

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—
 - (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 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 piece-price 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—

- (1) 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 II 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 wilfully 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 wilfully 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.¹ 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; quantity 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).

¹The 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 questionnaire with the respondent, who was asked to complete the form and mail it to the census office.²

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 mid-decade 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

²The 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 questionnaires 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 censuses 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 sample³ 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

³An 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) canvassed 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 questionnaire 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 forms⁴ 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 forms⁵ 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 questions, 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

⁴The 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.

⁵The 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 dollar-value 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—

<i>1850-1860</i>	No acreage requirement, but a minimum of \$100 in sales of agriculture products.
<i>1870-1890</i>	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.
<i>1900</i>	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.
<i>1910-1920</i>	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.

<i>1850-1860</i>	No acreage requirement, but a minimum of \$100 in sales of agriculture products.
<i>1925-1945</i>	The requirement of the full-time services of at least one person was deleted; otherwise the definition was unchanged.
<i>1950-1954</i>	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.)
<i>1959-1974</i>	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.
<i>1978-1987</i>	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 land-holding 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. Iannelli, 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.

M. Catherine Miller, Chief, from March 1990
Sherry L. Courtland, Chief, to March 1990

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

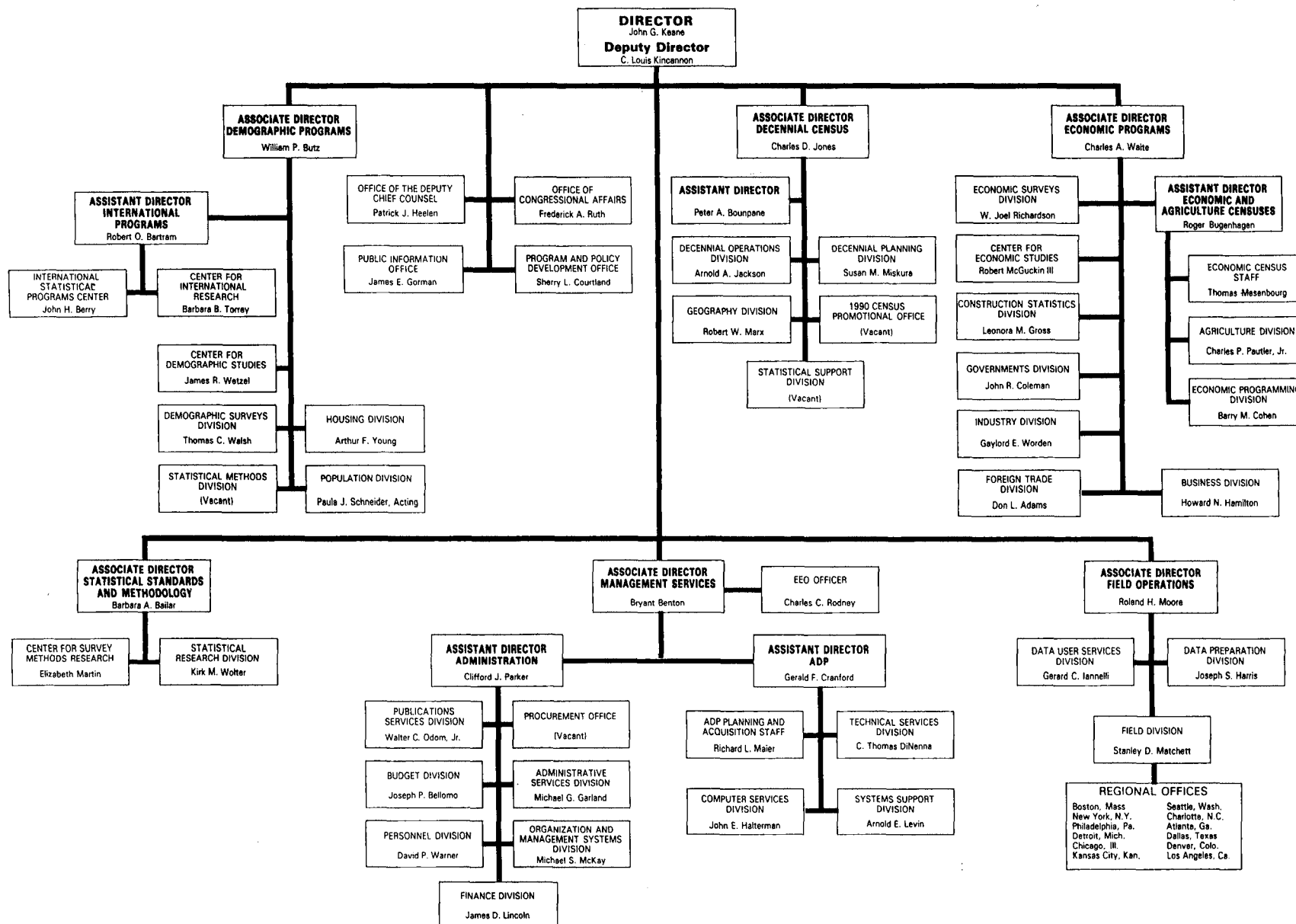
This Associate Director supervised administrative services, with due consideration of those specifically provided by the Department of Commerce, to all components of the Census Bureau; planned and directed programs for electronic data-processing operations and techniques; directed activities of the Equal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

O. Bryant Benton

U.S. DEPARTMENT OF COMMERCE

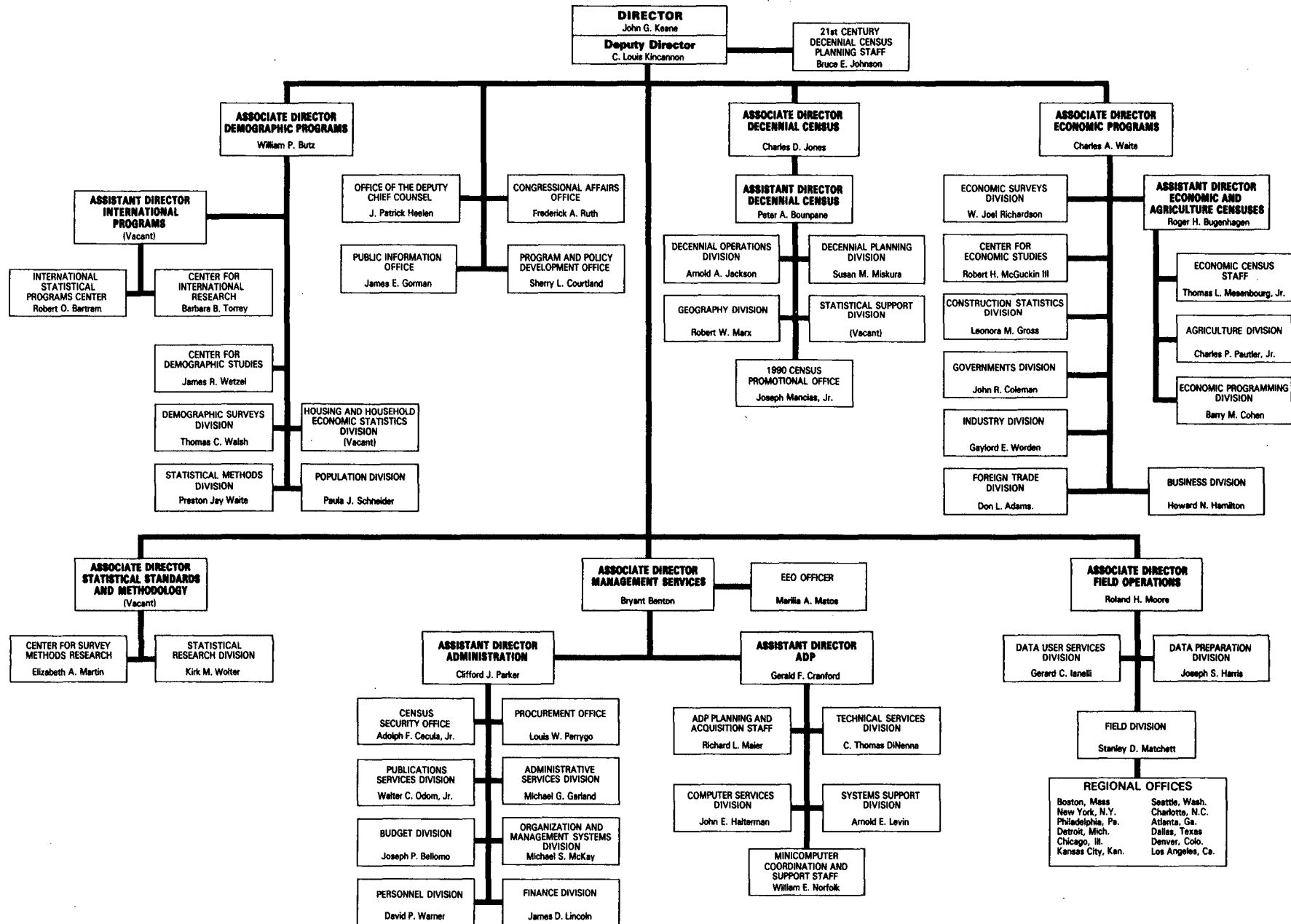
Bureau of the Census

Feb. 1, 1987



U.S. DEPARTMENT OF COMMERCE
Bureau of the Census

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 data-collection 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. Lockett, 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

✓ John H. Barrett, Survey Statistician, to Sept. 1990

✓ 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

✓ 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 computer-identified 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. Iannelli, 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

Staff

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. Giglito, 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 systems-development activities needed.

Chief

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 Floor, 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

DALLAS, TX

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 (posi-
tion 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

Staff

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™, 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 Area	Report No. (AC87-A)	Pages	Price	Approved for print	Published
Iowa	-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

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	<i>Coverage Evaluation,</i> AC87-S-2	3.25	08/10/90	08/29/90
3	<i>Ranking of States and Counties,</i> AC87-S-3	7.00	09/27/90	10/17/90

Volume 2, Subject Series, AC87-S—Con.

Part	Title	Price	Approved for print	Published
4	<i>History, AC87-S-4</i>	11.00	09/23/92	10/15/92
5	<i>Government Payments and Market Value of Agricultural Products Sold, AC87-S-5</i>	28.00	10/12/90	11/08/90
6	<i>ZIP Code Tabulations of Selected Items, AC87-S-6</i>	31.00	07/13/90	08/23/90

Volume 3, Related Surveys, Series AC87-RS

1	<i>Farm and Ranch Irrigation Survey (1988), AC87-RS-1</i>	5.00	05/23/90	06/18/90
2	<i>Agricultural Economics and Land Ownership Survey (1988), AC87-RS-2</i>	11.00	08/07/90	08/31/90

**Volume 4, Census of Horticultural Specialties (1988),
Series AC87-HOR-1**

Title	Price	Approved for print	Published
<i>Census of Horticultural Specialties (1988)</i>	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 THE 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	09/88	01/90

	Began	Completed
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, <i>Subject Series</i>	07/90	03/92
Volume 3, <i>Related Surveys</i>	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 RICO		
Design report forms	11/85	08/87
Print report forms	10/87	01/88
Prepare special farms list	06/87	12/87
Memorandum of agreement with the Commonwealth Government	09/86	09/86
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

Began**Completed****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
Tabulation	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 region:

Form 87-A0203

Corn (field) for grain or seed
Corn (field) for silage or green chop
Wheat for grain (including durum)
Oats for grain
Barley for grain
Rye for grain
Soybeans for beans
Beans, dry edible

Form 87-A0205

Corn (field) for grain or seed
Corn (field) for silage or green chop
Soybeans for beans
Sugarcane for sugar
Sugarcane for seed
Peanuts for dry nuts
Wheat for grain
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, CRANBERRIES, 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

Blackberries and dewberries
Blueberries, tame
Blueberries, wild
Cranberries
Raspberries
Other berries

Form 87-A0210

Blackberries and dewberries
Blueberries, tame
Boysenberries
Cranberries
Currants
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" x 20 1/2", folded to 14" x 10 1/4". The sample version, used for "must" and "certainty" cases as well, was 14" x 26" overall, with six pages, folded to 14" x 10 1/4". (The additional pages on the sample form were two numbered half-pages, 14" x 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 IN 1987	Item on "acres in this place" altered to emphasize "THIS PLACE." Item on land diverted to Federal commodity production 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 separate 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?

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

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

Items on worms and chinchillas were deleted.

Section 18. GOVERNMENT CCC LOANS

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

Section 19. (NEW) Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.)

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. PRODUCTION 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. MACHINERY AND EQUIPMENT on this place on December 31, 1987—Include only equipment 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 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 self-propelled 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 ornamental 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 *matai* 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 ornamental 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.

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1985 Content Pretest Report Form 85-A1

DUE BY: JANUARY 31, 1986

OMB NO. 0607-0501 Approval Expires December 31, 1986

FORM **85-A1**
(10-31-85)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



UNITED STATES CENSUS OF AGRICULTURE

Please complete this
form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
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.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

85-A1

(Please correct errors in name, address, and ZIP code.)

SECTION 1 ACREAGE IN 1985 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

If the acres you operated in 1985 changed during the year, refer to the INFORMATION SHEET, Section 1.

	None	Number of acres
1. All land owned	<input type="checkbox"/>	043
2. All 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	<input type="checkbox"/>	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	<input type="checkbox"/>	045
4. ACRES IN THIS PLACE — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		046

For this census report these are the "ACRES IN THIS PLACE."

If the entry is zero please refer to the INFORMATION SHEET, Section 1.

5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP code)	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address (Include ZIP code)	Number of acres

List additional renters on a separate sheet of paper.

7. Do you have any grazing permits on a per-head basis?

1 ☐ Yes — Mark (X) all boxes which apply

2 ☐ No — Go to item 8

3 ☐ Forest Service

4 ☐ Taylor Grazing Sec. 3 (BLM)

5 ☐ Indian Land

6 ☐ Other — Specify

8. How many acres were diverted (or set-aside) under Federal commodity acreage reduction programs in 1985? ☐ 055 Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

a. In what county was the largest value of your agricultural products raised or produced?

County name	State	Number of acres
Principal county		056
		057
		058
		059

b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.

INSTRUCTIONS — Please report your crops in the appropriate section. Use section 7 to report ONLY those crops NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1985?

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed (Report quantity on a dry shelled-weight basis)	<input type="checkbox"/>	067	068 OR Bu. Lbs.	069
2. Corn (field) for silage or green chop	<input type="checkbox"/>	070	071 Tons, green	072
3. Winter wheat for grain	<input type="checkbox"/>	047	048 Bu.	049
4. Durum wheat for grain	<input type="checkbox"/>	050	051 Bu.	052
5. Spring wheat, other than durum, for grain	<input type="checkbox"/>	527	528 Bu.	529
6. Oats for grain	<input type="checkbox"/>	076	077 Bu.	078
7. Sorghum for grain or seed, including milo	<input type="checkbox"/>	082	083 OR Bu. Lbs.	084
8. Soybeans for beans	<input type="checkbox"/>	088	089 Bu.	090
9. Cotton	<input type="checkbox"/>	091	092 Bales	093
10. Tobacco — all types	<input type="checkbox"/>	094	095 Lbs.	096
11. Potatoes, Irish	<input type="checkbox"/>	097	098 Cwt.	099
12. Sweetpotatoes and yams	<input type="checkbox"/>	100	101 Bu.	102

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1985? Include sorghum-sudan crosses and hay cut from pastures.

