watered by artificial means at any time during 1988. In addition to fully irrigated land, report as irrigated any lands to which partial, supplemental, or semiirrigation was applied. Also include any acreage which received only preplant irrigation (watered before planting). Haylands, pastureland, or rangeland should be reported as irrigated if spring flood water was spread by canals, ditches, spreader dikes, pipes, or other works.

Item 3.2 — IRRIGATED AND NON-IRRIGATED CROP YIELDS — For each crop harvested, report separately the acreage and average yield from irrigated land and non-irrigated land.

Report harvested crops as irrigated if any water was artificially applied either before planting or during the crop growing season in 1988. Report the crop as irrigated if water was applied to supplement rainfall, even if the amount of water applied was not sufficient to obtain maximum yields.

Please give your best estimate of the quantity of water applied per acre for each irrigated crop. Report in either average acre-feet (one acre-foot covers one acre one foot deep) or total inches applied.

- Item 4 METHOD OF WATER DISTRIBUTION This item refers to the method used to spread water over the land. Report the acres of land irrigated by each type of field distribution system listed. Do not report information for the delivery system used to convey water from the source to the field, instead report information for the FIELD distribution system used.
- Item 5 METHOD OF WATER DISTRIBUTION, ETC., BY SELECTED CROPS Pesticides include chemicals used to control insects, weeds, nematodes, and diseases. Check the appropriate box if ANY commercial fertilizer or pesticides were used on a crop, even if only a portion of the crop was treated.

Report the maximum number of times any field for a crop was irrigated. Include the number of preplant irrigation applications in this figure.

Item 9 — ENERGY USE FOR IRRIGATION PUMPING — Report the expenditures for fuel and power used in 1988 for irrigation pumping by each type of energy used on this place. Include in the cost figures any additional charges such as the "fuel adjustment charge" or any other type of additional charge which is based on the amount of power or fuel purchased.

Also report the total quantity of fuel used in the units specified and the acres irrigated by each type of energy used on this place. Again, give best estimates if actual figures are not available.

- Item 10 MAINTENANCE AND REPAIR COSTS Report all expenses in 1988 for keeping irrigation equipment and facilities in working order. Include expenses for tune-ups, oil changes, and repairs to pumps, motors, pipes, canals, sprinkler systems, etc. Also include expenses for ditch and canal cleanout.
- Item 11 IRRIGATION EXPENDITURES Report expenditures made in 1988 for the construction of irrigation facilities and purchase of irrigation equipment and machinery on this place. Include estimates of expenditures made by or shared with others (landlords, government agencies, etc.). Report cost of maintenance and repairs in Item 10.

**NOTE** — Based on tests with farmers and ranchers, it takes from 30 to 60 minutes to complete this form with most operators completing it in 43 minutes per response. If you have any comments regarding these estimates or any other aspect of this survey, send them to the Associate Director for Management Services, Room 2027, Bureau of the Census, Washington, DC 20233; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

## 1988 Agricultural Economics and Land Ownership Survey, Report Form 88-A9A, Operator's Report

UE DATE FORM 88 (9-12-88)	: 30 DAYS AFT	TER RECEI	U.S. DEPARTM	IENT OF COMMERCE	TO THE	e censu	S BUREA	UISC	CONFID	ENTIAL.	It may	v (title 13, U.S. be seen only b	Code).	By the sar n Census e	mplovees a	R REPORT
198			AL ECONOMI		regulati	ion. The l	aw also p	rovide	es that c	opies re	tained i	OT be used fo in your files are	immune	e from lega	process.	gation, or
	-		R'S REPORT	E T	in corres	pondenc	e pertain	ling ti	o this re	port, pl	0830 F	rfer to your Ce	nsus Fl		r (CFN) 8-A9A	
	complete this d RETURN TO		BUREAU OF THE 1201 East Tenth Jeffersonville, IN	Street		Γ								o		
The			merican farmers are	changing.	1											
	<b>It is im</b> The relative de		know facts such as: of farmers													
	The capital inv the amoun	vestment, o	operating expenditures ces of income of farme	, and ars												
obtainin give the exact fi	g information fro best answers y igures. Your an itiality is mainte	om you and ou can, ma iswers will ined. Pleas	problems can be exe the other survey resp king estimates when the combined with se answer each quest	ondents. Please you do not have others so that ion that applies												
CENSU		036	037	038												
ONLY	039	040	041	042			_	ors in	name, a	ddress,	and ZIF	Code. ENTER	street a	nd number	if not show	). 
SECTIO	buil	dings (Se	1988 AND CURI information she asteland, idle land, h	et.) Include all cr							None	Number of acres	1 +1	hese acres and othe	current mark including the pr buildings o	e dwellings n them.
	•										1	043	04		ollars	Cents
			OWNED							• • • • • • •		045	\$ 04	6		00
2. ALL land	used rent free. (	ased FRON Do NOT inc	I OTHERS, including la clude land used on a pe	and worked on sha ar-head basis under	a grazing p	ermit.) Al	state, and Iso comple	t failfo ete ite	ad land; m 5 beid	and DW		047	\$			00
			THERS, including land in the Conservation Res								_		\$	·		00
			ACE" (Please ADD ac				nted (item	2 abo	ve), the	n		049	- [ {		e the ACRES for this surve	
"ТН	IIS PLACE'' mea	ns your fan	ers (item 3 above), and m or ranch, feedlots, p RS (item 2 above), plea	oultry houses, gre	enhouses, a	and/or an	•		ural ope	rations.			(	10402		iy report.
ŕ			Name of landlord			j –			Ma	iling ad	dress	of landlord	· · · ·			mber of
Firs	t name, middle i					Number	r and stree	et or r							280	es rented
						Cíty						State	ZIF	Code		
Firs	t name, middle i	nitial, last r	name			Numbe	r and stree	etorr	ural rout	te and b	ox num	ber			281	
						City						State	ZIF	Code		
Firs	t name, middle i	nitial, last r	name				r and stree	et or r	ural rout	te and b	ox num	ber			282	
						City						State	716	Code		
	t name, middle i							<u> </u>					21			
Firs	it name, middle i	nitiai, iast n	ame				r and stree	et of r	ural rout	e and bi	ox num				283	
		<u></u>				City						State	ZiF	° Code		
Firs	t name, middle i	nitial, last n	ame			Number	r and stree	et or r	ural rout	te and be	ox numl	ber			284	
						City						State	ZIF	Code	_	
man	y additional land	lords do yo	llords listed above, ho u have? List these tinuation sheet.		nber										1	
400,			and the should b			_	Nor		Acre cash le		D	otal cash rent ollars Cent	s			
7. How	much total casi	h rent did v	ou pay for acres lease	d during 1988?			🗆	] 06	2		063 \$	00	1			
PLEAS		nay be able of this for	etoskip b. Then mif c. The l	ne land you owned e were no crops or and you operated b or c apply to your op	livestock in before 1988	n 1988 on 8 has bee	the acres n sold and	s in '''l d is no	HIS PLA w opera	ACE'' (it ited by s	hares by em 4 ab	y someone else bove). e else.	in 1988		he return en	velope.
									N-		Acre	s	ales va			
			i by you in 1988 for — es?						NO [	064		D65 \$\$_	ollars	Cents 00		
<b>b.</b> C	)ther purposes?		n item 4 above a mana	• • • • • • • • • • • • • • • • • • • •						056	203	067 \$		00		
opera 10. in 19	ator was employ 988, did you pure	ved as a fan chase profe	m manager?	ement services	• • • • • • • • • •						204	1 🗆 YES	2			
such	as recordkeepin	ig, tarm pra	ictices advice, financia	ai planning, rent co	nection, etc				• • • • •	• • • • •		1 115	z∟	NU		

SECTION 2	AGRICULTURA													
	The following quest in section 1, item 1.	ions refer to acro IF NO LAND W/	es owned as rep AS OWNED, SKI	orted IP TO		IF NO LAND ACO SKIP TO ITEM 7.	UIRED	IN 1988 —		M	arket valu			
	SECTION 3.	r		T		6a. If you acquired lar	vin 19	988	None	Decer	mber 31, 1	988	Amount f	
			Acres	Estima market		PLEASE report es market value of la	timate	đ		196	liars	Cents	Dollars 197	Cents
		14	0	Dollars	Cents		l and		🗆	\$	l l	00	\$	00
1a.Copy reporte	ed acres from section 1, i				i					L		<u> </u>		
	f these acres owned duri				1									
December 3	till owned by you on 1, 1988? Report the mai se owned acres		2	143 \$	00									
					1	<b>b.</b> If you financed la	nd							
2. Using the ma VALUE, plea	arket value reported in ite ise estimate the market v	m 1b above as t aiue of the follow	he TOTAL wing: None	051	1	purchased in 198 above), please en	8 (iterr	6a				Γ		
a. Operator	dwelling if on acres in 1b		🗆	\$	00	amount financed following sources	from ti						Amount f	
<b>b.</b> Dweiling(	s) for hired labor if on ac	res in 1b		\$	00						1	None	Dollars 198	Cents
- All sales h				053 \$	00	1. Federal land b	ank						\$ 199	00
C. All other t	ouildings and structures o	on acres in TD .	•••••	055	1	2. Farmers Home	Admir	nistration					\$	00
d. Land (exc	luding buildings)		🗆	\$	<u>  00</u>								200 \$	00
						3. Insurance con	npanies		• • • • • • • • •		• • • • •		201	1
<ol> <li>Of the land o (item 1b), ho</li> </ol>	owned by you on Decemb ow many acres were obta	ver 31, 1988 ained by:	None	Acre	8	4. Commercial ba	inks/se	ivings & loa	n compan	ies	• • • • •		\$ 202	00
<ul> <li>Purchase</li> </ul>	from non-relative		П			5. Other (Include	seller	financing)					\$	00
				145										
b. Purchase	from relative	•••••	······ U	146										
c. Inheritanc	æorgift	• • • • • • • • • • • • •	🗆	147										
d. Other – S	Specify					7a. Report the follow	ing inf	ormation						
						for land you own December 31, 19	adion							
	· ·			148		to others.								
TOTAL (	Should equal acres in ite	m 1b)	••••			i		Number	Total a		Market			of rent in 1988
4. For all the fa	rm and ranch land owned	i on December 3	1, 1988			• Type of		of leases	leased othe		of acres Dollars		_	
	ease report the number o			Acre	\$	loaso	None	151	155		159 S	0	163 ) \$	00
a. Cropland	-		🗆			1. Cash		152	156		ş 160	1 00	164	100
h. Oraharda	vineyard			172		2. Share		153	157		\$ 161	00	) \$ 165	00
o. Orchard/v	meyard		······ ⊔	173		3. Cash/share .		154	158		\$	00		00
c. Cropland	used for permanent past	ure	🛛	174		4. Other		154	158		162 \$	0	166 ) \$	00
d. All other	pasture or rangeland		🗆	175		4. Other	Ч							
e. Forest/wo	odland not pastured													
			_	176										
f. Other (fai	rmstead, wasteland, roa	ds, ditches, etc.	) LJ			1						. г		
			<u> </u>	177		b. What were the ex leased to others i	n 1988	17 (Include y	our estim	ate of ta		None	170 Dolla	ars Centi
TOTAL (	Should equal acres in ite	m 1b)				insurance, and in production on lar								00
5. Please report	t land ACQUIRED and/or and the total acreage OW	SOLD or DISPO	SED OF during e	ach specified										
(December 3				ame period										
Land owned on			Land acquire	d Land so		8. For CASH LEASE	S repo	rted in		r				
December 31 of year below	(Acres)	Date	(Acres) (2)	(Acr (3	es)	item 7 above, ho adjustment of rer	ntal pay		None	Numbe	r of cash k		Acr 168	88
1000	1 178	During 4000	184	189	·	the event of unus exceptional cond			🗆					
1988	[ [ 179	During 1988	185	190		1								
1987		1983 — 1987	196	191		ļ								
1982		1979 - 1982	186	191										
1978	[ 181	1975 - 1978	187	192		9. Of the farm and ra	nch ler	nd vou owe	ed on			None	Acr	88
	1182		188	193		December 31, 19 were enrolled in th	38 (iter	n 1b above)	, how ma	ny acre		_ [	189	
1974	183	1970 — 1974				Reserve Program?				••••	••••		·····	
1969	1					[								
ORM 88-494 (9-12-88	31													