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
1. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay — clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.	109	110 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (hay crops cut and fed green) (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)	115	116 Tons, green	117
3. HAY SOLD — Did you sell any hay or grass silage in 1985? (Report value of hay sold in section 9, item 4)	118	119	120

1 ☐ Yes 2 ☐ No

PENALTY FOR FAILURE TO REPORT

<p>SECTION 4 Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1985? (Exclude those grown for home use.)</p> <p>S4</p> <p>1 <input type="checkbox"/> YES — Complete this section</p> <p>2 <input type="checkbox"/> NO — Go to section 5</p> <p><i>NOTE: For Florida report for September 1, 1984 through August 31, 1985 harvest season; for all other States report for calendar year 1985.</i></p> <p>1. Land from which vegetables were harvested in 1985</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Acres</th> <th colspan="2">Acres irrigated</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> <th>Whole acres</th> <th>Tenths</th> </tr> <tr> <td>375</td> <td>/10</td> <td>376</td> <td>/10</td> </tr> </table> <p>2. From the list below, enter the crop name and code for each crop harvested in 1985. If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Acres harvested</th> <th>Acres irrigated</th> </tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> <tr><td></td><td></td><td>/10</td><td>/10</td></tr> </table> <p><i>If more space is needed, use separate sheet of paper.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Crop name</th> <th>Code</th> <th>Crop name</th> <th>Code</th> </tr> <tr> <td>Asparagus</td> <td>379</td> <td>Eggplant</td> <td>415</td> <td>Pumpkins</td> <td>449</td> </tr> <tr> <td>Beans, snap (bush and pole)</td> <td>381</td> <td>Garlic</td> <td>421</td> <td>Radishes</td> <td>451</td> </tr> <tr> <td>Beets</td> <td>383</td> <td>Honeydew melons</td> <td>423</td> <td>Southern peas, green (cowpeas) — blackeyed, crowder, etc.</td> <td>408</td> </tr> <tr> <td>Broccoli</td> <td>385</td> <td>Lettuce and romaine</td> <td>427</td> <td>Spinach</td> <td>457</td> </tr> <tr> <td>Cabbage, head</td> <td>391</td> <td>Lima beans, green</td> <td>429</td> <td>Squash</td> <td>459</td> </tr> <tr> <td>Cantaloups and muskmelons</td> <td>395</td> <td>Mustard greens</td> <td>431</td> <td>Sweet corn</td> <td>481</td> </tr> <tr> <td>Carrots</td> <td>397</td> <td>Onions, dry</td> <td>433</td> <td>Tomatoes</td> <td>463</td> </tr> <tr> <td>Cauliflower</td> <td>399</td> <td>Onions, green</td> <td>435</td> <td>Turnips</td> <td>465</td> </tr> <tr> <td>Celery</td> <td>401</td> <td>Okra</td> <td>437</td> <td>Turnip greens</td> <td>467</td> </tr> <tr> <td>Collards</td> <td>407</td> <td>Peas, English, green (Exclude green southern peas)</td> <td>441</td> <td>Watermelons</td> <td>473</td> </tr> <tr> <td>Cucumbers and pickles</td> <td>411</td> <td>Peppers, sweet</td> <td>443</td> <td>Other vegetables — Specify</td> <td>475</td> </tr> <tr> <td></td> <td></td> <td>Peppers, hot</td> <td>445</td> <td></td> <td></td> </tr> </table>	Acres		Acres irrigated		Whole acres	Tenths	Whole acres	Tenths	375	/10	376	/10	Crop name	Code	Acres harvested	Acres irrigated			/10	/10			/10	/10			/10	/10			/10	/10			/10	/10			/10	/10			/10	/10			/10	/10	Crop name	Code	Crop name	Code	Crop name	Code	Asparagus	379	Eggplant	415	Pumpkins	449	Beans, snap (bush and pole)	381	Garlic	421	Radishes	451	Beets	383	Honeydew melons	423	Southern peas, green (cowpeas) — blackeyed, crowder, etc.	408	Broccoli	385	Lettuce and romaine	427	Spinach	457	Cabbage, head	391	Lima beans, green	429	Squash	459	Cantaloups and muskmelons	395	Mustard greens	431	Sweet corn	481	Carrots	397	Onions, dry	433	Tomatoes	463	Cauliflower	399	Onions, green	435	Turnips	465	Celery	401	Okra	437	Turnip greens	467	Collards	407	Peas, English, green (Exclude green southern peas)	441	Watermelons	473	Cucumbers and pickles	411	Peppers, sweet	443	Other vegetables — Specify	475			Peppers, hot	445			<p>SECTION 6 Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1985? (Exclude those grown for home use.)</p> <p>S6</p> <p>1 <input type="checkbox"/> YES — Complete this section</p> <p>2 <input type="checkbox"/> NO — Go to section 7</p> <p>From the list below, enter crop name and code. Report quantity harvested in unit specified with crop name.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">Crop name</th> <th rowspan="2">Code</th> <th colspan="2">Acres harvested</th> <th rowspan="2">Quantity harvested</th> <th colspan="2">Acres irrigated</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> <th>Whole acres</th> <th>Tenths</th> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> <td>1</td> <td>2</td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> <td>1</td> <td>2</td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> <td>1</td> <td>2</td> <td>/10</td> </tr> </table> <p><i>If more space is needed, use separate sheet of paper.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Crop name</th> <th>Code</th> </tr> <tr> <td>Blackberries and dewberries (pounds)</td> <td>509</td> <td>Raspberries (pounds)</td> <td>533</td> </tr> <tr> <td>Blueberries, tame (pounds)</td> <td>512</td> <td>Strawberries (pounds)</td> <td>536</td> </tr> <tr> <td>Blueberries, wild (pounds)</td> <td>515</td> <td>All other berries (pounds) — Specify</td> <td>539</td> </tr> <tr> <td>Cranberries (100-lb. barrels)</td> <td>521</td> <td></td> <td></td> </tr> </table> <p>SECTION 7 Were any OTHER CROPS harvested from this place in 1985 — small grains, field seeds, or other crops not previously reported? (Report fruit in section 8.)</p> <p>S7</p> <p>1 <input type="checkbox"/> YES — Complete this section</p> <p>2 <input type="checkbox"/> NO — Go to section 8</p> <p>From the list below, enter crop name and code. Report quantity harvested in unit specified with crop name.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Acres harvested</th> <th>Quantity harvested</th> <th>Acres irrigated</th> </tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td></td><td></td><td></td><td>1</td><td>2</td></tr> </table> <p><i>If more space is needed, use separate sheet of paper.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Crop name</th> <th>Code</th> </tr> <tr> <td>Alfalfa seed (pounds)</td> <td>542</td> <td>Popcorn (pounds, shelled)</td> <td>662</td> </tr> <tr> <td>Barley for grain (bushels)</td> <td>579</td> <td>Proso millet (bushels)</td> <td>665</td> </tr> <tr> <td>Beans, dry edible (excluding dry lima) (hundredweight)</td> <td>554</td> <td>Red clover seed (pounds)</td> <td>671</td> </tr> <tr> <td>Beans, dry lima (hundredweight)</td> <td>557</td> <td>Rice (hundredweight)</td> <td>677</td> </tr> <tr> <td>Buckwheat (bushels)</td> <td>575</td> <td>Rye for grain (bushels)</td> <td>686</td> </tr> <tr> <td>Corn cut for dry fodder, hogged or grazed (report acres only)</td> <td>581</td> <td>Ryegrass seed (pounds)</td> <td>689</td> </tr> <tr> <td>Dry southern peas (cowpeas) (bushels)</td> <td>584</td> <td>Safflower (pounds)</td> <td>692</td> </tr> <tr> <td>Emmer and spelt (bushels)</td> <td>599</td> <td>Sorghum cut for dry forage or hay (tons, dry)</td> <td>698</td> </tr> <tr> <td>Fescue seed (pounds)</td> <td>602</td> <td>Sorghum hogged or grazed (report acres only)</td> <td>701</td> </tr> <tr> <td>Flaxseed (bushels)</td> <td>605</td> <td>Sorghum for silage or green chop (tons, green)</td> <td>705</td> </tr> <tr> <td>Grains, mixed (bushels)</td> <td>614</td> <td>Sugar beets for sugar (tons)</td> <td>719</td> </tr> <tr> <td>Kentucky bluegrass seed (pounds)</td> <td>629</td> <td>Sugarcane for sugar (tons)</td> <td>722</td> </tr> <tr> <td>Lepesedea seed (pounds)</td> <td>638</td> <td>Sugarcane for seed (tons)</td> <td>725</td> </tr> <tr> <td>Mint for oil (pounds of oil)</td> <td>644</td> <td>Sunflower seed (pounds)</td> <td>734</td> </tr> <tr> <td>Peanuts for nuts (pounds)</td> <td>656</td> <td>Timothy seed (pounds)</td> <td>746</td> </tr> <tr> <td>Peas, dry edible (pounds)</td> <td>659</td> <td>Other crops (pounds) — Specify</td> <td>752</td> </tr> </table>	Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated		Whole acres	Tenths	Whole acres	Tenths				/10	1	2	/10				/10	1	2	/10				/10	1	2	/10	Crop name	Code	Crop name	Code	Blackberries and dewberries (pounds)	509	Raspberries (pounds)	533	Blueberries, tame (pounds)	512	Strawberries (pounds)	536	Blueberries, wild (pounds)	515	All other berries (pounds) — Specify	539	Cranberries (100-lb. barrels)	521			Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated				1	2				1	2				1	2				1	2				1	2				1	2	Crop name	Code	Crop name	Code	Alfalfa seed (pounds)	542	Popcorn (pounds, shelled)	662	Barley for grain (bushels)	579	Proso millet (bushels)	665	Beans, dry edible (excluding dry lima) (hundredweight)	554	Red clover seed (pounds)	671	Beans, dry lima (hundredweight)	557	Rice (hundredweight)	677	Buckwheat (bushels)	575	Rye for grain (bushels)	686	Corn cut for dry fodder, hogged or grazed (report acres only)	581	Ryegrass seed (pounds)	689	Dry southern peas (cowpeas) (bushels)	584	Safflower (pounds)	692	Emmer and spelt (bushels)	599	Sorghum cut for dry forage or hay (tons, dry)	698	Fescue seed (pounds)	602	Sorghum hogged or grazed (report acres only)	701	Flaxseed (bushels)	605	Sorghum for silage or green chop (tons, green)	705	Grains, mixed (bushels)	614	Sugar beets for sugar (tons)	719	Kentucky bluegrass seed (pounds)	629	Sugarcane for sugar (tons)	722	Lepesedea seed (pounds)	638	Sugarcane for seed (tons)	725	Mint for oil (pounds of oil)	644	Sunflower seed (pounds)	734	Peanuts for nuts (pounds)	656	Timothy seed (pounds)	746	Peas, dry edible (pounds)	659	Other crops (pounds) — Specify	752
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Beans, snap (bush and pole)	381	Garlic	421	Radishes	451																																																																																																																																																																																																																																																																																					
Beets	383	Honeydew melons	423	Southern peas, green (cowpeas) — blackeyed, crowder, etc.	408																																																																																																																																																																																																																																																																																					
Broccoli	385	Lettuce and romaine	427	Spinach	457																																																																																																																																																																																																																																																																																					
Cabbage, head	391	Lima beans, green	429	Squash	459																																																																																																																																																																																																																																																																																					
Cantaloups and muskmelons	395	Mustard greens	431	Sweet corn	481																																																																																																																																																																																																																																																																																					
Carrots	397	Onions, dry	433	Tomatoes	463																																																																																																																																																																																																																																																																																					
Cauliflower	399	Onions, green	435	Turnips	465																																																																																																																																																																																																																																																																																					
Celery	401	Okra	437	Turnip greens	467																																																																																																																																																																																																																																																																																					
Collards	407	Peas, English, green (Exclude green southern peas)	441	Watermelons	473																																																																																																																																																																																																																																																																																					
Cucumbers and pickles	411	Peppers, sweet	443	Other vegetables — Specify	475																																																																																																																																																																																																																																																																																					
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<p>SECTION 5 Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on this place in 1985?</p> <p>S5</p> <p>1 <input type="checkbox"/> YES — Complete this section</p> <p>2 <input type="checkbox"/> NO — Go to section 6</p> <p>1. Nursery and greenhouse crops irrigated in 1985</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Area irrigated</th> </tr> <tr> <th>Square feet</th> <th>Acres</th> </tr> <tr> <td>477</td> <td>478</td> </tr> </table> <p>2. From the list below, enter the crop name and code for each crop grown.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Square feet under glass or other protection in 1985</th> <th>Acres in the open in 1985</th> <th colspan="2">Sales in 1985</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th>Whole acres</th> <th>Tenths</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/10</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Crop name</th> <th>Code</th> <th>Crop name</th> <th>Code</th> </tr> <tr> <td>Bedding plants (include vegetable plants)</td> <td>479</td> <td>Flowering plants</td> <td>710</td> </tr> <tr> <td>Bulbs (Exclude bulb flowering plants)</td> <td>482</td> <td>Mushrooms</td> <td>494</td> </tr> <tr> <td>Cut flowers and cut florist greens</td> <td>485</td> <td>Sod harvested</td> <td>497</td> </tr> <tr> <td>Nursery crops — ornamentals, fruit and nut trees, and vines</td> <td>488</td> <td>Vegetable and flower seeds</td> <td>500</td> </tr> <tr> <td>Foliage plants</td> <td>707</td> <td>Greenhouse vegetables</td> <td>503</td> </tr> <tr> <td></td> <td></td> <td>Other — Specify</td> <td>506</td> </tr> </table>	Area irrigated		Square feet	Acres	477	478	Crop name	Code	Square feet under glass or other protection in 1985	Acres in the open in 1985	Sales in 1985						Whole acres	Tenths						/10						/10						/10	Crop name	Code	Crop name	Code	Bedding plants (include vegetable plants)	479	Flowering plants	710	Bulbs (Exclude bulb flowering plants)	482	Mushrooms	494	Cut flowers and cut florist greens	485	Sod harvested	497	Nursery crops — ornamentals, fruit and nut trees, and vines	488	Vegetable and flower seeds	500	Foliage plants	707	Greenhouse vegetables	503			Other — Specify	506	<p>SECTION 8 Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES, CITRUS, and NUT TREES ON THIS PLACE in 1985?</p> <p>S8</p> <p>1 <input type="checkbox"/> YES — Complete this section</p> <p>2 <input type="checkbox"/> NO — Go to section 9</p> <p>1. TOTAL ACRES in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place. (Do not include abandoned acres.)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">Total acres</th> <th colspan="2">Acres irrigated</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> <th>Whole acres</th> <th>Tenths</th> </tr> <tr> <td>121</td> <td>/10</td> <td>122</td> <td>/10</td> </tr> </table> <p>2. From the list at the right, enter name and code for the fruit trees, grapevines, and nut trees on this place in 1985. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="3">Crop name</th> <th rowspan="3">Code</th> <th colspan="2">NUMBER OF TREES OR VINES OF —</th> <th rowspan="3">Acres in trees and vines of all ages</th> <th rowspan="3">Quantity harvested</th> <th colspan="4">Unit of measure</th> </tr> <tr> <th rowspan="2">Nonbearing age</th> <th rowspan="2">Bearing age</th> <th colspan="4">Mark one</th> </tr> <tr> <th>Whole acres</th> <th>Tenths</th> <th>Lbs.</th> <th>Tons</th> <th>Boxes</th> <th>Lbs. per box</th> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td>1</td> <td>2</td> <td>/10</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> <p><i>If more space is needed, use separate sheet of paper.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Noncitrus crops</th> <th>Code</th> <th>Citrus crops</th> <th>Code</th> </tr> <tr> <td>Apples</td> <td>123</td> <td>(Report quantity harvested for the 1984-85 harvest season)</td> <td></td> </tr> <tr> <td>Apricots</td> <td>129</td> <td>Grapefruit</td> <td>267</td> </tr> <tr> <td>Avocados</td> <td>135</td> <td>Lemons</td> <td>279</td> </tr> <tr> <td>Cherries, sweet</td> <td>345</td> <td>Limes</td> <td>285</td> </tr> <tr> <td>Cherries, tart</td> <td>687</td> <td>Oranges</td> <td>297</td> </tr> <tr> <td>Grapes, dry weight</td> <td>171</td> <td>Tangelos</td> <td>303</td> </tr> <tr> <td>Grapes, fresh weight</td> <td>177</td> <td>Tangerines</td> <td>309</td> </tr> <tr> <td>Olives (Report quantity for Sept. 1984 through March 1985 harvest season)</td> <td>207</td> <td>Other citrus — Specify</td> <td>316</td> </tr> <tr> <td>Peaches</td> <td>225</td> <td></td> <td></td> </tr> <tr> <td>Pears</td> <td>231</td> <td>Nut crops</td> <td>Code</td> </tr> <tr> <td>Plums and prunes, fresh weight</td> <td>243</td> <td>(Report quantity in meats)</td> <td></td> </tr> <tr> <td>Prunes, dry weight</td> <td>249</td> <td>Almonds</td> <td>321</td> </tr> <tr> <td>Other noncitrus — Specify</td> <td>261</td> <td>(Report quantity in shell)</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Filberts and hazelnuts</td> <td>327</td> </tr> <tr> <td></td> <td></td> <td>Pecans</td> <td>339</td> </tr> <tr> <td></td> <td></td> <td>Walnuts, English</td> <td>357</td> </tr> <tr> <td></td> <td></td> <td>Other nut trees — Specify</td> <td>363</td> </tr> </table>	Total acres		Acres irrigated		Whole acres	Tenths	Whole acres	Tenths	121	/10	122	/10	Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages	Quantity harvested	Unit of measure				Nonbearing age	Bearing age	Mark one				Whole acres	Tenths	Lbs.	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FORM 85-A1 (10-31-85)

SECTION 9 GROSS VALUE OF CROPS SOLD from this place in 1985, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1985. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

S9

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1985			
a. Corn for grain		\$	00
b. Wheat		\$	00
c. Soybeans		\$	00
d. Sorghum for grain		\$	00
e. Barley		\$	00
f. Oats		\$	00
g. Other — rice, dry beans, dry peas, flaxseed, popcorn, safflower, sunflower seed, rye, etc.		\$	00
2. Cotton and cottonseed		\$	00
3. Tobacco		\$	00
4. Hay, silage, field seeds, and grass seeds		\$	00
5. Vegetables, sweet corn, and melons — Do not include Irish potatoes and sweetpotatoes, report them in item 7 below.		\$	00
6. Fruits, nuts, berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.		\$	00
7. Other crops — Irish potatoes, sweetpotatoes, peanuts, sugar beets, sugarcane, mint for oil, etc. (Exclude nursery and greenhouse products) —		\$	00

Specify _____ \$ _____ 00

SECTION 10 GOVERNMENT CCC LOANS

S10

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
c. Cotton		\$	00
d. Soybeans, peanuts, rye, rice, tobacco, and honey		\$	00

SECTION 11 LAND USE IN 1985

S11

1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1 _____ Acres

NOTE: For items 2 to 5 below, if the same land had more than one use in 1985, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

2. **CROPLAND**

	None	Number 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		787
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements		788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured		789
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.)		790
e. Cropland in cultivated summer fallow		791
f. Cropland idle		793
3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.		794
a. Woodland pastured		795
b. Woodland not pastured		796
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture		797
5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above		798
6. TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)		798

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.

S12

1 ☐ YES — Complete this section

2 ☐ NO — Go to section 13

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 11, item 2a.		680
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?		681

SECTION 13 Did you or anyone else have any CATTLE or CALVES on this place in 1985?

S13

1 ☐ YES — Complete this section

2 ☐ NO — Go to section 14

• DECEMBER 31, 1985 INVENTORY

	None	INVENTORY Number on this place Dec. 31, 1985
1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)		803
a. BEEF COWS — Include beef heifers that had calved		804
b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved		805
c. HEIFERS AND HEIFER CALVES (Exclude heifers that had calved)		806
d. STEERS, STEER CALVES, BULLS, AND BULL CALVES		807

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1985

Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1985	Gross value of sales
			Dollars Cents
2. Calves weighing less than 500 pounds		808	\$ 00
3. Cattle, including calves weighing 500 pounds or more		810	\$ 00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?		812	\$ 00

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1985

	None	DAIRY PRODUCTS Gross value of sales
		Dollars Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1985 — Include milk, cream, butter, etc.		814 \$ 00

SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1985?

S14

1 ☐ YES — Complete this section

2 ☐ NO — Go to section 15

• DECEMBER 31, 1985 INVENTORY

	None	INVENTORY Number on this place Dec. 31, 1985
1. HOGS and PIGS of all ages (Total of a and b below)		815
a. HOGS and PIGS used or to be used for BREEDING		816
b. OTHER HOGS and PIGS		817

• LITTERS FARROWED

	None	Number of litters
2. LITTERS FARROWED on this place between —		818
a. December 1, 1984 and May 31, 1985		819
b. June 1, 1985 and November 30, 1985		

• HOGS AND PIGS SOLD

	None	Number sold in 1985	Gross value of sales
			Dollars Cents
3. HOGS and PIGS SOLD from this place in 1985		820	\$ 00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?		822	\$ 00

SECTION 15 Did you or anyone else have any SHEEP or LAMBS on this place in 1985?

S15

1 ☐ YES — Complete this section

2 ☐ NO — Go to section 16

• SHEEP AND LAMBS INVENTORY

	None	INVENTORY Number on this place Dec. 31, 1985	NUMBER SOLD in 1985
1. SHEEP and LAMBS of all ages		824	825
a. EWES 1 year old or older		826	

• SHEEP AND LAMBS SHORN

	None	Number shorn in 1985	Pounds of wool shorn in 1985
2. SHEEP and LAMBS SHORN		827	828

• GROSS VALUE OF SALES

	None	Gross value of sales
		Dollars Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1985?		829 \$ 00

SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1985?S18
1 ☐ YES — **Complete this section** 2 ☐ NO — **Go to section 17**

	None	INVENTORY Number on this place Dec. 31, 1985	Total quantity sold in 1985	Gross value of sales	
				Dollars	Cents
1. Horses and ponies of all ages	<input type="checkbox"/>	830	831	832	00
		839	840	842	00
			841		
2. Colonies of bees	<input type="checkbox"/>		844	846	00
			845		
3. Milk goats	<input type="checkbox"/>	843	844	846	00
			845		
4. Angora goats	<input type="checkbox"/>	847	848	850	00
			849		
5. Other livestock or animal specialties in captivity (Enter name and code from "List A" below.)	<input type="checkbox"/>		1	2	00

Name _____ Code _____

	None	Total quantity sold in 1985	Gross value of sales	
			Dollars	Cents
6. Fish and other aquaculture products (Enter name and code from "List B" below.)	<input type="checkbox"/>		2	00
		1		

Name _____ Code _____

List A		List B	
Name	Code	Name	Code
Other goats	851	Catfish	860
Mules, burros, and donkeys	833	Trout	863
Mink and their pelts	836	Other fish — Specify	866
Rabbits and their pelts	854	Other aquaculture products — Specify	869
All other livestock and livestock products — Specify	857		

If more space is needed, use separate sheet of paper.

SECTION 17 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1985? (Include poultry grown for others on a contract basis.)S17
1 ☐ YES — **Complete this section**
2 ☐ NO — **Go to section 18**

	None	INVENTORY Number on this place Dec. 31, 1985	Total number sold in 1985
1. HENS and PULLETS of laying age	<input type="checkbox"/>	892	893
2. Pullets for laying flock replacement		894	895
a. PULLETS 3 months old or older not yet of laying age	<input type="checkbox"/>	896	
b. PULLET CHICKS and PULLETS under 3 months old (Exclude commercial broilers)	<input type="checkbox"/>		
3. BROILERS, fryers, and other meat type chickens including capons and roasters	<input type="checkbox"/>	898	899
4. TURKEYS		900	901
a. Turkeys for slaughter (Exclude breeders)	<input type="checkbox"/>	902	903
b. Turkey HENS kept for breeding	<input type="checkbox"/>		
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)	<input type="checkbox"/>		1
Poultry name _____ Code _____			
Poultry name _____ Code _____			
Name	Code	Name	Code
Ducks	904	Pigeons or squab	908
Geese	906	Pheasants	910
		Quail	912
		All other poultry — Specify	914
6. POULTRY HATCHED on this place in 1985 and placed or sold — chickens, turkeys, ducks, etc. —	<input type="checkbox"/>	916	
Specify kind of poultry _____		917	
7. Incubator egg capacity on December 31, 1985	<input type="checkbox"/>		
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1985?	<input type="checkbox"/>		00

SECTION 18 TYPE OF ORGANIZATIONS18
Mark (X) the one item which best describes the type of organization for this place in 1985. Refer to the INFORMATION SHEET, Section 18.

- FAMILY or INDIVIDUAL operation — (Exclude partnership and corporation) 1 ☐ Go to section 20
- PARTNERSHIP operation — Include family partnerships 2 ☐ Go to section 19
- INCORPORATED UNDER STATE LAW 3 ☐ Go to section 19
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 4 ☐ Specify below then go to section 20
- Specify _____

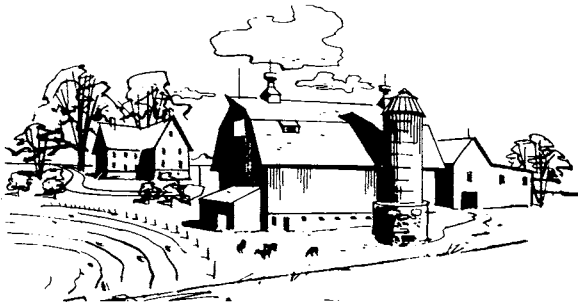
SECTION 19 CORPORATE STRUCTURE (for incorporated operations only) Refer to the INFORMATION SHEET, Section 19.

- S19
922
1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

SECTION 20 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) Refer to the INFORMATION SHEET, Section 20.

- S20
1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 ☐ Yes 2 ☐ No
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
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) 929
- 1 ☐ None
- 2 ☐ 1–49 days
- 3 ☐ 50–99 days
- 4 ☐ 100–149 days
- 5 ☐ 150–199 days
- 6 ☐ 200 days or more
4. In what year did the operator (or senior partner) begin to operate any part of this place? 060 _____ Year
5. AGE of operator (senior partner or person in charge) 925 _____ Years old
6. RACE of operator (senior partner or person in charge) 924
- 1 ☐ White
- 2 ☐ Negro or Black
- 3 ☐ American Indian
- 4 ☐ Asian or Pacific Islander
- 9 ☐ Other — Specify _____
7. SEX of operator (senior partner or person in charge) 926 1 ☐ Male 2 ☐ Female
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 1 ☐ Yes 2 ☐ No