FORM 88-A9A (9-12-88

S	ECTION BA PURCHASES AND EXPENDITURES FOR THE AGRICULTURAL OPERAT		ING 1988		s	ECTION 4 DEBTS AS OF DECEMBER 31, 1988 (See enclosed information shoot.)			
ŀ	These items concern the kinds of purchases during 1988 for agricultural operations on '(1) REPORTED IN SECTION 1, item 4. <i>Report th</i>	n His Pl e total (	ACE" AS			The debts to be reported are those owed as of December 31, 1958 staining from the operatio the acres reported in section 1, item 4 "THIS PLACE." (Excluse sendlord debt.)	n of	Total	
	purchases or expenditures. (See enclosed in	formati	Total cost o					amount own December 31 (Exclude inte	, 1988 erest
	Capital expanditures for "THIS     PLACE" during 1988		purcheses of expenditure in 1968			· Source of debt	None	CONTRACT OF	Centa
		None		Cente	١,	Federal Land Banks (or Federal Land Bank Associations)		091 \$	00
1.	Expenditures for improvements on land such as irrigation improvements, land preparation, well deiling,		073					092	00
	ponds, drainage, roads, feedlots, fences, trench silos, lagoons, etc. (Exclude moveable equipment)		\$	00	ן י	The Farmers' Home Administration		<b>•</b>	1
2.	Expenditures for buildings and structures — Include new or additions to dwellings, barns, shelters, milking parlors, hog		074		3	a. On: crops	П	093 \$	00
	houses, poultry houses, crop storage, silos, etc. (Exclude repairs)		\$	00		b. For crop storage facilities		094 \$	00
3.	Purchases of tractors and fa. New		\$	00	ļ			095	1
	farm machinery (Report total cost minus trade-in values) b. Used		\$	00	ľ	Insurance companies (Exclude premiume due)		\$	00
4.	Purchases of all trucks and autos (Report total cost		077	00	6	Commercial banks and savings banks (national or State banks, truet companies, etc.)		096 \$	00
5.	minus trade-in values)		078		۱.	- Individuals from whom you bought part or all			
	all other livestock purchases in section 3b, item 2.)		\$	00	ł	of this acreage		097 \$	00
6.	All other agricultural capital purchases — include moveable irrigation equipment and machinery such as pipes, siphons, nozzles, pumps, and engines; other motor driven vehicles					b. Under a land purchase contract		098 \$	00
	such as airplanes or other special use vehicles and equipment that were used on this place (Exclude capital	-	079						1 1
S	purchases covered above)	L) S and		00	7	Production credit associations		\$	00
	for this place during 1988. Do not include taxes, cash rent; expenditures for the purchs machinery; expenditures for the farm dwellin	depreci use of la	lation, income nd, buildings, or		8	• Other lenders —	_	100	00
	estate taxes, insurance, and other items; ele PAID BY LANDLORDS, and value of theme fu	EXCL	UDE EXPENSES			a. State and county lending agencies	U		+00
			Total expen			<ul> <li>Mortgage companies, real estate agents or deelers, savings and ioan associations, agricultural credit corporations, credit unions, livestock ioan companies,</li> </ul>		101	
		None		Cents		and Small Business Administrations, etc.		\$	00
1.	Expenditures for feed — grain, hay, silage, mixed feeds, concentrates, etc.		\$	00	9	<ul> <li>Merchants and dealers, including cooperatives, mail order companies, farm machinery companies, and other manufacturers. (Exclude debts on 30-dey accounts) for purchase of —</li> </ul>		102	
2.	Purchases of livestock and poultry other than breeding stock and dairy cattle (Report breeding stock and dairy cattle purchases in section 3A, item 5 above)		081 I \$	00		a. Tractors and farm machinery, including repairs		\$	00
3.	Purchases of fertilizer		\$	00		b. Autos and trucks , including repairs, gasoline, oil, other fuel, feed, seed, fertilizer, ilvastock, poultry, and other purchases for the operation of this acreage from	ън. 	103	1
4.	Purchases of herbicides and pesticides		\$	00		merchants and dealers, including building supplies, foncing, hardware, customwork, and similar purchases.		\$	00
5.	Expenditures for hired and contract labor (Report gross cash payments to employees, including paid family members, before deductions for Social Security, taxes,	_	083	00	10	Any other individuals, reletives, friends, landlords, estates, etc. (Exclude debts on 30-day accounts)		104 \$	00
	Insurance premiums, etc. See information sheet.)	Ц	8		11	. Unpaid bills for veterinary services, utilities, past due taxes or		105	
0.	Purchases of gasoline, diesel fuel, LP gas, other fuel, motor oli, and grease for farm use only		\$	00		insurance premiume, and debts for other purposes relating to this acreage. (include all debts on accounts you do not expect to pay in 30 days)		\$	00
7.	Interest and service charges on: a. Farm real estate debt		085 \$	00	S	ECTION 5 MARKET VALUE OF AGRICULTURAL	PRO		
			086 I	00		SOLD DURING 1968 (See enclosed information sheet.)			
8.	b. Farm operating debt Personal property taxes on livestock, machinery, and	L	087						
	other farm production items (Report real estate taxes in section 9)		\$	00			None	Dollars	Cente
9.	Insurance premiums for all types of crops, livestock, machinery, and buildings. (Include farm share for auto and truck insurance)		C88	00		<ul> <li>What was the total market value of farm products (crope, livestock, poultry, and products, etc.) addi from this place in 1988? INCLUDE THE VALUE OF THE LANDLORD'S AND/OR CONTRACTOR'S SHARE, estimating if necessary. Also include value of government CCC losen, but avoide sales of</li> </ul>		106	1
10.	All other agricultural OPERATING expenditures such as					forest products.		\$	00
	machine hire, customwork, seeds, containers, water, transportation and marketing charges, utilities, uplkee of farm buildings, machinery and fances, drains and irrigation systems, feed drying and grinding, veturinary services and supplies, storage charges, lime and soil conditioners,	-	089		2	<ul> <li>If you rented or leased land from others on a share basis, what was the value of the landlord's share of the total sales reported in item 1 above?</li> </ul>		107 \$	00
	and general business expenses,	<u> </u>	•	00	L				

S	ECTION 6 PRODUCTION CONTRACTS			
	Did you have any contract to produce any crop, poultry, or livesto 1988? Do not include marketing only contracts. (See enclosed inf for definitions).			
	<sup>108</sup> 1 - YES - Complete this section			
1	2 🔲 NO – Go to section 7			
1.			Dollars	Cent
1.	Estimate the total market value of your production under contract (Report only for production moved		109	1
	off this place in 1988)		\$	00
	Specify items under contract 🚽			1
				i i
		-		i
}				1
		-		į
				i
			110	1
2.	How much did you receive for your production under contract? (Include any management fees received.)		\$	00
		•	111	1
3.	What is your estimate of the cost of items and services provided to you under these production contracts?		*	00
-				1
	CLIION 7 INCOME AND EXPENSES FROM OTHE SOURCES IN 1988. Do not include inco			TED
	section 5 and expenses reported in sect			beed
	information sheet.)			
	Report amount received before taxes No INCOME No	ne	Dollars	Cente
1.	Payments received by this operation for participation in			į
	FEDERAL FARM PROGRAMS and any DIRECT federal or		112	1
1	state payment received in 1988. (Include deficiency payments, conservation reserve payments, disaster			1
	payments, etc. Exclude CCC loans.}	ב	\$	1 00
	b. Gross income from ALL OTHER farm-related sources,			1
1	customwork, machine hire, recreational services,			ł
	boarding, lodging, lease of allotments, sale of forestry products, Christmas trees, gum for naval stores, and all		113	i –
Ļ	other businesses or sources of income closely related to		113	1
	this agricultural operation. (Exclude gross cash rent	~	\$	00
	and share payments.)	-		<u>†</u>
2.	EXPENSES			1
	From ALL OTHER farm-related sources reported in items 1a			
	and 1b above, enter the total estimated expenses paid by you and others in 1988. (Include all cash operating expenses,		114	1
	taxes, interest, insurances, etc. DO NOT include any expenses already reported in sections 3A and B.J	- I		00
		- 1	*	
2	ECITONES NET CASH FARM INCOME OF PARTNI PLACE (See enclosed information sheet)			HIS
	information, item 2 for definition of ope			
	pertnership.)			
1.	Was this place operated as a partnership in 1988?			
	<sup>115</sup> 1 🖂 YES – Complete this section			
	$\sim 2 \square NO - Go to section 9$	ſ		
		ł	Numbe	r
2.	How many total partners were involved in this partnership			
	operation in 1900 (including yourself):			
	117	_		
3.	VVDAT DEFCADT OF THE DRT TAITS (DCOME/LOSSES (TROM SAIAS ADD I		ss than 10 per	cent
	farm-related sources) was received by the OPERATOR as		to 29 percent	
1			to 49 percent to 69 percent	
		-	percent and o	
s	ECTION 9 REAL ESTATE TAXES	_		
	TEAL COLAIT IATES			
1	Did you report owning any farm or ranch land in 1988? (Section 1, item 1)			
'				
	268 1 YES - Complete this section (See enclosed inform	etic	n sheet.)	
1	2 🗌 NO – Go to section 10	ſ	Acres	
1	Report the number of acres of farm or ranch land shown on	ſ	118	
1	your 1988 Real Estate tax bill(s).	. L		
		r		1-
l.		ł	Dollars	Cents
1				1
2.	What was the assessed value of farm and ranch land and buildings, and other improvements shown on your real		119	
1	estate tax bill(s) for 1988?		\$	00
3.	What was the total amount of farm and ranch real estate			1
1.	taxes (land, buildings, and other improvements) payable by	-	120	1 [
L	you as shown on your real estate tax bill(s) for 1988?	•	\$	00
FORM	88-A9A (9-12-88) Page 4			