SECTION 21 PRODUCTION EXPENSES paid by you and others for this place in 1985		SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1985?			
S21 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.		S23 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> 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 acreage treated for each purpose.			
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poulters, started pullets, etc. None Dollars Cents		1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control — None Number of acres on which used			
<input type="checkbox"/> \$ 972 00		<input type="checkbox"/> 936			
2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc. None Dollars Cents		a. Insects on crops, including hay <input type="checkbox"/> 937			
<input type="checkbox"/> \$ 973 00		b. Nematodes in crops <input type="checkbox"/> 938			
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. (Exclude ingredients purchased separately, such as soybean meal, cottonseed meal, and urea) None Dollars Cents		c. Diseases in crops and orchards (blights, smuts, rusts, etc.) <input type="checkbox"/> 939			
<input type="checkbox"/> \$ 974 00		d. Weeds, grass, or brush in crops and pasture. Include both pre-emergence and post emergence <input type="checkbox"/> 940			
3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased None Dollars Cents		2. Chemicals for defoliation or for growth control of crops or thinning of fruit <input type="checkbox"/>			
<input type="checkbox"/> \$ 975 00		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 None Dollars Cents		S24 • Value of ALL machinery and equipment on this place, December 31, 1985			
<input type="checkbox"/> \$ 976 00		1. What is the estimated market value of ALL machinery, 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 milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc. Estimated market value			
5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications (Exclude lime) None Dollars Cents		<input type="checkbox"/> \$ 977 00		<div style="float: right;">Dollars Cents</div> <div style="float: right;">943 00</div>	
6. Gasoline and other petroleum fuel and oil purchased for the farm business —		• SELECTED machinery and equipment on this place, December 31, 1985. (Report only if used in 1984 or 1985.)		<div style="float: right;">Total number on this place on December 31, 1985</div> <div style="float: right;">Of the total, HOW MANY were manufactured in the last 5 years (1981 - 1985)?</div>	
a. Gasoline and gasohol None Dollars Cents		<input type="checkbox"/> \$ 978 00		<div style="float: right;">944 945</div>	
b. Diesel fuel None Dollars Cents		<input type="checkbox"/> \$ 979 00		<div style="float: right;">946 947</div>	
c. LP gas, fuel oil, kerosene, natural gas, motor oil, and grease None Dollars Cents		<input type="checkbox"/> \$ 980 00		<div style="float: right;">948 949</div>	
7. Electricity for the farm business (Exclude household expenses) None Dollars Cents		<input type="checkbox"/> \$ 981 00		<div style="float: right;">950 951</div>	
8. Hired farm or ranch labor — wages and salaries paid, social security contributions, withholding taxes, insurance, unemployment compensation, etc. (See Information Sheet) None Dollars Cents		<input type="checkbox"/> \$ 982 00		<div style="float: right;">956 957</div>	
9. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc. None Dollars Cents		<input type="checkbox"/> \$ 983 00		<div style="float: right;">958 959</div>	
10. Repairs and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment None Dollars Cents		<input type="checkbox"/> \$ 984 00		<div style="float: right;">960 961</div>	
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 ginning and application of fertilizer and chemicals) None Dollars Cents		<input type="checkbox"/> \$ 985 00		SECTION 25 ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS	
12. Interest paid on debts — (Refer to INFORMATION SHEET, Section 21)		<input type="checkbox"/> \$ 986 00		S25 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. None Estimated market value of land and buildings	
a. Secured by real estate None Dollars Cents		<input type="checkbox"/> \$ 987 00		<div style="float: right;">996 997</div>	
b. Not secured by real estate None Dollars Cents		<input type="checkbox"/> \$ 988 00		<div style="float: right;">998 999</div>	
13. Cash rent paid for land and buildings in 1985 None Dollars Cents		<input type="checkbox"/> \$ 989 00		SECTION 26 INCOME FROM FARM - RELATED SOURCES IN 1985	
14. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Exclude taxes paid by landlords) None Dollars Cents		<input type="checkbox"/> \$ 990 00		S26 Report amount received before taxes and expenses.	
15. All other production expenses — Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Exclude depreciation, household expenses, and expenses not associated with the farm business) None Dollars Cents		<input type="checkbox"/> \$ 991 00		<div style="float: right;">Farm-related income</div> <div style="float: right;">Dollars Cents</div>	
<input type="checkbox"/> \$ 992 00		<input type="checkbox"/> \$ 993 00		<div style="float: right;">994 995</div>	
<input type="checkbox"/> \$ 994 00		<input type="checkbox"/> \$ 996 00		<div style="float: right;">997 998</div>	
<input type="checkbox"/> \$ 998 00		<input type="checkbox"/> \$ 999 00		<div style="float: right;">1000 1001</div>	
<input type="checkbox"/> \$ 1000 00		<input type="checkbox"/> \$ 1001 00		<div style="float: right;">1002 1003</div>	
<input type="checkbox"/> \$ 1004 00		<input type="checkbox"/> \$ 1005 00		<div style="float: right;">1006 1007</div>	
<input type="checkbox"/> \$ 1008 00		<input type="checkbox"/> \$ 1009 00		<div style="float: right;">1010 1011</div>	
<input type="checkbox"/> \$ 1012 00		<input type="checkbox"/> \$ 1013 00		<div style="float: right;">1014 1015</div>	
<input type="checkbox"/> \$ 1016 00		<input type="checkbox"/> \$ 1017 00		<div style="float: right;">1018 1019</div>	
<input type="checkbox"/> \$ 1020 00		<input type="checkbox"/> \$ 1021 00		<div style="float: right;">1022 1023</div>	
<input type="checkbox"/> \$ 1024 00		<input type="checkbox"/> \$ 1025 00		<div style="float: right;">1026 1027</div>	
<input type="checkbox"/> \$ 1028 00		<input type="checkbox"/> \$ 1029 00		<div style="float: right;">1030 1031</div>	
<input type="checkbox"/> \$ 1032 00		<input type="checkbox"/> \$ 1033 00		<div style="float: right;">1034 1035</div>	
<input type="checkbox"/> \$ 1036 00		<input type="checkbox"/> \$ 1037 00		<div style="float: right;">1038 1039</div>	
<input type="checkbox"/> \$ 1040 00		<input type="checkbox"/> \$ 1041 00		<div style="float: right;">1042 1043</div>	
<input type="checkbox"/> \$ 1044 00		<input type="checkbox"/> \$ 1045 00		<div style="float: right;">1046 1047</div>	
<input type="checkbox"/> \$ 1048 00		<input type="checkbox"/> \$ 1049 00		<div style="float: right;">1050 1051</div>	
<input type="checkbox"/> \$ 1052 00		<input type="checkbox"/> \$ 1053 00		<div style="float: right;">1054 1055</div>	
<input type="checkbox"/> \$ 1056 00		<input type="checkbox"/> \$ 1057 00		<div style="float: right;">1058 1059</div>	
<input type="checkbox"/> \$ 1060 00		<input type="checkbox"/> \$ 1061 00		<div style="float: right;">1062 1063</div>	
<input type="checkbox"/> \$ 1064 00		<input type="checkbox"/> \$ 1065 00		<div style="float: right;">1066 1067</div>	
<input type="checkbox"/> \$ 1068 00		<input type="checkbox"/> \$ 1069 00		<div style="float: right;">1070 1071</div>	
<input type="checkbox"/> \$ 1072 00		<input type="checkbox"/> \$ 1073 00		<div style="float: right;">1074 1075</div>	
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<input type="checkbox"/> \$ 1084 00		<input type="checkbox"/> \$ 1085 00		<div style="float: right;">1086 1087</div>	
<input type="checkbox"/> \$ 1088 00		<input type="checkbox"/> \$ 1089 00		<div style="float: right;">1090 1091</div>	
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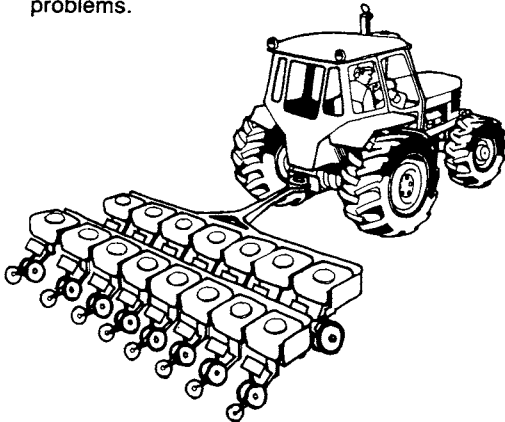
Why a Census?

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 JANUARY 31, 1986

OMB No. 0607-0501: Approval Expires December 31, 1986

FORM 85-A2 (10-31-85)	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.																								
<h2 style="margin: 0;">UNITED STATES CENSUS OF AGRICULTURE</h2>		In correspondence pertaining to this report, please refer to your Census File Number (CFN)																								
Please complete this form and RETURN TO BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, Indiana 47133		85-A2																								
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) below and return extra copies with your completed report.																										
A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>																									(Please correct errors in name, address, and ZIP code.)
A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%; height: 20px;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> <td style="width: 12.5%;"></td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>																									
CENSUS USE ONLY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">035</td> <td style="width: 25%;">036</td> <td style="width: 25%;">037</td> <td style="width: 25%;">038</td> </tr> <tr> <td>039</td> <td>040</td> <td>041</td> <td>042</td> </tr> </table>	035	036	037	038	039	040	041	042																	
035	036	037	038																							
039	040	041	042																							
SECTION 1 ACREAGE IN 1985 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.																										
If the acres you operated in 1985 changed during the year, refer to the INFORMATION SHEET, Section 1.																										
1. All land owned	<input type="checkbox"/> None	Number of acres 043																								
2. All 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below	<input type="checkbox"/>	044																								
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below	<input type="checkbox"/>	045																								
4. ACRES IN THIS PLACE — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		046																								
For this census report these are the "ACRES IN THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, Section 1.																										
5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">Name of landlord</th> <th style="width: 35%;">Mailing address (Include ZIP code)</th> <th style="width: 30%;">Number of acres</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		Name of landlord	Mailing address (Include ZIP code)	Number of acres																					
Name of landlord	Mailing address (Include ZIP code)	Number of acres																								
List additional landlords on a separate sheet of paper.																										
6. If you rented land TO OTHERS (item 3), enter the following information for each renter	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">Name of renter</th> <th style="width: 35%;">Mailing address (Include ZIP code)</th> <th style="width: 30%;">Number of acres</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		Name of renter	Mailing address (Include ZIP code)	Number of acres																					
Name of renter	Mailing address (Include ZIP code)	Number of acres																								
List additional renters on a separate sheet of paper.																										
a. Of the land you rented or leased to others, how many acres did you own? <input type="checkbox"/> None 053 Acres																										
7. Did you have any grazing permits on a per-head basis?																										
054 1 <input type="checkbox"/> Yes — Mark (X) all boxes which apply.																										
2 <input type="checkbox"/> No — Go to item 8																										
3 <input type="checkbox"/> Forest Service 5 <input type="checkbox"/> Indian Land 4 <input type="checkbox"/> Taylor Grazing, Sec. 3 (BLM) 6 <input type="checkbox"/> Other — Specify _____																										
8. How many acres were diverted (or set-aside) under Federal commodity acreage reduction programs in 1985? <input type="checkbox"/> None 055 Acres																										
9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE																										
a. In what county was the largest value of your agricultural products raised or produced?	Principal county →	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">County name</th> <th style="width: 10%;">State</th> <th style="width: 50%;">Number of acres</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td>056</td></tr> <tr><td> </td><td> </td><td>057</td></tr> <tr><td> </td><td> </td><td>058</td></tr> <tr><td> </td><td> </td><td>059</td></tr> </tbody> </table>	County name	State	Number of acres			056			057			058			059									
County name	State	Number of acres																								
		056																								
		057																								
		058																								
		059																								
b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.	Other counties																									

PENALTY FOR FAILURE TO REPORT

INSTRUCTIONS — Please report your crops in the appropriate section. Use section 8 to report ONLY those crops NOT listed in sections 2 through 7. DO NOT INCLUDE crops grown on land rented to others.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1985?

S2	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed (Report quantity on a dry shelled- weight basis) . . .	<input type="checkbox"/>	067	068 Bu. 1 OR Lbs.	069
2. Corn (field) for silage or green chop	<input type="checkbox"/>	070	071 Tons, green	072
3. Winter wheat for grain	<input type="checkbox"/>	047	048 Bu.	049
4. Durum wheat for grain	<input type="checkbox"/>	050	051 Bu.	052
5. Spring wheat, other than durum, for grain	<input type="checkbox"/>	527	528 Bu.	529
6. Oats for grain	<input type="checkbox"/>	076	077 Bu.	078
7. Sorghum for grain or seed, including milo	<input type="checkbox"/>	082	083 OR Bu. 1 Lbs.	084
8. Soybeans for beans	<input type="checkbox"/>	088	089 Bu.	090
9. Cotton	<input type="checkbox"/>	091	092 Bales	093
10. Tobacco — all types	<input type="checkbox"/>	094	095 Lbs.	096
11. Potatoes, Irish	<input type="checkbox"/>	097	098 Cwt.	099

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1985?

Include sorghum-sudan crosses and hay cut from pastures.

S3

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 4

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

1. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)

- a. Alfalfa and alfalfa mixtures for hay or dehydrating
- b. Small grain hay — oats, wheat, barley, rye, etc.
- c. Other tame dry hay — clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.
- d. Wild hay

2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (hay crops cut and fed green) (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)

3. HAY SOLD — Did you sell any hay or grass silage in 1985?

(Report value of hay sold in section 9, item 4)

Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
103	104 Tons, dry	105
106	107 Tons, dry	108
109	110 Tons, dry	111
112	113 Tons, dry	114
115	116 Tons, green	117

118

1 ☐ Yes 2 ☐ No

SECTION 4 Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1985? (Exclude those grown for home use.)

S4

1 ☐ YES — Complete this section 2 ☐ NO — Go to section 5

NOTE — For Florida report for September 1, 1984 through August 31, 1985 harvest season; for all other States report for calendar year 1985.

1. Land from which vegetables were harvested in 1985

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

2. From the list on the right, enter the crop name and code for each crop harvested in 1985. If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested	Acres irrigated
		/10	/10
		/10	/10
		/10	/10
		/10	/10
		/10	/10

Crop name	Code	Crop name	Code
Asparagus	379	Onions, green	435
Beans, snap (bush and pole)	381	Okra	437
Beets	383	Peas, English, green (Exclude green southern peas)	441
Broccoli	385	Peppers, sweet	443
Cabbage, head	391	Peppers, hot	445
Cantaloups and muskmelons	395	Pumpkins	449
Carrots	397	Radishes	451
Cauliflower	399	Southern peas, green (cowpeas) — blackeyed, crowder, etc.	409
Celery	401	Spinach	457
Collards	407	Squash	459
Cucumbers and pickles	411	Sweet corn	461
Eggplant	415	Tomatoes	463
Garlic	421	Turnips	465
Honeydew melons	423	Turnip greens	467
Lettuce and romaine	427	Watermelons	473
Lima beans, green	429	Other vegetables — Specify	475
Mustard greens	431		
Onions, dry	433		

If additional space is needed to enter crops, use separate sheet of paper.

SECTION 5

Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on this place in 1985?

S5

1 ☐ YES — **Complete this section**2 ☐ NO — **Go to section 6**

None

1. Nursery and greenhouse crops irrigated in 1985. ☐

Area irrigated		
Square feet	Acres	Tenths
477	478	/10

2. From the list on the right, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1985	Acres in the open in 1985		Sales in 1985	
			Whole acres	Tenths	Dollars	Cents
			1	/10	\$	00
			1	/10	\$	00
			1	/10	\$	00

Crop name	Code
Bedding plants (include vegetable plants)	479
Bulbs (exclude bulb flowering plants)	482
Cut flowers and cut florist greens	485
Nursery crops — ornamentals, fruit and nut trees, and vines	488
Foliage plants	707
Flowering plants	710
Mushrooms	494
Sod harvested	497
Vegetable and flower seeds	500
Greenhouse vegetables	503
Other — Specify	506

If additional space is needed to enter crops, use separate sheet of paper.

SECTION 6

Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1985? (Exclude those grown for home use)

S6

1 ☐ YES — **Complete this section**2 ☐ NO — **Go to section 7**

From the list on the right, enter crop name and code. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
			/10	1	2	/10
			/10	1	2	/10
			/10	1	2	/10

Crop name	Code
Blackberries and dewberries (pounds)	509
Blueberries, tame (pounds)	512
Blueberries, wild (pounds)	515
Cranberries (100-lb. barrels)	521
Raspberries (pounds)	533
Strawberries (pounds)	536
All other berries (pounds) — Specify	539

If additional space is needed to enter crops, use separate sheet of paper.

SECTION 7

Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES, CITRUS, and NUT TREES ON THIS PLACE in 1985?

S7

1 ☐ YES — **Complete this section**2 ☐ NO — **Go to section 8**

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place. (Do not include abandoned acres.)

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. From the list on the right, enter name and code for the fruit trees, grapevines, and nut trees on this place in 1985. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages		Quantity harvested	Unit of measure (Mark one)				
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs per box	
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5
			1	2	/10	3	4	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	5

If additional space is needed to enter crops, use separate sheet of paper.

Noncitrus crops	Code
Apples	123
Apricots	129
Avocados	135
Cherries, sweet	345
Cherries, tart	587
Grapes, dry weight	171
Grapes, fresh weight	177
Olives (Report quantity for Sept. 1984 through March 1985 harvest season)	207
Peaches	225
Pears	231
Plums and prunes, fresh weight	243
Prunes, dry weight	249
Other noncitrus — Specify	261

Citrus crops	Code
Report quantity harvested for the 1984-1985 harvest season	
Grapefruit	267
Lemons	279
Limes	285
Oranges	297
Tangelos	303
Tangerines	309
Other citrus — Specify	315

Nut crops	Code
(Report quantity in meats)	
Almonds	321
(Report quantity in shell)	
Filberts and hazelnuts	327
Pecans	339
Walnuts, English	357
Other nut trees — Specify	363

SECTION 10 GOVERNMENT CCC LOANS

S10

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	<input type="checkbox"/>	799	00
b. Wheat	<input type="checkbox"/>	800	00
c. Cotton	<input type="checkbox"/>	801	00
d. Soybeans, peanuts, rye, rice, tobacco, and honey	<input type="checkbox"/>	802	00

SECTION 11 LAND USE IN 1985

S11

1. Copy ACRES IN THIS PLACE from section 1, item 4, page 1 Acres

NOTE: For items 2 to 5 below, if the same land had more than one use in 1985, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

2. CROPLAND

	None	Number 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	<input type="checkbox"/>	787
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements	<input type="checkbox"/>	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	<input type="checkbox"/>	789
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.)	<input type="checkbox"/>	790
e. Cropland in cultivated summer fallow	<input type="checkbox"/>	791
f. Cropland idle	<input type="checkbox"/>	793

3. **Woodland** — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.

- a. Woodland pastured
b. Woodland not pastured

4. **Other pastureland and rangeland** — Include any pastureland other than cropland and woodland pasture

5. **All other land** — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported 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 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.

S12

- 1 ☐ YES — Complete this section 2 ☐ NO — Go to section 13

None Number of acres irrigated

1. How many acres of harvested land were irrigated?
Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 11, item 2a.

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 ☐ YES — Complete this section 2 ☐ NO — Go to section 14

1. SHEEP and LAMBS of all ages

- a. EWES 1 year old or older

None	INVENTORY Number on this place Dec. 31, 1985	NUMBER SOLD in 1985
<input type="checkbox"/>	824	825
<input type="checkbox"/>	826	

2. SHEEP and LAMBS SHORN

None	Number shorn in 1985	Pounds of wool shorn in 1985
<input type="checkbox"/>	827	828

3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1985?

None	Gross value of sales	
	Dollars	Cents
<input type="checkbox"/>	829	00

SECTION 14 Did you or anyone else have any CATTLE or CALVES on this place in 1985?

S14

1 ☐ YES — **Complete this section** 2 ☐ NO — **Go to section 15**• **DECEMBER 31, 1985 INVENTORY**

1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below) ☐ None
- a. BEEF COWS — Include beef heifers that had calved ☐
- b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved ☐
- c. HEIFERS AND HEIFER CALVES — (Exclude heifers that had calved) ☐
- d. STEERS, STEER CALVES, BULLS, AND BULL CALVES ☐

INVENTORY Number on this place Dec. 31, 1985	
803	Total
804	Beef cows
805	Milk cows
806	Heifers and heifer calves
807	Steers and bulls of all ages

• **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1985**

Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

2. Calves weighing less than 500 pounds ☐ None
3. Cattle, including calves weighing 500 pounds or more ☐
- a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER? ☐

Number sold in 1985	Gross value of sales	
	Dollars	Cents
808	809	00
810	811	00
812	813	00

• **DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1985**

4. Gross value of sales of DAIRY PRODUCTS from this place in 1985 — Include milk, cream, butter, etc. ☐ None

DAIRY PRODUCTS Gross value of sales	
Dollars	Cents
814	00

SECTION 15 Did you or anyone else have any HOGS or PIGS on this place in 1985?

S15

1 ☐ YES — **Complete this section** 2 ☐ NO — **Go to section 16**• **DECEMBER 31, 1985 INVENTORY**

1. HOGS and PIGS of all ages — (Total of a and b below) ☐ None
- a. HOGS and PIGS used or to be used for BREEDING ☐
- b. OTHER HOGS and PIGS ☐

INVENTORY Number on this place Dec. 31, 1985	
815	Total
816	Breeding
817	Other

• **LITTERS FARROWED**

2. LITTERS FARROWED on this place between — ☐ None
- a. December 1, 1984 and May 31, 1985 ☐
- b. June 1, 1985 and November 30, 1985 ☐

Number of litters	
818	
819	

• **HOGS AND PIGS SOLD**

3. HOGS and PIGS SOLD from this place in 1985 ☐ None
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding? ☐

Number sold in 1985	Gross value of sales	
	Dollars	Cents
820	821	00
822	823	00

SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1985?

S16

1 ☐ YES — **Complete this section**2 ☐ NO — **Go to section 17**

- None
1. Horses and ponies of all ages ☐
2. Colonies of bees ☐
3. Milk goats ☐
4. Angora goats ☐
5. Other livestock or animal specialties in captivity
(Enter name and code from "List A" on the right.)

Name _____ Code _____

INVENTORY Number on this place Dec. 31, 1985	Total quantity sold in 1985	Gross value of sales	
		Dollars	Cents
830	831	832	00
	Number		
838	840	842	
	Number		
	841	\$	00
	Pounds honey		
843	844	846	
	Number		
	845	\$	00
	Gallons milk		
847	848	850	
	Number		
	849	\$	00
	Pounds mohair		
	1	2	
	Number	\$	00

List A

Name Code

Other goats 851

Mules, burros, and
donkeys 833

Mink and their pelts . . . 836

Rabbits and their pelts 854

All other livestock and
livestock products —
Specify 857

List B

Name Code

Catfish 860

Trout 863

Other fish — Specify . . 866

Other aquaculture
products — Specify . . 869

6. Fish and other aquaculture products (Enter name and code from "List B" on the right.)

Name _____ Code _____

If additional space is needed, use separate sheet of paper.

Total quantity sold in 1985	Gross value of sales	
	Dollars	Cents
1 — OR — Pounds	2	
Number	\$	00

SECTION 17 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1985? (Include poultry grown for others on a contract basis.)

S17

1 ☐ YES — **Complete this section**2 ☐ NO — **Go to section 18**

- None
1. HENS and PULLETS of laying age ☐
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
(Exclude commercial broilers) ☐
3. BROILERS, fryers, and other meat-type chickens including capons
and roasters ☐
4. TURKEYS
- a. Turkeys for slaughter (Exclude breeders) ☐
- b. Turkey HENS kept for breeding ☐
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons
or squab, pheasants, quail, etc. (Enter poultry name and code from
the list on the right.)

Poultry name _____ Code _____

Poultry name _____ Code _____

INVENTORY Number on this place Dec. 31, 1985	Total number sold in 1985
892	893
894	895
896	
898	899
900	901
902	903
	1
	1

Name Code

Ducks 904

Geese 906

Pigeons or squab 908

Pheasants 910

Quail 912

All other poultry —
Specify 914

6. POULTRY HATCHED on this place in 1985 and placed or
sold — chickens, turkeys, ducks, etc. — Specify kind of poultry ☐
7. Incubator egg capacity on December 31, 1985 ☐

None

Number
916
917

8. What was the gross value of sales of poultry and poultry
products (eggs, etc.) from this place in 1985? ☐

None

Gross value of sales	
Dollars	Cents
918	
\$	00

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.*

S18

921

- FAMILY or INDIVIDUAL operation — (Exclude partnership and corporation). 1 ☐ } Go to section 20
- PARTNERSHIP operation — Include family partnerships 2 ☐ }
- INCORPORATED UNDER STATE LAW 3 ☐ Go to section 19
- 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.*

922

1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

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? 1 ☐ Yes 2 ☐ No

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 or ranching 2 ☐ Other

929

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).
- 1 ☐ None
- 2 ☐ 1—49 days
- 3 ☐ 50—99 days
- 4 ☐ 100—149 days
- 5 ☐ 150—199 days
- 6 ☐ 200 days or more

060

4. In what year did the operator (or senior partner) begin to operate any part of this place? _____ Year

925

5. AGE of operator (senior partner or person in charge) _____ Years old

924

6. RACE of operator (senior partner or person in charge)
- 1 ☐ White
- 2 ☐ Negro or Black
- 3 ☐ American Indian
- 4 ☐ Asian or Pacific Islander
- 9 ☐ Other — Specify _____

926

7. SEX of operator (senior partner or person in charge) 1 ☐ Male 2 ☐ Female

927

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 1 ☐ Yes 2 ☐ No

SECTION 21 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1985?

S21

1 ☐ YES — **Complete this section** 2 ☐ NO — **Go to section 22**

1. Acres of cropland fertilized in 1985 (Exclude cropland used only for pastures reported in section 11, item 2b) <input type="checkbox"/>	None	Acres fertilized
		932
2. Acres of pastureland and rangeland fertilized in 1985 reported in section 11, items 2b and 4. <input type="checkbox"/>		933
3. LIME — tons of lime used and acres on which applied (Do not include land plaster or gypsum or lime for sanitation) <input type="checkbox"/>	None	Acres limed
		934
	Tons of lime	935

SECTION 22 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1985?

S22

1 ☐ YES — **Complete this section** 2 ☐ NO — **Go to section 23**

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. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control —	None	Number of acres on which used
		936
a. Insects on crops, including hay <input type="checkbox"/>		937
b. Nematodes in crops <input type="checkbox"/>		938
c. Diseases in crops and orchards (blights, smuts, rusts, etc.) <input type="checkbox"/>		939
d. Weeds, grass, or brush in crops and pasture Include both pre-emergence and post emergence <input type="checkbox"/>		940
2. Chemicals for defoliation or for growth control of crops or thinning of fruit <input type="checkbox"/>		

SECTION 23 MACHINERY AND EQUIPMENT ON THIS PLACE ON DECEMBER 31, 1985 (Include only equipment used for agricultural operations in 1984 or 1985.)

S23

• **Value of ALL machinery and equipment on this place, December 31, 1985**

1. What is the estimated market value of ALL machinery, 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 milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.

Estimated market value	
Dollars	Cents
943	
\$	00

• **SELECTED machinery and equipment on this place, December 31, 1985. (Report only if used in 1984 or 1985.)**

	None	Total number on this place on December 31, 1985	Of the total, HOW MANY were manufactured in the last 5 years (1981 – 1985)?
2. Motortrucks — Include pickups <input type="checkbox"/>		944	945
3. Wheel tractors other than garden tractors and motor tillers —		946	947
a. Less than 40 horsepower (PTO) <input type="checkbox"/>		948	949
b. 40 horsepower (PTO) or more <input type="checkbox"/>		950	951
4. Grain and bean combines, all types <input type="checkbox"/>		956	957
5. Cotton pickers and strippers <input type="checkbox"/>		958	959
6. Mower conditioners <input type="checkbox"/>		960	961
7. Pickup balers — Include rectangle and round balers <input type="checkbox"/>			

SECTION 24 PRODUCTION EXPENSES paid by you and others for this place in 1985

S24

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.

		None	Dollars	Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poult, started pullets, etc.	<input type="checkbox"/>		972	00
2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.	<input type="checkbox"/>		973	00
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. (Exclude ingredients purchased separately, such as soybean meal, cottonseed meal, and urea)	<input type="checkbox"/>	None	974	00
3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased	<input type="checkbox"/>		975	00
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. Include cost of custom application. (Exclude lime)	<input type="checkbox"/>		976	00
5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications	<input type="checkbox"/>		977	00
6. Gasoline and other petroleum fuel and oil purchased for the farm business —			978	
a. Gasoline and gasohol	<input type="checkbox"/>		979	00
b. Diesel fuel	<input type="checkbox"/>		980	00
c. LP gas, fuel oil, kerosene, natural gas, motor oil, and grease	<input type="checkbox"/>		981	00
7. Electricity for the farm business (Exclude household expenses)	<input type="checkbox"/>		982	00
8. Hired farm or ranch labor — wages and salaries paid, social security contributions, withholding taxes, insurance, unemployment compensation, etc. (See Information Sheet)	<input type="checkbox"/>		983	00
9. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.	<input type="checkbox"/>		984	00
10. Repairs and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	<input type="checkbox"/>		985	00
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 ginning and application of fertilizer and chemicals.)	<input type="checkbox"/>		986	00
12. Interest paid on debts for the farm business — (Refer to Information Sheet, section 24)			987	
a. Secured by real estate	<input type="checkbox"/>		988	00
b. Not secured by real estate	<input type="checkbox"/>		989	00
13. Cash rent paid for land and buildings in 1985	<input type="checkbox"/>		990	00
14. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Exclude taxes paid by landlords)	<input type="checkbox"/>			
15. All other production expenses — Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Exclude depreciation, household expenses, and expenses not associated with the farm business)	<input type="checkbox"/>			

SECTION 25 ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

S25

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.

None

Estimated market value
of land and buildings

Dollars

Cents

1. All land owned

☐

\$

00

2. All land rented or leased FROM OTHERS

☐

\$

00

3. All land rented or leased TO OTHERS

☐

\$

00

SECTION 26 INCOME FROM FARM — RELATED SOURCES IN 1985

S26

• Report amount received before taxes and expenses.

None

Farm-related income

Dollars

Cents

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)

☐

\$

00

2. Payments you received for participation in Government farm programs — (Exclude Commodity Credit Corporation (CCC) loans)

☐

\$

00

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 per-head basis, per-month basis, per-pound basis, etc.

☐

\$

00

4. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc.

☐

\$

00

5. Other farm-related income, including recreational services, patronage dividends of cooperatives, sales of by-products, and other business or income which is CLOSELY RELATED to the agricultural operations on this place —

Specify kind

☐

\$

00

SECTION 27 PERSON COMPLETING THIS REPORT — Please print

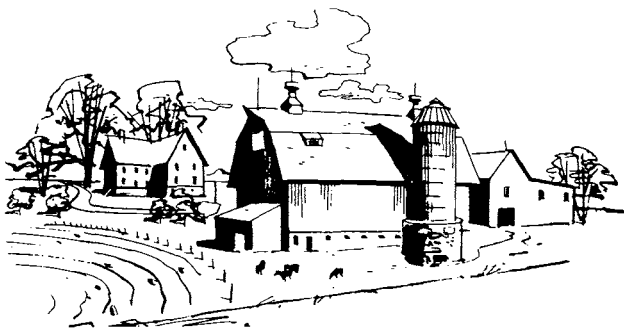
Name

999 Date

Telephone

Area code

Number



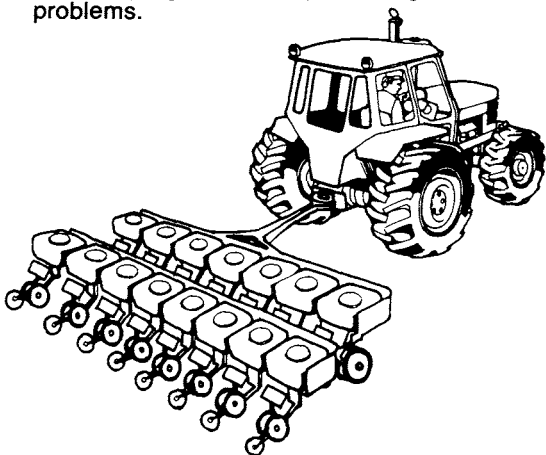
Why a Census?