	Pa

		OPERATION			
		(See enclosed information sheet.	.)		
				Current ma value of as owned as December 31	sets s of
			None		Cent
				121	i
		s and trucks (percent farm t value)	🗆	\$ 122	00
2.	Tractors, farm mac	hinery, tools, and equipment	🗆	\$	00
3.	Crops produced and 1988. (Exclude cro	d stored and still owned on December 31 ps under government CCC loans.)	Ι,	123	1
	<b>a.</b> On-farm	•••••••••••••••••••••••••••••••••••••••	🗆	\$ 124	00
1	<b>b.</b> Off-farm		🗆	\$	00
				125	
		heep, poultry, and other livestock , fish, rabbits, etc.)	🗆	\$	00
				126	i I
		ed, fertilizer, fuel, chemicals and other	🗆	\$ 127	00
		d banks, production credit associations, opperatives		\$	00
7	All other assets of t	his FARM OPERATION (cash, bonds,			
4 1 	certificates of depo and money owed to	sit, savings and checking accounts, this operation, including crops and ture payment	nior	\$	00
4 1 	certificates of depo and money owed to ivestock sold for fu	sit, savings and checking accounts, this operation, including crops and iture payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's hous (Do not include assets reported is	nior ehold. n		00
4 1 	certificates of depo and money owed to ivestock sold for fu	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's hous	nior ehold. n		irket sets of
1 1	certificates of depo and money owed to ivestock sold for fu	sit, savings and checking accounts, this operation, including crops and ture payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's hous (Do not include assets reported in section 10A above; see enclosed	nior ehold. n	\$ Current ma value of as owned as	irket sets of
SE	certificates of depo and money owed to ivestock sold for fi <b>CTION 10B</b>	sit, savings and checking accounts, this operation, including crops and ture payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's hous (Do not include assets reported in section 10A above; see enclosed	nior ehold. n f	\$ Current ma value of as owned as December 31 Dollars	rket sets of , 1988
SE	certificates of depo and money owed to ivestock sold for fi <b>CTION 10B</b> Total value of cash accounts; Certifica	sit, savings and checking accounts, this operation, including crops and ture payment.)	nior sehold. n f	\$ Current ma value of as owned as December 31 Dollars	rket sets of , 1988
SE	certificates of depo and money owed to ivestock sold for fi CTION 10B Total value of cash accounts; Certifica- other bonds; and m	sit, savings and checking accounts, this operation, including crops and ture payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's hous (Do not include assets reported is section 10A above; see enclosed information sheet.) checking, savings, and money market tes of Deposit; U.S. Savings Bonds and	nior ehold. n f	\$ Current ma value of as owned as December 31 Dollars	rket sets of , 1988
1	Control Contro	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, see partner, or hired manager's hous (Do not include assets reported is section 10A above; see enclosed information sheet.) checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets welling, if owned (Do not include value	nior ehold. n f	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130	rket sets of 1988 Cents
1. 2. ( 3. (	certificates of depo and money owed to ivestock sold for fi <b>CTION 10B</b> Total value of cash accounts; Certificat other bonds; and m Corporate stock, ca and all other finance Off-farm operator of reported in section <b>a.</b> What was the est	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, see partner, or hired manager's hous (Do not include assets reported is section 10A above; see enclosed information sheet.) : checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets welling, if owned (Do not include value 2, item 2b.) timated market value of this dwelling	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$	rket sets of , 1988   Cents   1   1   00   1   1   1   1   1   1 
1. 2. ( 3. (	certificates of depo and money owed to ivestock sold for fi <b>CTION 10B</b> Total value of cash accounts; Certificat other bonds; and m Corporate stock, ca and all other finance Off-farm operator of reported in section <b>a.</b> What was the est	sit, savings and checking accounts, this operation, including crops and trure payment.)	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$	rket of , 1988 Cents I I I I I I I I I I I I I I I I I I I
1. 2. (	Certificates of depo and money owed to ivestock sold for fi CTION 10B CTION 10B CTION 10B Corporate stock, ca and all other financ Off-farm operator d reported in section a. What was the es as of December b. What were the d	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, see partner, or hired manager's hous (Do not include assets reported is section 10A above; see enclosed information sheet.) : checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets welling, if owned (Do not include value 2, item 2b.) timated market value of this dwelling	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$	rket sets of _Cents I I I I 00 I I I I I I I I I I I I I I
1	Total value of cash isestock sold for fi CTION 10B Total value of cash accounts; Certificar other bonds; and m Corporate stock, ca and all other finance Off-farm operator d reported in section a. What was the es as of December b. What were the d December 31, 1 Other assets owned and businesses not nput and processin second/vacation ho	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's house (Do not include assets reported in section 10A above; see enclosed information sheet.) : checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets 2, item 2b.) trimated market value of this dwelling 31, 1988? ebts owed on this dwelling as of 988? i and debts — Include real estate part of this operation, such as farm g enterprises, beauty shops, etc.; mes and recreational vehicles; the autos and trucks; and machinery	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$ 131 \$ 132 \$	rket sets of _Cents 1 1 1 00 1 1 1 1 00 1 1 1 1 1 1 1 1 1
1	Control careficates of depo and money owed to ivestock sold for fi CTION 10B CTION 10B CTION 10B CTION 10B Composition of the sold of the control of the sold of the control of the sold of the composition of the sold of the composition of the sold of the composition of the sold of the composition of the sold of the composition of the sold of the composition of the sold of the composition of the sold of the composition of the composition of the sold of the sold of the composition of the sold of the sold of the composition of the sold of the sold of the sold of the composition of the sold of the sold of the composit	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, sen partner, or hired manager's house (Do not include assets reported in section 10A above; see enclosed information sheet.) : checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets 2, item 2b.) trimated market value of this dwelling 31, 1988? ebts owed on this dwelling as of 988? i and debts — Include real estate part of this operation, such as farm g enterprises, beauty shops, etc.; mes and recreational vehicles; the autos and trucks; and machinery	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$ 131 \$ 131	rket sets of _Cents 1 1 1 00 1 1 1 1 00 1 1 1 1 1 1 1 1 1
1	CTION 10B Total value of cash accounts; Certification other bonds; and mo Corporate stock, ca and all other finance Off-farm operator d reported in section a. What was the est as of December b. What were the d December 31, 1 Other assets owned and equipment for r b. Estimated marke December 31, 1 Differ asset owned and equipment for r a. Estimated marke December 31, 1	sit, savings and checking accounts, this operation, including crops and trure payment.) HOUSEHOLD ASSETS Report for the farm operator, sem partner, or hired manager's house (Do not include assets reported in section 10A above; see enclosed information sheet.) : checking, savings, and money market tes of Deposit; U.S. Savings Bonds and oney owed to you sh surrender value of life insurance, ial assets 2, item 2b.) trimated market value of this dwelling 31, 1988? 4 and debts — Include real estate part of this operation, such as farm g enterprises, beauty shops, etc.; mes and recreational vehicles; the autos and trucks; and machinery onfarm uses, etc. trucia of these assets, as of 988.	None	\$ Current ma value of as owned as December 31 Dollars 129 \$ 130 \$ 131 \$ 132 \$ 133	rket sets of Cents 00 00 00 00 00

1.	GIION 11 OFF-FARM INCOME DURING 1988 AND HOUSEHOLD SIZE (See a for the farm operator, sonior partner, or hired manager's household		•					
	How much did you and persons living in your household receive in 1988 from each of the following a. Cash wages, salaries, tips, military pay, commissions, piece-rate payments, and cash bonuses			t bei	fore	None	Doilars	Cents
	deducting income taxes and other withholding items.)	-				_	206	
	(1) Nonfarm jobs						\$ 207	00
	(2) Other farm and ranch work Exclude customwork reported in section 7, item 1b					_	\$ 208	00
	(3) Wages paid to household members for work on this place						\$ 209	00
	b. Operation of self-employment business (not reported in section 7) or professional practice. Rep	ort net a	after ca	ash (	expenses (Net Cash Income	1	\$	00
	c. Retirement and/or disability (1) Social Security						210 \$	00
	(2) Other public retirement or disability payments (government, military, or railroad)					·	211 \$	00
	(3) Private pensions						212 \$	00
	d. Public assistance, Supplemental Security Income, and unemployment compensation						213 \$	00
	Interest and dividends					_	214	00
	<ol> <li>Net income from estates or trusts, rental income from nonfarm properties, royalties for mineral</li> </ol>					_	215	00
							218 \$	00
							217	00
	h. Gifts or inheritance						218	00
	i. Net gain from sales of items such as real estate, machinery, stocks, allotments, and bonds (not	ncluded	86 p8i	tor	this place)	. LJ	\$	
	IZE OF HOUSEHOLD How many persons were in your household on December 31, 1988? Include yourself (operator or r		-	Ē	Number 219			
<b>4</b> 8.	spouse, children, and others living in your household			. [	220			
	How many were under 16 years of age?	<u></u>		. ]		1		
SE	CIION 112 OFF-FARM WORX AND EDUCATION (See enclosed information sheet.)				0-1 1	310		
	NOTE: Answer column 1 for operator.		R	EPO	Column 1 ORT FOR OPERATOR			olumn 2 FOR SPOUSE
	Answer column 2 for spouse; if no spouse mark (X) box top of column 2.	254	_			261		
1.	Education — What was the highest grade (or year) of school ever completed?		i∐Le 2⊡9-		than 8 4∐ 13−14 1 5⊡ 15−16		Less than 9–11	8 4 🗆 13 – 5 🗆 15 –
					6 🗌 17 or more		∃ <b>3</b> −11 ∃12	6 🗌 17 or
2.	Off-farm work - Did you or your spouse work for pay at an off-farm job during 1988? (Include	265	_					
	self-employment business or professional work. Exclude exchange farm work.)		_		<ul> <li>Complete this column</li> <li>If no for both, skip to</li> </ul>	¦311	Spouse di	d not
		i	2 - 14	0 -	section 13. If spouse is	i	work off-	farm
	a. For whom did you or your spouse work? (Name of company, business, organization, or other employer.)	258   4	Specifi	~	Yes, complete column 2	1262 i Sr	acify	
	b. What kind of business or industry is this? (Public school, road construction,	i	opoon			i .		
	auto repair, State Labor Dept., farm, etc.)	¦ ł	Specify	y		_¦ Sp	ecify	
	c. What kind of work were you (or your spouse) doing? (Electrical engineering, stock clerk, typist, farm or ranch worker, etc.)		Specify	y		Sp	ecify	
	d. What were your (or your spouse's) most important activities or duties on the job?	i.	C			i c	ecify	
	(Types, sell cars, operates a truck, finishes concrete, keeps accounts, etc.)		Specify	y		263	еспу	
	Were you (or was your spouse):     Employee of another farm or ranch?	.   1		۱		1 1	٦١	
	• Employee of a private company, business or individual, for wage, salary, or commission?		2 🖸			2		
	Federal, State, local government, or school district employee?		3 L L	١.	Mark (X) ONE box	3	_ 1	(X) ONE box
	Self employed — operating a nonincorporated farm related business?		<u>.</u>	[		5		
	<ul> <li>Self employed — operating an incorporated nonfarm related business or professional practic solf amployed — operating a participation operation of the self amployed provide a self-amployed i></ul>		30 70 .			6		
	<ul> <li>Self employed — operating a nonincorporated nonfarm related business or professional practice?</li> </ul>			•		264	_ ,	
3.	How many hours per week were normally worked for pay at this off-farm job?	1			Hours		·	Hours
4.	How many weeks per year were normally worked at this off-farm job?	259	'		Weeks	285		Weeks
		260	)			266		
_	How many miles were traveled one way to work at this off-farm job?	-   -			Miles	1 -		Miles
5.				<u>~</u> ~-	MPLETE COLUMN 2			