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.

1986 "Short" Form Pretest Report Form 86-A04

FORM 86-A04 (11-21-86) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

UNITED STATES CENSUS OF AGRICULTURE

BUREAU OF THE CENSUS
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.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

CENSUS USE ONLY

035 036 037 038
039 040 041 042

SECTION 1

1. During 1986, did you grow any crops or have any livestock or poultry or other agricultural products for home use or for sale? Examples: grains, hay, nursery and greenhouse crops, fruit, vegetables, cattle, hogs, sheep, poultry, goats, horses, bees, furbearing animals, fish in captivity, and other animal specialties. (Do not include crops or livestock on land rented to others.)

☐ YES — Please skip to section 2 ☐ NO — Go to item 2

2. Mark (X) the item(s) below that describes the addressee's relationship to agriculture and skip to section 10.

☐ Landlord only — rented land to others and had no separate crop or livestock operation. ☐ Never operated a farm or ranch.

☐ No longer operating — Sold farm or ranch or quit farming. ☐ Deceased.

☐ Land idle and not used for agriculture production in 1986. ☐ Other — Specify

SECTION 2 ACREAGE IN 1986 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

None Number of acres

1. All land owned 043

2. All 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) 044

3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below. 045

4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. 046

If the entry is zero please refer to the back of the cover letter.

5. Of the land you rented or leased to others, how many acres did you own? 053 Acres

6. In what county was the largest value of your agricultural products raised or produced? County name State

SECTION 3 LAND USE and IRRIGATION

• PART A — How were the ACRES in this place used in 1986?

None Number of acres

1. 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 crops. 787

2. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed.) 790

3. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland 796

4. All other cropland, woodland, house lots, wasteland, etc., not reported in items 1 through 3 above. 799

• PART B — IRRIGATION

None Number of acres irrigated

How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops. 680

SECTION 4 CROPS

• PART A — CROPS HARVESTED from "THIS PLACE" in 1986. (Do not include crops grown on land rented to others.)

	Acres harvested	Quantity harvested	Gross value of crops sold from "THIS PLACE"	
			Dollars	Cents
1. Alfalfa hay	103	104 Tons dry	782	00
2. Other hay — Specify kind	109	110 Tons dry	782	00
3. Corn for grain or seed	067	068 Bu.	773	00
4. Soybeans for beans	088	089 Bu.	775	00
5. Wheat for grain	073	074 Bu.	774	00
6. Tobacco — all types	094	095 Lbs.	781	00
7. Potatoes, Irish — (Do not include those grown for home use.)	097	098 Cwt.	785	00
8. Vegetables for sale (Do not include those grown for home use.)	375	10	783	00
9. Fruit orchards, citrus, vineyards, and nut trees	121	10	784	00
10. Other crops — For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name. (Report nursery and greenhouse crops in part B.)				

If more space is needed, use a separate sheet of paper.

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold from "THIS PLACE"	
				Dollars	Cents
			1	\$	00
			1	\$	00
			1	\$	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Berries for sale (pounds) — Specify	539	Field seeds and grass seeds (pounds)	770
Corn for silage or green chop (tons, green)	070	Oats for grain (bushels)	076
Cotton (bales)	091	Other crops (pounds) — Specify	752

• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1986

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1986	Acres in the open in 1986		Sales in 1986	
			Whole acres	Tenths	Dollars	Cents
			1	1/10	\$	00
			1	1/10	\$	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	479	Potted flowering plants	710
Cut flowers and cut florist greens	485	Foliage plants	707
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
		Other — Specify	506

PENALTY FOR FAILURE TO REPORT

CONTINUE ON REVERSE SIDE

SECTION 5 LIVESTOCK and POULTRY**• PART A — CATTLE and CALVES**

1. CATTLE and CALVES of all ages ☐ None
- a. BEEF COWS — Include beef heifers that had calved. ☐
- b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved. ☐

INVENTORY Number on this place Dec. 1, 1986	
803	Total
804	Beef cows
805	Milk cows

**• CATTLE and CALVES SOLD
FROM THIS PLACE IN 1986**

Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

2. Calves weighing less than 500 pounds ☐
3. Cattle, including calves weighing 500 pounds or more ☐

Number sold in 1986	Gross value of sales	
	Dollars	Cents
808	809	
	\$	00
810	811	
	\$	00

• PART B — HOGS and PIGS

1. HOGS and PIGS of all ages ☐ None
- a. HOGS and PIGS used or to be used for BREEDING ☐

INVENTORY Number on this place Dec. 1, 1986	
815	Total
816	Breeding

2. HOGS and PIGS SOLD from this place in 1986 ☐
3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding? ☐

Number sold in 1986	Gross value of sales	
	Dollars	Cents
820	821	
	\$	00
822	823	
	\$	00

• PART C — SHEEP and LAMBS

1. SHEEP and LAMBS of all ages ☐ None
- a. EWES 1 year old or older. ☐

INVENTORY Number on this place Dec. 1, 1986		NUMBER SOLD in 1986	
824	825		
826			

2. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1986? ☐

Gross value of sales	
Dollars	Cents
829	
\$	00

• PART D — POULTRY

1. HENS and PULLETS of laying age ☐ None
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 broilers.) ☐
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 — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)

INVENTORY Number on this place Dec. 1, 1986		Total number sold in 1986
892	893	
894	895	
896		
898	899	
900	901	
	1	
	1	

Poultry name _____ Code _____

Poultry name _____ Code _____

Name	Code	Name	Code	Name	Code
Turkey hens kept for breeding	902	Geese	906	Quail	912
Ducks	904	Pigeons or squab	908	All other poultry — Specify	914
		Pheasants	910		

6. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1986? ☐

Gross value of sales	
Dollars	Cents
918	
\$	00

• PART E — HORSES, OTHER LIVESTOCK, FISH, and ANIMAL SPECIALTIES

1. Horses and ponies of all ages ☐ None
2. All other livestock, aquaculture, or livestock products. (Enter name and code from list below.)

Name _____ Code _____

Name _____ Code _____

INVENTORY Number on this place Dec. 1, 1986		Total quantity sold in 1986	Gross value of sales	
830	831	832	Dollars	Cents
		Number	\$	00
		2		
		Number	\$	00
		2		
		Number	\$	00
		2		

Name	Code	Name	Code	Name	Code
Colonies of bees	839	Mules, burros, donkeys	833	Catfish	860
Milk goats	843	Mink and their pelts	836	Trout	863
Angora goats	847	Rabbits and their pelts	854	Other fish — Specify	866
Other goats	851	Other livestock and products — Specify	857	Other aquaculture products — Specify	869

SECTION 6 GOVERNMENT CCC LOANS

Amount received in 1986 from Government CCC loans. Include regular and reserve loans, even if redeemed or forfeited.

None		Dollars	Cents
Specify crop	<input type="checkbox"/>	\$	00

SECTION 7 Payments received for participation in FEDERAL FARM PROGRAMS in 1986 (DO NOT INCLUDE CCC loans.)

None		Dollars	Cents
1. Amount received in cash	<input type="checkbox"/>	884	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	<input type="checkbox"/>	885	00

SECTION 8 Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1986

None		Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	<input type="checkbox"/>	882
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	<input type="checkbox"/>	883

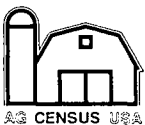
SECTION 9 CHARACTERISTICS and OCCUPATION OF OPERATOR (Senior partner or person in charge)

1. RESIDENCE — Does the operator live on this place? ☐ Yes ☐ No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1986? For partnerships consider all members of the partnership together. ☐ Farming ☐ Other or ranching
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.) ☐ None ☐ 1–49 days ☐ 50–99 days ☐ 100–149 days ☐ 150–199 days ☐ 200 days or more
4. In what YEAR did the operator begin to operate any part of this place? _____ Year
5. AGE of operator _____ Years old
6. RACE of operator ☐ White ☐ Negro or Black ☐ American Indian ☐ Asian or Pacific Islander ☐ Other — Specify
7. SEX of operator ☐ Male ☐ Female
8. SPANISH ORIGIN — Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? ☐ Yes ☐ No

SECTION 10 PERSON COMPLETING THIS REPORT — Please print

Name	999	Date
Telephone number	Area code	Number

1987 Census of Agriculture Report Form 87-A0210

DUE BY FEBRUARY 1, 1988		OMB NO 0607-0534 Approval Expires September 30, 1989																																																					
FORM 87-A0210 (9-4-86)		U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS																																																					
																																																							
UNITED STATES CENSUS OF AGRICULTURE																																																							
Please complete this form and RETURN TO		BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, IN 47133																																																					
Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, 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.		<table border="1"><tr><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>A</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		A												A																																							
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035	036	037	038																																																				
039	040	041	042																																																				
Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.																																																							
SECTION 1 ACREAGE IN 1987 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc. <i>If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.</i>																																																							
S1	<table border="1"><thead><tr><th>None</th><th>Number of acres</th></tr></thead><tbody><tr><td></td><td>043</td></tr><tr><td></td><td>044</td></tr><tr><td></td><td>045</td></tr><tr><td></td><td>046</td></tr></tbody></table>			None	Number of acres		043		044		045		046																																										
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1. All land owned <input type="checkbox"/> None																																																							
2. All 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below. <input type="checkbox"/>																																																							
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below. <input type="checkbox"/>																																																							
4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. → <table border="1"><tr><td>046</td></tr></table>				046																																																			
046																																																							
<i>For this census report these are the acres in "THIS PLACE."</i> <i>If the entry is zero please refer to the INFORMATION SHEET, section 1.</i>																																																							
5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.																																																							
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a. Of the land you rented or leased to others, how many acres did you own? <input type="checkbox"/> None 053 _____ Acres																																																							
7. Did you have any grazing permits on a per-head basis? 054 <table border="1"><tr><td><input type="checkbox"/> Yes — Mark (X) all boxes which apply ...</td><td><input type="checkbox"/> Forest Service</td></tr><tr><td><input type="checkbox"/> No — Go to item 8</td><td><input type="checkbox"/> Taylor Grazing Sec. 3 (BLM)</td></tr><tr><td></td><td><input type="checkbox"/> Indian Land</td></tr><tr><td></td><td><input type="checkbox"/> Other — Specify, _____</td></tr></table>				<input type="checkbox"/> Yes — Mark (X) all boxes which apply ...	<input type="checkbox"/> Forest Service	<input type="checkbox"/> No — Go to item 8	<input type="checkbox"/> Taylor Grazing Sec. 3 (BLM)		<input type="checkbox"/> Indian Land		<input type="checkbox"/> Other — Specify, _____																																												
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8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"																																																							
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b. If you also had agricultural operations in other county(ies), enter the county name(s), etc.																																																							
INSTRUCTIONS — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT include crops grown on land rented to others.																																																							
SECTION 2 Were any of the following CROPS harvested from "THIS PLACE" in 1987?																																																							
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SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987? Include sorghum-sudan crosses and hay cut from pastures.																																																							
S3 <input type="checkbox"/> YES — Complete this section <input type="checkbox"/> NO — Go to section 4																																																							
If cuttings were made for both dry hay and grass silage, hayload, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.																																																							
1. DRY HAY (If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.) a. Alfalfa and alfalfa mixtures for hay or dehydrating b. Small grain hay — oats, wheat, barley, rye, etc. c. Other tame dry hay — clover, timothy, Sudangrass, fescue, crested wheatgrass, etc. d. Wild hay																																																							
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP (If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)																																																							
3. HAY SOLD — Did you sell any hay or grass silage in 1987? (Report value of hay sold in section 9, item 2)																																																							
118 <input type="checkbox"/> Yes <input type="checkbox"/> No																																																							

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.)

- 54 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 5

	Acres		Acres irrigated	
	Whole acres	Tenths	Whole acres	Tenths
1. Land from which vegetables were harvested in 1987	375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987.
If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested	Acres irrigated
Peas, green	441	/10	442 /10
Sweet corn	461	/10	462 /10
		/10	/10
		/10	/10
		/10	/10
		/10	/10
		/10	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Celery	401	Peppers, hot	445
Beans, green lima	429	Cucumbers and pickles	411	Pumpkins	449
Beans, snap (bush and pole)	381	Eggplant	415	Radishes	451
Beets	383	Garlic	421	Rhubarb	453
Broccoli	385	Honeydew melons	423	Spinach	457
Cabbage, head	391	Lettuce and romaine	427	Squash	459
Cantaloups and muskmelons	395	Mustard greens	431	Tomatoes	463
Carrots	397	Onions, dry	433	Turnips	465
Cauliflower	399	Onions, green	435	Watermelons	473
		Peppers, sweet	443	Other vegetables — Specify	475

SECTION 5 Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on "THIS PLACE" in 1987?

- 55 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 6

	Area irrigated	
	Square feet	Acres
1. Nursery and greenhouse crops irrigated in 1987	477	478 /10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	/10	\$	00
			1	/10	\$	00
			1	/10	\$	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (Include vegetable plants)	479	Potted flowering plants	710
Bulbs (Exclude bulb flowering plants)	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
Foliage plants	707	Greenhouse vegetables	503
		Other — Specify	506

SECTION 8 Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES, on "THIS PLACE" in 1987?

- 58 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 9

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. (Do not include abandoned acres.)

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF --		Acres in trees and vines of all ages		Quantity harvested	Unit of measure Mark one				Lbs. per box
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes		
Apples	123		124	125	/10	126	127	1	2	3	128
Sweet cherries	345		346	347	/10	348	349	1	2	3	350
Tart cherries	587		588	589	/10	590	591	1	2	3	592
Pears	231		232	233	/10	234	235	1	2	3	236
			1	2	/10	3	4	1	2	3	5
			1	2	/10	3	4	1	2	3	5

If more space is needed, use a separate sheet of paper.

FORM 87-A0210 (9-4-86)

SECTION 6 Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1987? (Do not include those grown for home use.)