FORM 88-A9A(I) (10-13-88)

## INFORMATION SHEET 1988 AGRICULTURAL ECONOMICS AND LAND OWNERSHIP SURVEY

### **General Information**

Changes in the agriculture sector have created a demand for current data on farm assets and liabilities, farm debt, land ownership, etc. Your name has been selected as a sample of farm operators from the 1987 Census of Agriculture to provide additional data on land ownership, farm income, assets, debt, production costs, and nonfarm income from farm households.

To make record keeping more economical, every report form mailed in the 1988 Agricultural Economic and Land Ownership Survey has a separate Census File Number (CFN). We need a reply from everyone receiving the report form as soon as possible, whether agricultural operations were conducted in 1988 or not. Please follow the instructions given below before completing section 1. You will then be able to determine what additional information is to be provided.

#### 1. More Than One Report Form

If you received more than one report form and you DID NOT have multiple farming operations, complete only ONE report form for your operation. Near the address label of each extra report form, write "Extra" and the 11-digit (CFN) from the label of the report form you completed. Return the extra report(s) in the **same** envelope with your completed report form, so that we can remove the extra addresses from our mail register.

If you had multiple farming operations, several of them might have been selected for this survey. If you get multiple report forms, you are requested to complete a report form for EACH SEPARATE and DISTINCT production unit (farm, ranch, feedlot, greenhouse, etc.) for which you receive a form if you maintained SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production. If you have more operations than you received forms, please do not combine them into any of the forms received. Report only for those operations for which data are requested.

#### 2. Partnership Operations

Complete only ONE report form for the entire partnership farm and ranch operations, including all partners' shares on the same report. If two or more report forms were received for the partnership operation, follow the instructions in item 1 above.

A partnership is an association of two or more persons who have agreed (informally or under legal contract) on the amount of their contributions or profits.

Co-ownership of land by husband and wife, or joint filing of income tax forms, does not constitute a partnership unless an agreement to share contributions, decision-making, profits, and liabilities exists. Consider the operator to be the "Senior Partner' and who functions as the person mainly in charge of the agricultural operations on this place as defined in section 1, item 4. If partners share the work equally, consider the oldest individual as the "Senior Partner" and the "Operator" for reporting purposes on this partnership.

#### 3. Sections Which Do Not Apply

The enclosed report form may contain sections and inquiries which do not apply to you. If a section or item does not apply, you may simply mark the "None" or "No" box and go on to the next item or section as directed.

#### 4. How To Respond

Please record your answers in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, acres, etc. Write any explanation outside the answer spaces, in the remarks section, or on a separate piece of paper. Remember to write the 11-digit CFN on any correspondence.

If you do not recall exact figures, please give your best estimates. You may indicate "Est." (for estimated) beside the answers, if you like. For all dollar items, report whole dollars. The "Cents" columns have been preprinted with zeros.

## **Information for Specified Sections**

#### Section 1 -- ACREAGE IN 1988 AND CURRENT MARKET VALUE OF LAND AND BUILDINGS

Section 1 determines the land for which you should report agricultural activities. It also provides space for reporting value of land and buildings, names and addresses of landlords, and other land-related items.

#### **Changes in the Acres Operated in 1988**

Report all land associated with your agricultural operation in 1988 even if some or all of it was no longer a part of your operation on December 31, 1988.

If you had agricultural operations at any time during 1988, but quit farming before December 31, 1988, report your 1988 operations and sales, for that land, during the portion of the year that you operated. If you have quit farming, you would not normally have inventory values for poultry, livestock, machinery, and equipment to report. Please explain in section 13 that you quit farming or ranching during 1988 and give the approximate date. If the land you previously operated is currently being operated as an agricultural operation by someone else, please give the name and address of the current operator.

If you acquired land for agricultural operations, but did not use it for livestock or crop production, it should still be included in section 1, item 1.

**Completing Items 1, 2, 3, and 4 of Section 1** — Use items 1, 2, and 3 to determine the total acres of land you own and operate. These data will determine the sections to be completed on the survey report form. Include all land you were associated with in 1988, regardless of location or use. Do not include holdings of residential or investment property located off "this place" (the farm land you operate). Report all land in whole acres. If you operate less than one acre, report it as one acre.

**Item 1 – Land Owned** – Report all land owned and associated with agriculture in 1988 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate, by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting. Exclude residential property not located on this operation.

Item 2 — Land Rented or Leased FROM OTHERS — Report all land rented by you from all landlords even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.

**INCLUDE in item 2:** 

- a. Land (for agricultural uses) that you rented FROM others for cash payments
- b. Land worked on a share basis
- c. Land owned by someone else which you used rent-free
- d. Federal, State, Indian, or railroad land rented or leased by the acre

The names of all landlords are needed. Landlords will be contacted to provide their financial information on costs and returns for land leased to each operator.

#### DO NOT INCLUDE in item 2:

Public land used on a per-head or animal unit license or permit basis. For example, land used under section 3 of the Taylor Grazing Act, national forest land, and certain Indian reservation permit land.

#### Item 3 - Land Rented TO OTHERS -

**INCLUDE in item 3:** 

- Owned land rented TO others for cash or a share of the crops or livestock
- Land which you rented from others and then subleased to others in 1988
- c. Land rented out for residential or other nonfarm purposes, if it was part of the land reported in items 1 or 2
- d. Land worked for you by someone else on a share-of-crop or livestock basis
- e. Land which you allowed others to use rent-free

Note: Do not include land enrolled in the Conservation Reserve Program (10 year CRP land) as rented to others.

**Item 4 — Acres in This Place** — This is the total acres you owned in 1988 (item 1), PLUS the land you rented FROM others (item 2), MINUS the land you rented TO others (item 3). It is very important that you report this figure correctly (even if "O" acres), since much of the form applies to the resulting net figure — the "Acres in This Place."

## "Zero Acres in This Place" — Should you complete the rest of this form?

If you had crop or livestock activities on the land for any portion of 1988, you should complete the rest of the form. See "Changes in Acres Operated in 1988" above.

If all your land was operated by a cash or share tenant for all of 1988, skip to section 13 and:

a. Explain in section 13 that "All land was rented out," and give the name and address of the cash or share tenant in 1988.

**b.** Complete section 14 with name, date, and telephone number. If you had no agricultural operation during 1988:

a. Explain briefly in section 13, "sold farm," "retired," etc., and give the approximate date that you quit operating. If you sold your farm, please give the name and address of the current owner(s) or operator(s), if known.

**b.** Complete section 14 with name, date, and telephone number. Mail the form in the return envelope provided.

Value of Land and Buildings — Current Market Value is defined as the value at which the farm or ranch could be sold within a reasonable length of time. The full market value of land and buildings should include the influence of nonagricultural factors such as being near an urban area, market interest rates, as well as agricultural factors affecting market value. Please give your best estimate of the current market value of the land and permanent buildings, including permanently attached or built-in equipment. Include the value of the dwelling(s) on this place and of all farm buildings such as barns, poultry houses, fruit packing sheds, vegetable sheds, etc. Include the value of attached or built-in machinery and equipment which would normally be included with the sale of the farm or ranch such as:

- a. Crop drying equipment (not portable)
- b. Tobacco curing equipment
- c. Stationary feed grinding and mixing equipment
- d. Automatic feeding and watering equipment
- e. Cages and pens, used for confinement of livestock and poultry
- f. Cold storage facilities for fruit, vegetables, etc.
- g. Stationary hatchery equipment
- h. Stationary greenhouse heating and watering equipment

EXCLUDE the value of portable equipment and machinery such as portable irrigation systems and portable crop dryers.

DO NOT INCLUDE the value of major agricultural manufacturing or processing plants, such as cotton gins or sugar mills, located on this place, nor the value of other buildings used for nonagricultural purposes, such as retail stores, filling stations, factories, motels, etc.

**Item 9 – Farm Manager** – A hired farm manager is a person who is paid a salary or wage (and sometimes a commission) to operate a farm or ranch for an individual or family, a corporation, an institution, or other organization. The farm manager is often responsible for purchases, sales, making day-to-day operating decisions involving the crop or livestock operations for the farm or ranch, and most frequently supervises others in performing these operations. Do not confuse a farm manager with a hired person(s) who merely carries out the employer's instructions, or with a foreman or a share operator.

**Item 10** — **Services** from a professional farm management firm might include accounting and financial planning, (once a year tax preparation does not constitute financial planning), record keeping, production and input information, crop and livestock marketing, rent collecting, tenant finding, etc. These services would be performed by a person or firm other than the farm or ranch operator, landlord, or tenant.

#### Section 2 – AGRICULTURAL LAND OWNERSHIP

Section 2 refers to all of the **land owned on December 31, 1988**. The acres owned as reported in section 1, item 1, were all the acres owned and operated anytime during 1988. If there was no land owned on December 31, 1988, skip to section 3. If any land was acquired, sold, or disposed of during 1988, the response to land owned on December 31, 1988 may differ from land operated during 1988, by the amount of acres involved in these transactions. If no land transactions took place during 1988, the entries in (1a) land owned during 1988 and in (1b) land owned on December 31, 1988, will be the same. The market value for land, dwellings, and other buildings is the value of these items on acres owned December 31, 1988, reported in item 1b. The value of farm and ranch land and all buildings owned on December 31, 1988, may vary from the total market value reported in section 1, item 1 by the value of land sold in 1988. The operator's dwelling and dwellings for hired labor must be located on the land owned to be reported in item 1b. Your best estimate is requested when reporting these values. The sum of land and all buildings reported in item 2 (a-d) should equal the total market value reported in item 1b.

Item 2 – All Other Buildings and Structures includes barns, cribs, silos, equipment shops, grain bins, storage sheds, etc.

#### Item 4 — Land Use Definitions

- a. Cropland is land that is cultivatable and normally used for crops.
- b. Orchard/vineyard are permanent crops such as tree crops and vineyards.
- c. Cropland used for permanent pasture is cultivatable cropland that is being used for permanent pasture but could be cropped.
- d. All other pasture or rangeland is all land owned where livestock are permitted to graze (exclude any non-owned public grazing land).
- Forest/woodland not pastured is forest and woodland on which livestock is fenced out.
- f. Other (farmstead, wasteland, roads, ditches, etc.) is wasteland, roads, driveways, ditches, building sites, houses, barns, wind breaks, ponds, lakes, personal gardens, etc.

Item 5 — Land Acquired, Sold, or Disposed of and Owned on Specific Years — Report acres owned as of December 31 for the specified year in column 1. Report acres acquired and/or sold for the period shown in columns 2 and 3.

**Item 7a — Leases** — Item 7 requests the number of leases, acres leased, market value of acres leased and value of rent received, by type of lease on the land **you owned** on December 31, 1988. Do not include land you rent from others, and in turn, subleased to someone else. The market value of acres leased should be your estimate of the value for all land and buildings leased, if sold on the current market. The value of rent received should be the cash value of rent paid to you, or if the rent payment was received as a share of the crop or livestock, estimate the cash value of such items if they were sold on the current market. Any combination of cash and share payment should be summed together for total value of rent received during 1988.

Item 8 — Cash Leases Adjusted — Unusual conditions could be considered drought, hall, tornado, hurricane, adverse weather damage, etc. Exceptional conditions could be growing conditions where yields are above normal.

#### Section 3 — PURCHASES AND EXPENDITURES DURING 1988 FOR THE AGRICULTURAL OPERATION

DO NOT INCLUDE:

- a. Expenditures on farm property rented to others
- b. Expenditures on nonfarm property
- c. Expenditures made by landlord(s) (such as taxes)
- d. Expenditures related to nonfarm activities (trading and speculation or livestock dealer activities)
- Section 3A Report all capital purchases or expenditures made for the agricultural operation during 1988. Include sales taxes, but exclude finance charges. Finance charges will be recorded in section 3B, item 7. Report the costs of items minus trade-in values allowed. If you had no expenditures for the items, mark (X) in the "None" box.
- Section 3B Report all agricultural operating expenses you, the partnership, or organization incurred for the "acres in this place" as reported in section 1, item 4. Do not include estimates of expenditures for items provided or paid for by landlords. The value of items or inputs furnished by contractor on a production contract are to be reported in section 6, not as operating expense in this section.

Item 5 — Hired and Contract Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Include as contract labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 10.

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Item 7 — Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place." Include interest paid on CCC loans in item 7b. If during the year you borrowed funds for general farming or ranching operations and cannot readily state the specific purpose for which the funds were used, report the interest expense on the amount borrowed in item 7b.

#### Section 4 – DEBTS AS OF DECEMBER 31, 1988

Report all debts owed as of December 31, 1988 on the assets owned by the farm operation, partnership or corporation, and associated with the agricultural operations on "this place." If you cannot allocate debt between owned land reported in section 1, item 1, and owned land rented to others in item 3, report the total debt for owned land and explain in "Remarks" in section 13.

For debts covering land in addition to acres "in this place," report your estimate for that part of the debt that applies only to "this place." The share to be reported should be estimated in proportion to the market values of the properties. Other debts should also be prorated if they relate only in part to the agricultural operations "on this place."

DO NOT INCLUDE:

- a. Debts on farm property rented to others
- b. Debts on nonagricultural property such as cotton gins, canning factories, sugar mills, motels, stores, etc.
- c. Your landlord(s) share of any debts
- d. Charge accounts that are usually paid in full each month (debts owed for less than 30 days should not be reported)

INCLUDE:

a. Debt on accounts you do not expect to pay in 30 days

For each of the specified lending sources to which no debt was owed on December 31, 1988, mark (X) in the "None" box.

#### Section 5 – MARKET VALUE OF AGRICULTURAL PRODUCTS

Report the gross value of all crops, livestock, and poultry, and their products sold from "this place" in 1988. Reasonable estimates are acceptable. Use the following definitions to determine whether to include or exclude data:

**Calendar Year** — Report all sales in calendar year 1988 regardless of the year produced.

Shares — If you rented land on a share basis or worked on shares for others, include the value of the landlord's share of any products removed from this place in both item 1 and item 2. Estimate the equivalent market value, if necessary.

**Partnership** — If the farm or ranch is operated as a partnership, report the total value of all products sold from this place for all partners.

**Government Loans** - Consider the value of a crop placed under government loan or seal in 1988 as sold.

**Co-op and Pool-Type Arrangements** — If a crop was sold through an organization which makes payments in several installments over a period of time, report the total value received in 1988 regardless of the year the crop was produced.

**Contract Production** — For products produced under a contract or agreement, report an estimate of the market value of the product at the time it was removed from "this place," even though you may have received only a portion of the value.

Sales by Other Household Members — Include the sales of products made from this place by other household members, such as 4H projects, etc.

Nonfarm Activities — Exclude sales of nonfarm-related businesses or activities such as livestock dealer activities. For example, do not include the value of animals purchased and resold within 30 days. The income and expenses from these kinds of activities are reported in section 7.

Home Use - Do not include the value of home use.

Forest Products — Exclude the value of forest products sold. They are to be reported in section 7, item 1b.

Sales From Other Places — Exclude farm sales from land rented to others or from livestock held on or sold from someone else's farm or ranch. If livestock were placed in a feedlot for finishing, report as market value your estimated value of the livestock when they were removed from "this place."

The sum value of all sales, shares, loans, co-op, and contract arrangements make up the total market value of farm products sold. If you rented or leased land from others on a share basis, the value of the landlord's share should be included in item 1 and is also reported in item 2 as the value of the landlord's share.

#### Section 6 - CONTRACTS

Many farm products are produced and marketed under a contract or binding agreement between the farm operator (producer) and the person who buys or uses the farm product. It may be a production contract, a marketing contract, or a combination of both.

**Production contracts** require the contractor to provide an input usually in the form of livestock, poultry, seed, feed, machine work, or labor. If the agreement establishes only a market for the product and does not provide any input from the contractor, it is considered a sales or marketing contract and does not apply to this section.

Report in item 1 your estimate of the market value of the commodity produced under a production contract. The market value will be your estimate of the value of the commodity when taken from "this place," (including the landlord's share).

In item 2 report all **cash** value, including management fees received for producing the commodity under contract, (also include landlord's share). Report in item 3 your estimate of the value of inputs provided to you under the production contract. This would be the value of labor provided, your estimate of any livestock or poultry provided by the contractor (your estimate of their market value when brought onto "this place"), and any service such as spraying, tilling, harvesting, etc., provided by the contractor.

**Marketing contracts** usually specify the kind and/or amount of farm products to be delivered, but do not furnish inputs such as feed, seed, labor, or equipment.

Do not include contracts made by you for sevices (customwork, hauling, etc.) or to produce farm items for you where you are the purchaser rather than the supplier of the products.

#### Section 7 – INCOME AND EXPENSES FROM OTHER FARM-RELATED SOURCES IN 1988

Item 1a — Report payments you received in 1988 from all State or federal government farm programs. For example: conservation reserve, acreage reduction, disaster relief or wool incentive programs. (Exclude CCC loans, the value of CCC loans are reported in section 5.)

**Item 1b** — These data are other income from farm-related sources not reported in section 5. Report only those income producing activities for which you used part of the land, buildings, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report **gross amount** received before taxes and expenses. Do not report income or expenses for customwork or agricultural services you provided for others **if operated as an entirely separate business** from your agricultural operations. The net income from a separate business should be reported in section 11, item 1b.

**Item 2** — Include any expenses incurred from producing income from farm-related sources that have not been reported in sections 3a and 3b. (For example, if you leased a lot to sell Christmas trees produced on your farm and the cost was not reported in section 3, it should be reported here.)

#### ► Section 8 - NET CASH FARM INCOME OF PARTNERSHIPS

Report the proportion of the total net cash farm income received from "this place" by the senior partner. (See definition of operator in Partnership Operations, item 2, General Information on the information sheet.)

Report the total number of partners in the partnership including the operator (senior partner) and estimate what percent of the net farm income was received by this operator (senior partner).

The net cash farm income is calculated by taking the gross sales of agricultural products of the farm, plus gross income from farmrelated sources, minus the cash farm operating expenses and the cash operating expenses for farm-related income sources.

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#### Section 9 — REAL ESTATE TAXES

Report in this section taxes levied on farm and ranch land, buildings, and other improvements, reported on your tax bill(s) for the year 1988.

If you have more than one tax bill (example, county, State, school district, etc.) for the same acres:

- a. Include the acreage only once in item 1
- b. For one parcel, report in item 2 the largest assessed value from one of the individual tax bills
- c. For multiple parcels, report the sum of the taxes paid by you from all bills in item 3

Do not include taxes on nonfarm property, such as land and buildings used for cotton gins, sugar mills, canning factories, motels, stores, etc. For taxes that are levied on both agricultural and nonagricultural property, estimate and report only that portion of the taxes applying to your farm or ranch. Also exclude personal property taxes (personal property taxes are reported in section 3b, item 8). Do not include real estate taxes on operator dwellings not located on "this place."

#### Section 10 — ASSETS OWNED BY THE FARM OPERATION AND HOUSEHOLD

Report all assets owned on December 31, 1988. Estimates are acceptable.

- Section 10a Report assets owned by the farm operation, partnership, or corporation and associated with "this place" as defined in section 1. Item 3 includes crops produced and stored whether to be sold or not. Also included in item 3 could be crops produced and intended to be fed to livestock or poultry. Item 5 contains feed that was purchased and intended for use on "this place."
- Section 10b Report assets owned and belonging to the operator, (senior partner in a partnership) or farm manager, and his/her household. The household is defined as anyone residing in the operator's residence (the operator, spouse, children, other relatives, and any other persons living with the operator in his/her household).

If household and business accounts are not kept separately, allocate the financial items between section 10a, items 6 and 7, and section 10b, items 1 and 2, according to whether you feel these assets are owned by the business or members of the household.

#### Section 11 - OFF-FARM INCOME DURING 1988 AND SIZE OF HOUSEHOLD

Report in this section the income of all members of the operator's household. If the report is for a partnership, include payments received by the senior partner and persons living in his/her household.

Include income received between January 1, and December 31, 1988. Be sure to include wages, salaries, pensions, interest, and other payments, etc. received by you, your spouse, your children, other relatives, and other persons living in your household. This includes persons who usually live there but are temporarily away for reasons such as visiting, traveling, attending school or college, or in hospitals or nursing homes, etc.

If a member lived in your household for only a part of 1988, include the income of that member only for the time that he/she was in your household. Do not include payments received by persons (such as hired workers, etc.) not living in the operator's household.