- 56 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 7

From the list below, enter the crop name and code. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
			/10	1	2	/10
			/10	1	2	/10
			/10	1	2	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	509	Loganberries (pounds)	530
Blueberries, tame (pounds)	512	Raspberries (pounds)	533
Boysenberries (pounds)	518	Strawberries (pounds)	536
Cranberries (100-lb. barrels)	521	Other berries (pounds) — Specify	539
Currants (pounds)	524		

SECTION 7 Were any OTHER CROPS harvested from "THIS PLACE" in 1987 — small grains, field seeds, hops, sorghum, sunflower seed, or other crops not previously reported? (Report fruit in section 8.)

- 57 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 8

From the list below, enter the crop name and code. Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
			1	2
			1	2
			1	2
			1	2
			1	2

If more space is needed, use a separate sheet of paper.

Field seeds (grass, legume, etc.)	Code	Other crops	Code
Alfalfa seed (pounds)	542	Corn cut for dry fodder, hogged or grazed (report acres only)	581
Aisike clover seed (pounds)	545	Dill for oil (pounds)	586
Bentgrass seed (pounds)	560	Dry lima beans (hundredweight)	557
Bromegrass seed (pounds)	569	Grains, mixed (bushels)	614
Crimson clover seed (pounds)	593	Hops (pounds)	623
Fescue seed (pounds)	602	Mustard seed (pounds)	650
Kentucky bluegrass seed (pounds)	629	Popcorn (pounds, shelled)	662
Orchardgrass seed (pounds)	653	Rapeseed (pounds)	668
Red clover seed (pounds)	671	Rye for grain (bushels)	686
Ryegrass seed (pounds)	689	Safflower (pounds)	692
Timothy seed (pounds)	746	Sunflower seed (pounds)	734
Vetch seed (pounds)	755	Sorghum for grain or seed (bushels)	082
Wheatgrass seed (pounds)	758	Sorghum for silage or green chop (Do not include sorghum-sudan crosses) (tons, green)	085
White clover seed (pounds)	761	Soybeans for beans (bushels)	088
Other field seeds (pounds) — Specify	770	Sugar beets for seed (pounds)	718
		Sweet corn for seed (pounds)	740
		Triticale (bushels)	749
		Other crops (pounds) — Specify	752

Crop name	Code
Apricots	129
Grapes	177
Filberts and hazelnuts	327
Nectarines	201
Peaches	225
Plums and prunes	243
Walnuts, English	357
Other fruit and nuts — Specify	369

SECTION 9 GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, section 9.)
 S9 Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1987	<input type="checkbox"/>	773	00
a. Corn for grain	<input type="checkbox"/>	774	00
b. Wheat	<input type="checkbox"/>	775	00
c. Soybeans	<input type="checkbox"/>	776	00
d. Sorghum for grain	<input type="checkbox"/>	777	00
e. Barley	<input type="checkbox"/>	778	00
f. Oats	<input type="checkbox"/>	779	00
g. Other — rye, dry beans, dry peas, lentils, mustard seed, sunflower seed, etc.	<input type="checkbox"/>	782	00
2. Hay, silage, field seeds, and grass seeds	<input type="checkbox"/>	783	00
3. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweet potatoes, report them in item 5 below.)	<input type="checkbox"/>	784	00
4. Fruits, nuts, and berries — apples, cherries, pears, grapes, filberts, strawberries, etc.	<input type="checkbox"/>	785	00
5. Other crops — sugar beets, mint for oil, hops, potatoes, etc. (Do not include nursery and greenhouse crops.) —	<input type="checkbox"/>		00
Specify			

SECTION 10 How were the ACRES in this place USED in 1987?
 S10

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 _____ Acres
NOTE: For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."

2. **CROPLAND**

	None	Number 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 crops.	<input type="checkbox"/>	787
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.	<input type="checkbox"/>	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	<input type="checkbox"/>	789
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.)	<input type="checkbox"/>	790
e. Cropland in cultivated summer fallow	<input type="checkbox"/>	791
f. Cropland idle	<input type="checkbox"/>	793
3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.		794
a. Woodland pastured	<input type="checkbox"/>	795
b. Woodland not pastured	<input type="checkbox"/>	796
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture.	<input type="checkbox"/>	797
5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported in items 2 through 4 above.	<input type="checkbox"/>	798
6. TOTAL ACRES — Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)		

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1987?
 S11 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.

1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 12

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.	<input type="checkbox"/>	680
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	<input type="checkbox"/>	681

SECTION 12 Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?
 S12

1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 13

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	<input type="checkbox"/>	682
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	<input type="checkbox"/>	683

SECTION 13 Did you or anyone else have any CATTLE or CALVES on this place in 1987?
 S13

1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 14

• **DECEMBER 31, 1987 INVENTORY**

	None	INVENTORY Number on this place Dec. 31, 1987
1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)	<input type="checkbox"/>	803
a. BEEF COWS — Include beef heifers that had calved.	<input type="checkbox"/>	804
b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved.	<input type="checkbox"/>	805
c. HEIFERS AND HEIFER CALVES — (Do not include heifers that had calved.)	<input type="checkbox"/>	806
d. STEERS, STEER CALVES, BULLS, AND BULL CALVES	<input type="checkbox"/>	807

• **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987**
 Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales
			Dollars Cents
2. Calves weighing less than 500 pounds	<input type="checkbox"/>	808	809
3. Cattle, including calves weighing 500 pounds or more	<input type="checkbox"/>	810	811
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	<input type="checkbox"/>	812	813
			00

• **DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987**

	None	DAIRY PRODUCTS Gross value of sales
		Dollars Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — Include milk, cream, butter, etc.	<input type="checkbox"/>	814
		00

SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1987?
 S14

1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 15

• **DECEMBER 31, 1987 INVENTORY**

	None	INVENTORY Number on this place Dec. 31, 1987
1. HOGS and PIGS of all ages (Total of a and b below)	<input type="checkbox"/>	815
a. HOGS and PIGS used or to be used for BREEDING	<input type="checkbox"/>	816
b. OTHER HOGS and PIGS	<input type="checkbox"/>	817

• **LITTERS FARROWED**

	None	Number of litters
2. LITTERS FARROWED on this place between —		818
a. December 1, 1986 and May 31, 1987	<input type="checkbox"/>	
b. June 1, 1987 and November 30, 1987	<input type="checkbox"/>	819

• **HOGS AND PIGS SOLD**

	None	Number sold in 1987	Gross value of sales
			Dollars Cents
3. HOGS and PIGS SOLD from this place in 1987	<input type="checkbox"/>	820	821
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	<input type="checkbox"/>	822	823
			00

SECTION 15 Did you or anyone else have any SHEEP or LAMBS on this place in 1987?
 S15

1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 16

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	<input type="checkbox"/>	824	825
a. EWES 1 year old or older	<input type="checkbox"/>	826	

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. SHEEP and LAMBS SHORN	<input type="checkbox"/>	827	828

	None	Gross value of sales
		Dollars Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	<input type="checkbox"/>	829
		00

SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

S16 1 ☐ YES — Complete this section 2 ☐ NO — Go to section 17

	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales	
			Dollars	Cents
1. Horses and ponies of all ages	830	831	832	
		Number	\$	00
2. Colonies of bees	839	840	842	
		Number	\$	00
3. Milk goats	843	844	846	
		Number	\$	00
4. Angora goats	847	848	850	
		Number	\$	00
5. Other goats	851	852	853	
		Number	\$	00
6. Mules, burros, and donkeys	833	834	835	
		Number	\$	00
7. Mink and their pelts	836	837	838	
		Number	\$	00
8. Rabbits and their pelts	854	855	856	
		Number	\$	00
9. All other livestock and livestock products	857	858	859	
		Number	\$	00

Specify _____

Name	Code	Name	Code
Trout	863	Other aquaculture products — Specify	869

If more space is needed, use a separate sheet of paper.

SECTION 17 Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987? — Include poultry grown for others on a contract basis.

S17 1 ☐ YES — Complete this section 2 ☐ NO — Go to section 18

	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987
1. HENS and PULLETS of laying age		
2. PULLETS for laying flock replacement		
a. PULLETS 3 months old or older not yet of laying age	894	895
b. PULLET CHICKS and PULLETS under 3 months old (Do not include commercial broilers.)	896	
3. BROILERS, fryers, and other meat-type chickens including capons and roasters	898	899
4. TURKEYS		
a. Turkeys for slaughter (Do not include breeders.)	900	901
b. Turkey HENS kept for breeding	902	903
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)		
Poultry name _____ Code _____		
Poultry name _____ Code _____		

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry — Specify	914

6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. — None _____

Specify kind of poultry _____

7. Incubator egg capacity on December 31, 1987 . . . _____

	Gross value of sales	
	Dollars	Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	916	917
	\$	00

SECTION 18 GOVERNMENT CCC LOANS

S18

1. Amount received in 1987 from Government CCC loans for — None _____

Include regular and reserve loans, even if redeemed or forfeited.

	Dollars	Cents
a. Corn	886	00
b. Wheat	887	00
c. Soybeans	888	00
d. Sorghum, barley, and oats	889	00
e. Rye and honey	891	00

SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.) Refer to INFORMATION SHEET, section 19.

S19

1. Amount received in cash None _____

2. Value of certificates received — payment-in-kind (PIK) or commodity certificates None _____

SECTION 20 TYPE OF ORGANIZATION

S20

Mark (X) the one item which best describes the type of organization for this place in 1987. Refer to the INFORMATION SHEET, section 20.

- FAMILY or INDIVIDUAL operation — (Do not include partnership and corporation.) 921 ☐ 1
- PARTNERSHIP operation — Include family partnerships 922 ☐ 2
- INCORPORATED UNDER STATE LAW 923 ☐ 3
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 924 ☐ 4

Specify _____

SECTION 21 CORPORATE STRUCTURE (for incorporated operations only)

S21

1. Is this a family-held corporation? 922 ☐ Yes ☐ No

2. Are there more than 10 stockholders? 923 ☐ Yes ☐ No

SECTION 22 CHARACTERISTICS AND OCCUPATION OF OPERATOR (senior partner or person in charge) Refer to the INFORMATION SHEET, section 22.

S22

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 923 ☐ Yes ☐ No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.) 924

- 1 ☐ Farming
- 2 ☐ Other or ranching

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 1987? — Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.) 925

- 1 ☐ None
- 2 ☐ 1–49 days
- 3 ☐ 50–99 days
- 4 ☐ 100–149 days
- 5 ☐ 150–199 days
- 6 ☐ 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? 926 _____ Year

5. AGE of operator (senior partner or person in charge) 927 _____ Years old

6. RACE of operator (senior partner or person in charge) 928

- 1 ☐ White
- 2 ☐ Negro or Black
- 3 ☐ American Indian
- 4 ☐ Asian or Pacific Islander
- 5 ☐ Other — Specify _____

7. SEX of operator (senior partner or person in charge) 929 ☐ Male ☐ Female

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 930 ☐ Yes ☐ No

SECTION 23 PRODUCTION EXPENSES paid by you and others for this place in 1987				SECTION 25 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?																		
S23				S25																		
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 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.)				1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 26 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. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	None	Dollars	Cents	1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control —	None	Acres on which used																
<input type="checkbox"/> \$ 971 00				a. Insects on crops, including hay	<input type="checkbox"/>	936																
2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.	<input type="checkbox"/>	\$ 972	00	b. Nematodes in crops	<input type="checkbox"/>	937																
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes.	<input type="checkbox"/>	\$ 973	00	c. Diseases in crops and orchards (blights, smuts, rusts, etc.)	<input type="checkbox"/>	938																
(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)	<input type="checkbox"/>	\$ 974	00	d. Weeds, grass, or brush in crops and pasture — Include both pre-emergence and post emergence.	<input type="checkbox"/>	939																
3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — Include plants and trees purchased.	<input type="checkbox"/>	\$ 975	00	2. Chemicals for defoliation or for growth control of crops or thinning of fruit	<input type="checkbox"/>	940																
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. Include cost of custom applications.	<input type="checkbox"/>	\$ 976	00	SECTION 26 MACHINERY AND EQUIPMENT on this place on December 31, 1987 — Include only equipment used for agricultural operations in 1986 or 1987.																		
5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications. (Do not include lime.)	<input type="checkbox"/>	\$ 977	00	• Value of ALL machinery and equipment on this place, December 31, 1987																		
6. Gasoline and other petroleum fuel and oil purchased for the farm business —				1. What is the estimated market value of ALL machinery, 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 milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.																		
a. Gasoline and gasohol	<input type="checkbox"/>	\$ 978	00	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Estimated market value</th> </tr> <tr> <th style="width: 60%; text-align: center; padding: 2px;">Dollars</th> <th style="width: 40%; text-align: center; padding: 2px;">Cents</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">943</td> <td style="text-align: center; padding: 2px;">00</td> </tr> </tbody> </table>			Estimated market value		Dollars	Cents	943	00										
Estimated market value																						
Dollars	Cents																					
943	00																					
b. Diesel fuel	<input type="checkbox"/>	\$ 979	00	• SELECTED machinery and equipment on this place, December 31, 1987. (Report only if used in 1986 or 1987.)																		
c. Natural gas	<input type="checkbox"/>	\$ 980	00	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; text-align: left; padding: 2px;">Total number on this place on December 31, 1987</th> <th style="width: 70%; text-align: left; padding: 2px;">Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">944</td> <td style="text-align: center; padding: 2px;">945</td> </tr> <tr> <td style="text-align: center; padding: 2px;">946</td> <td style="text-align: center; padding: 2px;">947</td> </tr> <tr> <td style="text-align: center; padding: 2px;">948</td> <td style="text-align: center; padding: 2px;">949</td> </tr> <tr> <td style="text-align: center; padding: 2px;">950</td> <td style="text-align: center; padding: 2px;">951</td> </tr> <tr> <td style="text-align: center; padding: 2px;">956</td> <td style="text-align: center; padding: 2px;">957</td> </tr> <tr> <td style="text-align: center; padding: 2px;">958</td> <td style="text-align: center; padding: 2px;">959</td> </tr> <tr> <td style="text-align: center; padding: 2px;">960</td> <td style="text-align: center; padding: 2px;">961</td> </tr> </tbody> </table>			Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?	944	945	946	947	948	949	950	951	956	957	958	959	960	961
Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?																					
944	945																					
946	947																					
948	949																					
950	951																					
956	957																					
958	959																					
960	961																					
d. LP gas, fuel oil, kerosene, motor oil, grease, etc.	<input type="checkbox"/>	\$ 981	00	2. Motortrucks — Include pickups																		
7. Electricity for the farm business — (Do not include household expenses.)	<input type="checkbox"/>	\$ 982	00	3. Wheel tractors other than garden tractors and motor tillers —																		
8. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET)	<input type="checkbox"/>	\$ 983	00	a. Less than 40 horsepower (PTO)																		
9. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.	<input type="checkbox"/>	\$ 984	00	b. 40 horsepower (PTO) or more																		
10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	<input type="checkbox"/>	\$ 985	00	4. Grain and bean combines, all types																		
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. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)	<input type="checkbox"/>	\$ 986	00	5. Cotton pickers and strippers																		
12. Interest paid on debts — (See INFORMATION SHEET)				6. Mower conditioners																		
a. Secured by real estate	<input type="checkbox"/>	\$ 987	00	7. Pickup balers — Include rectangle and round balers																		
b. Not secured by real estate	<input type="checkbox"/>	\$ 988	00	SECTION 27 ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS																		
13. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.)	<input type="checkbox"/>	\$ 989	00	Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.																		
14. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)	<input type="checkbox"/>	\$ 990	00	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Estimated market value of land and buildings</th> </tr> <tr> <th style="width: 60%; text-align: center; padding: 2px;">Dollars</th> <th style="width: 40%; text-align: center; padding: 2px;">Cents</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">996</td> <td style="text-align: center; padding: 2px;">00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">997</td> <td style="text-align: center; padding: 2px;">00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">998</td> <td style="text-align: center; padding: 2px;">00</td> </tr> </tbody> </table>			Estimated market value of land and buildings		Dollars	Cents	996	00	997	00	998	00						
Estimated market value of land and buildings																						
Dollars	Cents																					
996	00																					
997	00																					
998	00																					
15. All other production expenses — Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)	<input type="checkbox"/>	\$ 991	00	1. All land owned																		
SECTION 24 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?				2. All land rented or leased FROM OTHERS																		
S24 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 25				3. All land rented or leased TO OTHERS																		
1. Acres of cropland fertilized in 1987 — (Do not include cropland for pastures reported in section 10, item 2b.)	<input type="checkbox"/>	None	Acres fertilized	SECTION 28 INCOME FROM FARM-RELATED SOURCES in 1987																		
2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4	<input type="checkbox"/>	None	Acres fertilized	Report amount received before taxes and expenses.																		
3. LIME — tons of lime used and acres on which applied — (Do not include land plaster or gypsum or lime for sanitation.)	<input type="checkbox"/>	None	Acres limed	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left; padding: 2px;">Farm-related income</th> </tr> <tr> <th style="width: 60%; text-align: center; padding: 2px;">Dollars</th> <th style="width: 40%; text-align: center; padding: 2px;">Cents</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 2px;">992</td> <td style="text-align: center; padding: 2px;">00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">993</td> <td style="text-align: center; padding: 2px;">00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">994</td> <td style="text-align: center; padding: 2px;">00</td> </tr> <tr> <td style="text-align: center; padding: 2px;">995</td> <td style="text-align: center; padding: 2px;">00</td> </tr> </tbody> </table>			Farm-related income		Dollars	Cents	992	00	993	00	994	00	995	00				
Farm-related income																						
Dollars	Cents																					
992	00																					
993	00																					
994	00																					
995	00																					
SECTION 29 PERSON COMPLETING THIS REPORT — Please print				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 28)																		
Name _____ Date _____				2. 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 per-head basis, per-month basis, per-pound basis, etc.																		
Telephone number _____ Area Code _____ Number _____				3. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc.																		
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place — Specify _____				4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place — Specify _____																		