If you are not certain of the exact figures, please give your best estimate. Mark (X) in the "None" box if you have no off-farm income to report.

Managed Farms Including Large Corporations — For a farm or ranch operated by a farm manager or by one family, relate all income items to the farm manager and the persons living in his/her household. In item 1a(3), include the salary, wages, or commissions received by the manager from the employer. Do not include any nonfarm income received by the corporation or employer.

Losses — If your household had net losses from the rental of nonfarm properties (item 1f), the sale of items such as real estate, machinery, stocks, etc. (item 1i), the operation of a self-employment business (item 1b) in 1988, report those losses by writing "LOSS" to the right of your entry.

Item 2 — Size of Household — Include persons whose usual place of residence is in your household, as of December 31, 1988. As mentioned above, this includes persons who usually live there but are temporarily away for reasons such as visiting, traveling, attending school or college, or in hospitals or nursing homes, etc. Exclude persons who are temporarily in your household, for example, visiting you for the holidays.

#### Section 12 – OFF-FARM WORK AND EDUCATION

Please complete this section for both the operator and spouse. No legal status between the operator and spouse are required, but usually the spouse is either the wife or husband of the operator.

Off-farm work by the operator or his/her spouse is defined as work off "this place" in section 1. This off-farm work may be farmwork on another farm or ranch, but farmwork on another farm in exchange for like work is to be excluded. If the operator or spouse worked more than one off-farm job in 1988, describe the one at which the most hours were worked between January 1 and December 31, 1988. Do not include hours worked but not paid.

Based on tests with farmers and ranchers, it takes about 45 to 90 minutes to complete this form with most operators completing the form in 60 minutes. If you have any questions regarding these estimates or any other aspect of this survey, please call or write the Associate Director for Management Services, Room 2027, Bureau of the Census, Washington, DC 20233; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

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# 1988 Agricultural Economics and Land Ownership Survey, Report Form 88-A9B, Landlord's Report

FORM (9-12	88- 88)	A9B		U.S. DEPARTMENT OF U.S. DEPARTMENT OF BUREAU O AL ECONOMICS	F THE CE	NSUS TO TH used o	E CENS only for	sta	OMB No. 0607-0630: Approval Expires 09/30. sponse to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT IS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be tatistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or law also provides that copies retained in your files are immune from legal process.
				RSHIP SURVEY			spond	ene	nce pertaining to this report, please refer to your Census File Number (CFN)
			LANDLOR	D'S REPORT		Ĺ			88-A9B
Ple for	ase c m and	omplete t d RETURN	his J TO	BUREAU OF THE CENSI 1201 East Tenth Street Jeffersonville, IN 4713					- 7
	The	it is		merican farmers are chang know facts such as:					
info	rmatio	The capita the arr many othe from you	I investment, nount and sour financial prot and the othe	operating expenditures, and ces of income of farmers ilems can be examined only b r survey respondents. Pleas timates when you do not h	e give	the			
figu	res. Ye	our answers	will be combi	log 1037 1038	lentiali	ty is			
CE US ON		039	040	041 042			Pleas	e ca	correct errors in name, address, and ZIP Code. ENTER street and number if not shown.
SE	стіс	ON 1	CREAGE	N 1988 AND CURRENT	MAR	KET VALUE	of lanc	ar	and buildings
				were used in 1988 by the farm line of the address label?		Acres 049	s		Estimated market value Dollars Cents
									None 050
2.	What i	is your estin	nate of the ma	rket value of all land and build	lings in	cluded in item 1	?	•••	
				d in item 2, what was the est					
	a. Ten	ant dwelling	g (If on acres r	eported in item 1 above)	• • • • •	• • • • • • • • • • • • • •		• •	057
		-							
	c. Oth	er dwellings	s on acres repo	rted in item 1 above including	landio	rd's residence .	• • • • • •	•••	·····
	d. All	other buildir	igs and structu	ires (on acres in item 1 above	)	· · · · · · · · · · · · · ·			060
	e. Lan	d (Excludin	g buildings) .	• • • • • • • • • • • • • • • • • • • •				• •	
4a.	Did yo	u operate a	farm or ranch	in 1988? —					
	149 1	YES .	2 🗆 NO – S	KIP to section 2A		ned acres	Nar	ne	· · · · · · · · · · · · · · · · · · ·
h.	lf ves	how many	of the acres or	erated in 1988 were	150	erated in 1988	Nun	ber	er and street
	owned	t by you? Al		or ranch name and			City		State ZIP Code
						INO 4000 :			
35	CIR			S AND EXPENDITURES with the acreage reporte			1	F	SECTION 2B AGRICULTURAL OPERATING EXPENSES AND OTHER PURCHASES related to the acreage in section 1, item 1, during 198
		,	nade during 19	s section concern the kinds of p 88 for the agricultural operation penditures. Do not include your	is. Repo	ort the total cost	of the		Do not include expenses paid by tenant, depreciation, income taxes, expenditures for the purchase of land, buildings, or machinery, expenditures fo the landlord dwelling including repairs, real estate taxes, insurance, etc.
	ac	reage repoi	ditures relation			Total cost purchases expenditu	s or ires		Operating expenditures     None     Total     expenditures     None     Dollars     Cem     oso
	du	ring 1988			None	in 198 Dollars	Cents		1. Expenditures for feed – grain, hay, silage, mixed feeds, concentrates, etc.
	improv	/ement, land	preparation,	on land: such as irrigation well drilling, ponds,		073	1	-	2. Purchases of livestock and poultry other than breeding stock and dairy cattle – Report breeding stock and dairy cattle purchases in section 2A, item 5.
				s, trench silos, lagoons, etc.		\$	00		3. Purchases of fertilizer
2.	Expen	ditures for b	uildings and s	tructures — Include arns, shelters, milking		074		Ľ	4. Purchases of herbicides and pesticides
	parlors	s, hog house	es, poultry hou	ses, crop storage,		\$	00	5	5. Expenditures for hired and contract labor – Report gross cash payments to employees including paid family members, before deductions for social security, taxes, insurance premiums, etc.
			ors and farm r ninus trade-in			075		e	6. Purchases of gasoline, diesel fuel, LP gas, other fuel,
	a. Nev	•				\$	00	ŀ	7. Interest and service charges on:
	<b>b.</b> Use	d.				076 \$	00	l	a. Farm real estate debt
						077		1	b. Farm operating debt
44.	Purcha cost n	ases of all tri ninus trade-	ucks and auto in values	s — Report total		\$ 078	00	٩	Personal property taxes on livestock, machinery, and other farm production items - Report real estate taxes in section 7.     \$         00
				and dairy cattle – Report all tion 2B, item 2		\$	00	18	9. Insurance premiums for all types of crops, livestock, and property insurance on farm buildings (Include farm share of autos and truck insurance.)
	irrigati nozzle and eq vehicle	on equipme s, pumps, a juipment sur es that were	nt and machin nd engines; ot ch as airplanes used on this p	hases Include moveable ery such as pipes, siphons, her motor driven vehicles , or other special use lace. ( <i>Exclude capital</i>		679		1	10. All other agricultural operating expenditures such as machine hire, customwork, seeds, containers, water transportation and marketing charges, utilities, upkeep of farm buildings (including tenant's dwelling), machinery and fences, drains and irrigation systems, feed drying and grinding. veterinary
					, !	\$	00	L	services and supplies, storage charges, lime and soil conditioners, and general business expenses

	DECTION 3 DEBTS AS OF DECE		8		<u></u>	_	SE	CTION 6	AG	RICU	JLTURA	L LAND OV	/NERSHIP	,		
	(See enclosed information) The debts to be reported are those owed b as of December 31, 1988 arising from the	v the landlord		owed	tal amount by landlord nber 31, 19	don	1.	(include all c woodland, w	ropland, vastelan	l, pastu nd, idlel	reland, rai and, and f	arm residences	Tota		Estimated market value Dollars Cen	
	the acres reported in section 1, item 1.			Exc	lude intere ss past du	st		other farm an	nd ranch	h land y	rou haḋ an		141		143 \$	Cents
			None	Do	· · · · · · · · · · · · · · · · · · ·	Cents						arket value.)	· · l			00
1	Federal Land Banks (or Federal Land Bank	Associations)	🗆	091 \$		00	2.	Of the land y how many a						None	144 Acre	
2	• The Farmers Home Administration		🗆	092 \$		00		a. Purchase	from r	non-rela	ative			. 🗆	145	
3	Commodity Credit Corporation loans:		_	093	l l	~~		b. Purchase	from f	relative	•		•••••	. 🗆	146	
	a. On crops		_	\$ 094		00			-			· · · · · · · · · · · ·		. 🗆	147	
	b. For crop storage facilities			\$ 095		00		d. Other	Specify	v					148	
4	Insurance companies (Exclude premiums		🗆	\$ 096		00		e. TOTAL (S	Should	equal a	acres in it	em 1)		. 🗆		
] ]	<ul> <li>Commercial banks and savings banks (Na banks, trust companies, etc.)</li> </ul>	tional or State	🗆	\$		00	з.	Of the farm	and ran	nch land	d you ow	ned on		None	Acr	es
6	<ul> <li>Individuals from whom you bought part or</li> <li>a. Under a mortgage or deed of trust</li> </ul>			s	1	00		December 3	1, 198	8, how	many ac	res were enrol Iram?		. 🗆 🛛	169	_
			_	098 \$		00						on December 3				
1.	b. Under a land purchase contract		_	099 \$		00		(Reported in acres in the	n item 1	above	), please	report the num	ber of	None	Acro	es
	Production credit associations     Other lenders:		·· LJ	100	i t			a. Cropland		-					171	
	a. State and county lending agencies		🗆	\$	i	00								_	172	
	b. Mortgage companies, real estate agent savings and loan associations, agriculture	ts or dealers, ural credit		101	1							•••••			173	
	corporations, credit unions, livestock lo small business administration, etc	oan companies,	🗆	\$	1	00		·		-		sture			174	
9	Merchants and dealers, including coopera	tives, mail order			1						-			_	175	
	companies, farm machinery companies, a manufacturers (exclude debts on 30-day a	ind other accounts)		102	1					-				_	176	·
	for puchase of — a. Tractors and farm machinery, including	n ranaire	П	\$		00		f. Other (far	mstead	i, wast	eland, roa	ads, ditches, e	tc.)	. 🗆 (		
	<ul> <li>b. Autos and trucks (including repairs), ga fuel, feed, seed, fertilizer, livestock, po</li> </ul>		⊔				5.	Please repor	t land A		RED and/	or SOLD or DIS	POSED OF A	luring es	ich specifier	1 time
	purchases for the operation of this acre	age from merchant	s	103	i		•.	period and to	otal acr	eage O	WNED at	the end of each	ch specified 1	time per	iod (Decemi	ber 31).
	and dealers, including building supplies, customwork, and similar purchases	, fencing, hardware	D	\$	j.	00	Land Dec	owned on ember 31	L	and ov Acre		Date		cquired	dispo	sold or sed of
10	Any other individuals, relatives, friends, la	indlords,	m	104 \$		00	of y	ear below	 	(1)			(	2)		cres) 3)
11	estates, etc. (Exclude debts on 30-day ac Unpaid bills for veterinary services, utilitie		🖵	· ·		00	-	1988	178			During 1988	_		189	
	or insurance premiums, and debts for othe to this acreage (Include all debts on accou	r purposes relating		105	1			1987	I			1983-198			190	
	to be paid in 30-days.)		🗆	\$		00		1982	180			1979-198			191	
s	ECTION 4 ASSETS OWNED BY (See enclosed inform		RD	Cur	rent marke	at		1978	181			1975-197	187		192	
	The assets to be reported are those owned	-		valu	ue of assets vned as of	s		1974	182			1970-197	4 <sup>188</sup>		193	
	1988, involved with the ownership of the a Do not include your tenant's share of any a	cres in section 1, it		Decen	nber 31, 19	988		1969	183							
	· · · · · · · · · · · · · · · · · · ·		None	Do	llars C	ents		F NO LAND	ACOUIF	RED IN	1988 -					
11	Farm share of autos and trucks (Percent of use × total market value)		. 🗆	\$		00		SKIP TO ITEN				D	Market val cember 31.	ue 1988	Amount f	inanced
2	Tractors, farm machinery, tools, and equip	oment	. 🗆	\$		00		f you acquire					Dollars	Cents	Dollars 97	Cents
3.	Crops produced and stored and	arm		123 \$	I	00		report estima buildings acq					1 1	00		00
	1988. (Exclude crops under			124	- 1		<b>b</b> ./	f you financed	. (·	1. Fede	ral land ba	ink		NONC	\$	00
		farm	. 🗆	\$ 125		00	l li	and purchase n 1988 (item	ă .			Administration			99	00
4	Beef, dairy, hogs, sheep, poultry, and other (horses, mink, bees, fish, rabbits, etc.)		. 🗆	\$	10	00	F	please enter the mount finance	he /,	3. Insur	ance comp	anies			00	00
5.	Purchased feed, seed, fertilizer, and other i	inputs on hand	. 🗆	126 \$		00	f	rom the	~ 1			nks/savings & lo			01	00
6.	Stock in Federal Land Banks, Production Cr			127 \$	i	00		sources:	- (,	5. Othe	t (Include :	seller financing)			02 ;	00
_	and other farm cooperatives		. 🗆	, Y	i`			_				-				-
<b>1</b>	<ul> <li>All other assets of this farm operation (cash certificates of deposit, saving and checking monoy and to this apprentian including and</li> </ul>	accounts, and		128	1		7.	Report the fo leased to oth	ollowing ners.	g inforr F	mation for	r land you own			1988, and Value of	
	money owed to this operation, including cro livestock sold for future payment)	ops and	. 🗆	\$		00		Type of			Number of leases	Total acres leased to	Market of acres		received	
s	ECTION 5 PARTICIPATION IN	MANAGEMEN	T DEC	ISION	S TO BE			lease	N	1	151	others	Dollars	Cent	s Dollars	Cents
	REPORTED FOR TH	r						a. Cash		σl	152	156	\$	00		00
		Management d Mark (X) on						b. Share	I	n L	152	150	\$	00		00
			Tenant		Landlord a			c. Cash/shar	re. I		153	157	\$	00	\$	00
		135			tenant join	πу		d. Other	1				\$	00	\$	00
1.	Selection of fertilizer and chemicals	136	_2		3	_	0	En CACULE	ACCO		in iten: 7	how No	ne Number c	ash leas	es Ac	res
	Cultivation practices	130 1	2		3			For CASH LEA many allow for	or adjust	tment c	of rental pa	avment in	167		168	
1.	Selection of crop varieties or livestock breeds	1	2		3							onditions? .			<u>(</u>	
4.	Harvesting decisions	138	2		3		9. h	n 1988, did y ecordkeening	you pure g, farm	chase a practic	any profe ces advice	ssional farm m a, financial plar	anagement s nning, rent co	services	such as , etc.?	
5.	Marketing agricultural products	139	2		3			1 🗆 Y	-			•	-		-	
	# 88-A9B (9-12-88)	<u> </u>														

Page 2

SECTION 7 REAL ESTATE TAXES (See enclosed information sheet)					SECTION 10A CHARACTERISTICS AND OCCUPATION OF		
		Acres		LANDLORD - Continued			
1. Report the number of acres of farm and ranch land shown on your 1988 real estate tax bill(s)		Doilars Cents		3. SPANISH ORIGIN — Is the landlord (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, 234			
No.							
buildings, and other improvements shown on your tax bill(s)					nish)?	1 🗋 YES 2 🗌 NO	
for 1988?		\$	00	235			
3. What was the total amount of farm and ranch real estate taxes (land, buildings, and other improvements) payable by			1				
you as shown on your tax bill(s) for 1988?			4. AGE OF LAN	IDLORD	Years old		
SECTION 8 NET CASH INCOME FOR 1988						1 Deperating a farm or ranch	
what was your net cash income from land you operated, plus			ve			2 Employed by a private business	
rented to others in 1988? (Section 6, item 1) Mark the range $3 \square 3$			\$9,999	for wages, salary, or commission 3			
			00 - \$24,999	or local government			
6 🗆		\$25,000 - \$49,999 \$50,000 - \$74,999		5. OCCUPATION OF LANDLORD – At which occupation did the landlord spend the farm related business			
		\$75,0		majority of his/her worktime in 1988? 5 Self-employed – operating nonfarm related business or			
SECTION 9 TYPE OF OWNERSHIP	OWNERSHIP	OWN	ERSHIP TYPE ON	1		professional practice	
Please indicate the type of ownership on the acres	TYPE ON ACRES	ACR	ES LEASED TO	6 🗌 Retired — previously farming or farm related business			
you owned or had an ownership interest as of (Section December 31, 1988, reported in section 6, item 1.		6,   (Section 1, item '		7 Retired - previously nonfarm related occupation			
Type of owner (Check those applicable)	Acres		propriate box	_		8 Other - Specify Z	
	. 221	`	١				
	1		1	6. What propor	tion of total business income 2 nfarm) you and your family	37 4 4 🗍 I and then 19/	
	222			received was	s from the sale of agricultural	1 Less than 1% 2 1% to 25%	
2 HUSBAND/WIFE: Land held jointly	223				ands you owned in 1988?	3 🗆 26% to 50%	
Land held by husband	224					4 51% to 75%	
Land held by wife	· <del> </del>			CECTION 40		↓ 5 □ 76% or more	
3 FAMILY PARTNERSHIP - At least half the	1		Complete section 10A		CORPORATION LANDLO	IRDS livities or interests other than that of a	
partners are related, include husband/wife as two partners when owned with at least	1			landlord? (Exam	ple, own or manage a nonfarm bus	iness or operate another farm or ranch?)	
one other owner	225			<sup>238</sup> 1 🗌 NO –	Skip to section 11		
Number of partners				2 🗆 YES –	<ul> <li>If "YES" — Did the corporation e</li> </ul>	ngage in any of the following activities?	
	l s					39	
↓ OTHER (non-family) PARTNERSHIP – Less than half the partners are related	226				farm or ranch	1 YES 2 NO	
Number of 273 274	i			(feed, fer	ilizer, farm machinery, etc.)		
partners Female Male		5	, N	c. Processin	g of crops, poultry, livestock plant, meat packing, 2		
5 FAMILY CORPORATION - At least half of	227				g, canning, milling)	41 T YES 2 🗆 NO	
stockholders are related If 10 or fewer stockholders, <sup>275</sup>	1			d. Wholesali	ng, retailing of farm products ators, livestock auctions,		
enter number of stockholders276	1			produce n	narkets, other food stores 2	<sup>42</sup>	
If more than 10 stockholders, check here 🛛 🗌	ļ		Complete section 10B	i including	supermarkets, etc.)2	1 YES 2 NO	
6 NON-FAMILY CORPORATION - Fewer	1			e. Other acti	vities related to farm products	1 🗋 YES – Specify 🦕 2 🗋 NO	
than half of stockholders are related	228						
enter number of stockholders	1				ILTURAL ACTIVITIES 2 ure of nonagricultural products .	44 1 YES 2 NO	
If more than 10 stockholders, check here	l		1	b. Wholesali	ng, retailing of nonagricultural 2	45	
7 OTHER such as cooperative, prison farm, grazing association, Indian reservation (Include unsettled	229		Skip			1 🗌 YES 2 🗌 NO	
estates)	1		to	c. Real estat	.e	1 YES 2 NO	
Specify	230		section 11	d. Banking a	nd finance	1 🗌 YES 2 🗔 NO	
8 TOTAL should equal acres in section 6, item 1.		)		e. Life insura	2 Ince	48 1 🗌 YES 2 🗌 NO	
SECTION 10A CHARACTERISTICS AND OCCUPATION OF LANDLORD FOR INDIVIDUAL AND PARTNERSHIP LANDLORDS (The following					2 iness activities	<sup>49</sup> 1 □ YES - <i>Specify</i> <sub>7</sub> 2 □ NO	
characteristics reported on a partnership should be for the senior partner.)							
1. RESIDENCE 231	_			3. Mark (X) one	2 box to indicate the appropriate	50 1 Less than \$100,000	
				size of total business receipts (farm and nonfarm) of the corporation in 1988			
If not on the land reported in section 1, item 1			3 3 \$500,000 to \$999,999				
3 □ In a rural area, not on a farm 4 □ In a city, town, or urban area				4. Of the total -	4  \$1,000,000 or more 4. Of the total receipts from all sources,		
232		what proportion from the corporation was 251					
	☐ Less than 5 miles ☐ 5 – 24.9 miles ☐ 25 – 49.9 miles ☐ 50 – 140.0 miles			and/or rental	from the sale of agricultural products and/or rental income from all agricultural londor avend a concertain agricultural 2 25% to 49%		
1 1 -				ands owned and/or operated? 3 3 50% to 74%			
	☐ 50 – 149.9 miles ☐ 150 or more miles					4 🗆 75% or more	
233	_	,		SECTION 11		HIS REPORT - PLEASE PRINT	
	] White ] Black				Please check your answers Name	267 Date	
	American Indian			Mark(X) one	'''''''''''''''''''''''''''''''''''''	267 Date	
4	Asian or Pacific Is			1 U Owner of land	l	Area code Number	
\5[	Other - Specify			2 🗌 Agent	Telephone	()	

FORM 88 A98 (9 12 28)

## SECTION 12 REMARKS

FORM 88-A98(I) (10-11-88)

## **INFORMATION SHEET** 1988 AGRICULTURAL ECONOMICS AND LAND OWNERSHIP SURVEY

## **General Information**

You have been identified as a landlord of the farm operator whose name appears on the address label. The questions in sections 1 through 5 refer to the land you leased to this tenant.

The enclosed report form was designed to collect data from landlords of farm and ranch land but may contain sections and inquiries which do not apply to you. Where this is the case, you may simply mark the "None" or "No" box and go on to the next item or section.

Please begin with section 1 and read the items and instructions to see what information you should provide. Give the best answers you can. Please estimate for information on which you do not keep records.

To make recordkeeping more economical, every report form in the Agricultural Economics and Land Ownership Survey has a separate Census File Number (CFN). **We need a reply from everyone** receiving the report form, whether agricultural operations were conducted in 1988 or not. Please complete and return your report as soon as you can, preferably within the next 2 weeks. Use the enclosed self-addressed envelope.

Please put your answers in the answer spaces (unshaded areas). You may write explanations and comments in the shaded areas to the left of the answer spaces or in the "Remarks" section on page 4.

Please mark answers of "Yes," "No," or "None" by placing an (X) in the small answer box. If the answer is "No" or "None" and a small answer box is not provided, leave the answer space blank.

If you do not recall exact figures, please give your best estimates. You may indicate "Est." (for estimated) beside the answer, if you like. All dollar items may be entered in whole dollars. Cents are not required.

If you are the **caretaker**, **executor**, **administrator**, or act as **agent** for the actual landlord, please answer all the questions you can for the landlord, estimating if necessary. When reporting section 1, item 1, "acres owned by you," include in the total the parcel of land used by the farm operator listed on the top line of the address label. **Section 3 – Debt** — If you have knowledge of the amount and source of debt owed on the property in section 1, item 1, please complete section 3. Answer all other questions in reference to the actual owner live over 150 miles from the land reported in section 1, item 1; if a corporation owned the land, how is it related to agriculture; etc. For items which you cannot respond — please write "unknown" or "unk." Write in the remarks section, completed by "caretaker," "executor," "administrator," etc.

## **Instructions For Specified Sections**

#### Section 1 — ACREAGE IN 1988 AND CURRENT MARKET VALUE OF LAND AND BUILDINGS

**Item 1** — Report all of the land you own that was used (rented, leased, used rent-free, etc.) by the farm operator listed on the label. Include cropland, pastureland, woodland, and wasteland.

**Item 2** — Please give your best estimate of the market value of the land, including all permanent buildings and permanently attached equipment. Include the value of dwelling(s) **on the place** and all farm buildings such as barns, poultry houses, fruit packing sheds, vegetable sheds, etc.

Item 3 – All Other Buildings and Structures – Using the market value reported in item 2 as the total value, please estimate the value of the land and buildings separately. Include barns, cribs, silos, equipment shops, grain bins, storage sheds, etc.

#### Section 2 – PURCHASES AND EXPENDITURES DURING 1988 FOR THE AGRICULTURE OPERATION

Report all purchases or expenditures made by you for the agricultural operation on the acres reported in section 1, item 1, during 1988. On individual items, include sales taxes, but exclude finance charges. Finance charges should be reported in section 2b, item 7. Report the costs of items minus trade-in values allowed. Mark (X) in the "None" box if you have no purchases or expenditures to report.

DO NOT INCLUDE THE FOLLOWING EXPENDITURES IN THIS SECTION:

- a. Expenditures made by the tenant or the tenant's share of any costs.
- b. Expenditures on nonfarm property.
- Expenditures related to nonfarm activities (trading and speculation or livestock dealer activities).
- Section 2A Report all capital purchases or expenditures made for the agricultural operation during 1988. Include sales taxes, but exclude finance charges. Finance charges will be recorded in section 2B, item 7. Report the costs of items minus trade-in values allowed. If you had no expenditures for the items, mark (X) in the "None" box.
- Section 2B Report all agricultural operating expenses you, the partnership, or organization incurred for the acres reported in section 1, item 1. Do not include estimates of expenditures for items provided or paid for by tenants.

Item 5 — Hired and Contract Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Include as contract labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 10.

**Item 7** — Include all interest paid on land and buildings in section 1, item 1. Include interest paid on CCC loans in item 7b.

#### ► Section 3 - DEBTS AS OF DECEMBER 31, 1988

The debts to be reported are those owed as of December 31, 1988, arising from the ownership of the acros in section 1, item 1, which were leased to the farm operator whose name appears on the label.

For debts covering land areas which include, but are not limited to the acres in section 1, item 1, report only your estimate of that part of the debt that applies to these, section 1, item 1, acres. The share to be reported should be estimated in proportion to the market value of the properties. If you cannot allocate debt between owned land reported in section 1, item 1, and total owned land, report the total debt for the total owned land and the total owned acreage involved, and explain in "Remarks" on page 4. Other debts should also be prorated if they relate only in part to the agricultural operations reported for the acreage in section 1, item 1.

DO NOT INCLUDE THE FOLLOWING KINDS OF DEBTS:

- Debts on nonagricultural property such as cotton gins, canning factories, sugar mills, motels, stores, etc.
- b. Your tenant's share of any debts
- c. Charge accounts that are paid in full monthly (debts owed for less than 30 days should not be reported).

INCLUDE:

a. Debts not expected to be paid in 30 days should be reported.

For each source to which no debt was owed on December 31, 1988, mark (X) in the "None" box.

#### Section 4 – ASSETS OWNED BY THE LANDLORD

The assets to be reported are those owned as of December 31, 1988 that are part of, or related to, the acres reported in section 1, item1.

Estimates are acceptable. For each item owned, enter the estimated market value. If owned assets are used on more owned acreage than that reported in section 1, item 1, and leased to the tenant on the label, prorate the value of the asset to this property based on the percent it is used or located on this property. Mark (X) in the "None" box for items that do not apply.

DO NOT INCLUDE:

- a. Your tenant's share of any assets.
- **b.** Poultry, livestock, and other assets owned by contractors, investors, etc.
- c. Machinery, equipment, and other assets rented from others.

#### Section 6 – AGRICULTURAL LAND OWNERSHIP

Section 6 refers to **all** of the farm and ranch land owned by you on December 31, 1988 including the acres leased to the tenant's name(s) on the label. If you have other tenants or operate owned land yourself, these should be combined into a total of all land owned by you, and recorded in section 6, item 1.

The market value for land, dwellings, and other buildings is the value of all these items on all acres owned December 31, 1988.

#### Item 4 - Land Use Definitions

- **a.** Cropland is land that is cultivatable and normally used for crops.
- Orchard/vineyard are permanent crops such as tree crops and vineyards.
- c. Cropland used for permanent pasture is cultivatable cropland that is being used for permanent pasture but could be cropped.
- d. All other pasture or rangeland is all land owned where livestock are permitted to graze (exclude any non-owned public grazing land).
- e. Forest/woodland not pastured is forest and woodland on which livestock is fenced out.
- f. Other (farmstead, wasteland, roads, ditches, etc.) is wasteland, roads, driveways, ditches, building sites, houses, barns, wind breaks, ponds, lakes, personal gardens, etc.

Item 5 — Land Acquired, Sold or Disposed of, and Owned on Specific Years — Report acres owned as of December 31 for the specified year in column 1. Report acres acquired and/or sold for the period shown in columns 2 and 3.

**Item 7 – Leases** – Item 7 requests the number of leases, acres leased, market value of acres leased, and value of rent received, by type of lease on the land **you owned** on December 31, 1988. Do not include land you rent from others, and in turn, subleased to someone else. The market value of acres leased should be your estimate of the value for all land and buildings leased, if sold on the current market. The value of rent received should be the cash value of rent paid to you, or if the rent payment was received as a share of the crop or livestock, estimate the cash value of such items if they were sold on the current market. Any combination of cash and share payment should be summed together for total value of rent received during 1988.

Item 8 — Cash Leases Adjusted — Unusual conditions could be considered drought, hail, tornado, hurricane, adverse weather damage, etc. Exceptional conditions could be growing conditions where yields are above normal. Item 9 — Services from a professional farm management firm might include accounting and financial planning, (once a year tax preparation does not constitute financial planning), record keeping, production and input information, crop and livestock marketing, rent collecting, tenant finding, etc. These services would be performed by a person or firm other than the farm or ranch operator, landlord, or tenant.

#### Section 7 – REAL ESTATE TAXES

The taxes which are to be reported in this section are those levied on farm and ranch land, buildings, and other improvements, as reported on your tax bill(s) for the year 1988, for all the farm and ranch land and buildings you own as reported in section 6, item 1. If you have more than one tax bill (example, county, State, school district, etc.) for the same acres:

- a. Include the acreage only once in item 1.
- **b.** For one parcel, report in item 2 the largest assessed value for one of the individual tax bills.
- c. For multiple parcels, report the sum of the taxes paid by you from all bills in item 3.

Do not include taxes on nonfarm property, such as land and buildings used for cotton gins, sugar mills, canning factories, motels, stores, etc. For taxes that are levied on both agricultural and nonagricultural property, estimate and report only that portion of the taxes applying to your farm or ranch. Exclude personal property taxes (personal property taxes are reported in section 2b, item 8).

#### Section 8 – NET CASH INCOME FOR 1988

Mark (X) in the box that best reports your net cash income from farming and ranching in 1988. As a landlord, this would be your net cash income for the land you operate as a farm operator, partner, or corporation, plus net income from rents (cash/share, etc.), from farm or ranch land leased to others during 1988. Net cash farm income is the gross sales of agricultural products off the farm, plus gross income from farm-related sources (customwork, etc.), minus the cash farm operating expenses and cash operating expenses from farm-related income sources.

#### Section 9 – TYPE OF OWNERSHIP

Use the following definitions to assist you in determining the type of organization for your land ownership. You should report in column 1, the type of organization for the land ownership on the total acres of farm and ranch land you owned and, in column 2, the type of organization for the land leased to the farm operator named on the label. They may or may not be the same.

Individual or Family (Sole Proprietorship) — Defined as a farm or business organization controlled and operated by an individual. This includes family operations that are not incorporated and not operated under a partnership agreement.

**Partnership** — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not necessarily mean that a partnership exists unless there is some agreement as to sharing contributions, decision-making, profits, and liabilities.

**Corporation, Including Family Corporations** — Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. These types of operations are often managed.

**Other** — Such as a cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, etc.

#### Section 10 - CHARACTERISTICS AND OCCUPATION OF LANDLORD

Individual and partnership landlords should complete part A of this section and leave part B blank. Corporation landlords should complete part B and leave part A blank. Other types of landlords, such as cooperative, estate or trust, prison farm, grazing association, or Indian reservation, should skip section 10.

Based on tests with farmers and ranchers, it takes about 40 to 60 minutes to complete this form with most landlords completing the form in 50 minutes. If you have any questions regarding these estimates or any other aspect of this survey, please call or write the Associate Director for Management Services, Room 2027, Bureau of the Census, Washington DC 2023; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington DC 20503.

FORM 88-A9B(I) (10-11-88)