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:

- 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 else
- 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, 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.

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.

Section 2 Were any of the following CROPS harvested from "THIS PLACE" in 1987?				
S2	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton	<input type="checkbox"/>	091	092 Bales	093
2. Soybeans for beans	<input type="checkbox"/>	088 40	089 1,550 Bu.	090 40
3. Wheat for grain	<input type="checkbox"/>	073 40	074 1,230 Bu.	075
4. Oats for grain	<input type="checkbox"/>	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.

► 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:

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

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 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.

► 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 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. 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, poult, 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 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.

Form 87-A01(I)

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,

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.

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

Penalty for Private Use, \$300

PRESORTED FIRST-CLASS MAIL
POSTAGE & FEES PAID
CENSUS
PERMIT No. G-58

(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

Followup Letter Form 87-A01(L3)

**87-A01(L3)
(1987)**



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

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
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
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.

Followup Letter Form 87-A01(L5)

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,

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.

Followup Letter Form 87-A01(L6)

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,

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.

Followup Letter Form 87-A01(L7)

87-A01(L7)
(1987)



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:

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

Sincerely,

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.

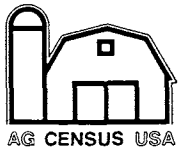
No department, bureau, agency, officer, or employee of the Government, except the Secretary in carrying out the purposes of this title, shall require, for any reason, copies of census reports which have been retained by any such establishment or individual. Copies of census reports which have been so 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.

DUE BY FEBRUARY 1, 1988

OMB No. 0607-0534: Approval Expires September 30, 1989

FORM 87-A0400 (3-13-87)		U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS		NOTICE — Response to this inquiry is required by title 13, U.S.C. By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.					
		UNITED STATES CENSUS OF AGRICULTURE		In correspondence pertaining to this report, please refer to your Census File Number (CFN)					
				87-A0400					
Please complete this form and RETURN TO		BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, IN 47133							
Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, 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.		A		A					
CENSUS USE ONLY		035		036		037		038	
		039		040		041		042	
SECTION 1									
1. At any time during 1987, did you plant, grow, or have any: <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Hay or tobacco? <input type="checkbox"/> Corn, wheat, or other grains? <input type="checkbox"/> Other crops?</div><div><input type="checkbox"/> Fruit, nut, or citrus trees; grapevines? <input type="checkbox"/> Vegetables, melons, or berries? <input type="checkbox"/> Greenhouse or nursery crops?</div></div> <div style="display: flex; justify-content: center; gap: 20px;"><input type="checkbox"/> Yes<input type="checkbox"/> No</div>									
2. At any time during 1987, did you raise, sell, or keep any: <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Cattle, hogs, sheep, or goats? <input type="checkbox"/> Chickens or other poultry? <input type="checkbox"/> Bees?</div><div><input type="checkbox"/> Horses or ponies? <input type="checkbox"/> Fish in captivity? <input type="checkbox"/> Other animal specialties?</div></div> <div style="display: flex; justify-content: center; gap: 20px;"><input type="checkbox"/> Yes<input type="checkbox"/> No</div>									
If you answered YES to EITHER of these questions, go to SECTION 2. If you answered NO to BOTH of these questions, go to SECTION 10.									
SECTION 2 ACREAGE IN 1987 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.									
None		Number of acres							
1. All land owned		<input type="checkbox"/>		043					
2. All 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.)		<input type="checkbox"/>		044					
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.		<input type="checkbox"/>		045					
4. Acres in "THIS PLACE" — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space.		<input type="checkbox"/>		046					
If the entry is zero please refer to the Information Sheet, section 2.									
5. Of the land you rented or leased to others, how many acres did you own?		<input type="checkbox"/> None		053		Acres			
6. In what county was the largest value of your agricultural products raised or produced?		County name		State					
SECTION 3 LAND USE AND IRRIGATION									
• PART A — How were the ACRES in this place used in 1987?									
None		Number of acres							
1. 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 crops.		<input type="checkbox"/>		787					
2. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed.)		<input type="checkbox"/>		790					
3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow		<input type="checkbox"/>		793					
4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland		<input type="checkbox"/>		796					
5. All other woodland, wasteland, houselots, etc. not reported in items 1 through 4 above		<input type="checkbox"/>		797					
• PART B — IRRIGATION									
None		Number of acres irrigated							
1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.		<input type="checkbox"/>		880					
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?		<input type="checkbox"/>		881					
SECTION 4									
• PART A — CROPS HARVESTED FROM "THIS PLACE" in 1987. (Do not include crops grown on land rented to others.)									
1. Hay crops —		None		Acres harvested		Quantity harvested		Gross value of crops sold	
a. Alfalfa and alfalfa mixtures		<input type="checkbox"/>		103		104 Tons, dry		782 \$ 00	
b. Small grain hay		<input type="checkbox"/>		106		107 Tons, dry		782 \$ 00	
c. Wild hay		<input type="checkbox"/>		112		113 Tons, dry		782 \$ 00	
d. Other hay — Specify kind		<input type="checkbox"/>		109		110 Tons, dry		782 \$ 00	
2. Corn for grain or seed		<input type="checkbox"/>		067		068 Bu.		773 \$ 00	
3. Soybeans for beans		<input type="checkbox"/>		088		089 Bu.		775 \$ 00	
4. Wheat for grain		<input type="checkbox"/>		073		074 Bu.		774 \$ 00	
5. Tobacco — all types		<input type="checkbox"/>		094		095 Lbs.		781 \$ 00	
6. Potatoes, Irish — (Do not include those grown for home use.)		<input type="checkbox"/>		087		098 Cwt.		785 \$ 00	
7. All vegetables for sale (Do not include those grown for home use.)		<input type="checkbox"/> None		Total acres		Dollars		Cents	
Specify kind(s)		<input type="checkbox"/>		375		783 \$		00	
		<input type="checkbox"/>		/10					
		<input type="checkbox"/>		/10					
		<input type="checkbox"/>		/10					
8. All fruit and nut orchards, vineyards, and berries		<input type="checkbox"/> None		Total acres		Quantity harvested		Dollars	
Specify kind(s)		<input type="checkbox"/>		121		/10 Lbs.		784 \$ 00	
		<input type="checkbox"/>		/10					
		<input type="checkbox"/>		/10					
		<input type="checkbox"/>		/10					
9. Other crops — For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.									
Crop name		Code		Acres harvested		Quantity harvested		Gross value of crops sold	
								Dollars	
								Cents	
• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987									
From the list below, enter the crop name and code for each crop grown.									
Crop name		Code		Square feet under glass or other protection		Acres in the open in 1987		Sales in 1987	
						Whole acres		Tenths	
								Doll	

SECTION 5 LIVESTOCK and POULTRY				PART E - HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH																					
PART A - CATTLE and CALVES				1. Horses and ponies of all ages <input type="checkbox"/>																					
1. CATTLE and CALVES of all ages <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INVENTORY Number on this place Dec. 31, 1987</th> </tr> <tr> <td style="width: 50%; text-align: center;">803</td> <td style="width: 50%; text-align: center;">Total</td> </tr> <tr> <td style="text-align: center;">804</td> <td style="text-align: center;">Beef cows</td> </tr> <tr> <td style="text-align: center;">805</td> <td style="text-align: center;">Milk cows</td> </tr> </table>		INVENTORY Number on this place Dec. 31, 1987		803	Total	804	Beef cows	805	Milk cows	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">814 Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Gross value of sales		814 Dollars	Cents	\$	00	2. Colonies of bees <input type="checkbox"/>					
INVENTORY Number on this place Dec. 31, 1987																									
803	Total																								
804	Beef cows																								
805	Milk cows																								
Gross value of sales																									
814 Dollars	Cents																								
\$	00																								
a. BEEF COWS - Include beef heifers that had calved. <input type="checkbox"/>		b. MILK COWS kept for production of milk or cream for sale or home use - Include dry milk cows and milk heifers that had calved. <input type="checkbox"/>		3. Milk goats <input type="checkbox"/>																					
2. Value of DAIRY PRODUCTS sold in 1987 - Include milk, cream, butter, etc. <input type="checkbox"/>				4. Angora goats <input type="checkbox"/>																					
• CATTLE and CALVES SOLD FROM THIS PLACE IN 1987 Include as sold cattle moved from this place to a feedlot for further feeding.				5. Other livestock, fish, animal products. (Enter name/code from below.)																					
3. Calves less than 500 pounds <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Number sold in 1987</th> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">808</td> <td style="width: 50%; text-align: center;">809</td> <td style="width: 50%; text-align: center;">Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Number sold in 1987		Gross value of sales		808	809	Dollars	Cents	\$	00	\$	00	Name _____ Code _____									
Number sold in 1987		Gross value of sales																							
808	809	Dollars	Cents																						
\$	00	\$	00																						
4. Cattle - Include calves 500 pounds or more <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Number sold in 1987</th> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">810</td> <td style="width: 50%; text-align: center;">811</td> <td style="width: 50%; text-align: center;">Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Number sold in 1987		Gross value of sales		810	811	Dollars	Cents	\$	00	\$	00	Name/code _____ Name/code _____ Name/code _____ Mules, burros, donkeys ... 833 Rabbits and their pelts ... 854 Other livestock, fish, and their products ... 857 Mink and their pelts ... 836 Other goats ... 851									
Number sold in 1987		Gross value of sales																							
810	811	Dollars	Cents																						
\$	00	\$	00																						
a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER? <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Number sold in 1987</th> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">812</td> <td style="width: 50%; text-align: center;">813</td> <td style="width: 50%; text-align: center;">Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Number sold in 1987		Gross value of sales		812	813	Dollars	Cents	\$	00	\$	00	SECTION 6 GOVERNMENT CCC LOANS Amount received in 1987 from Government CCC loans. Include regular and reserve loans, even if redeemed or forfeited.									
Number sold in 1987		Gross value of sales																							
812	813	Dollars	Cents																						
\$	00	\$	00																						
PART B - HOGS and PIGS				None Dollars Cents 886 \$ 00																					
1. HOGS and PIGS of all ages <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INVENTORY Number on this place Dec. 31, 1987</th> </tr> <tr> <td style="width: 50%; text-align: center;">815</td> <td style="width: 50%; text-align: center;">Total</td> </tr> <tr> <td style="text-align: center;">816</td> <td style="text-align: center;">Breeding</td> </tr> </table>		INVENTORY Number on this place Dec. 31, 1987		815	Total	816	Breeding	Specify crop(s) _____		SECTION 7 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 (DO NOT INCLUDE CCC loans.)													
INVENTORY Number on this place Dec. 31, 1987																									
815	Total																								
816	Breeding																								
a. HOGS and PIGS used or to be used for breeding <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Number sold in 1987</th> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">820</td> <td style="width: 50%; text-align: center;">821</td> <td style="width: 50%; text-align: center;">Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Number sold in 1987		Gross value of sales		820	821	Dollars	Cents	\$	00	\$	00	None Dollars Cents 884 \$ 00 885 \$ 00									
Number sold in 1987		Gross value of sales																							
820	821	Dollars	Cents																						
\$	00	\$	00																						
2. HOGS and PIGS SOLD from this place in 1987 <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Number sold in 1987</th> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">822</td> <td style="width: 50%; text-align: center;">823</td> <td style="width: 50%; text-align: center;">Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Number sold in 1987		Gross value of sales		822	823	Dollars	Cents	\$	00	\$	00	SECTION 8 Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987									
Number sold in 1987		Gross value of sales																							
822	823	Dollars	Cents																						
\$	00	\$	00																						
3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding? <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INVENTORY Number on this place Dec. 31, 1987</th> <th colspan="2" style="text-align: center;">NUMBER SOLD in 1987</th> </tr> <tr> <td style="width: 50%; text-align: center;">824</td> <td style="width: 50%; text-align: center;">825</td> <td style="width: 50%; text-align: center;">826</td> <td style="width: 50%; text-align: center;">827</td> </tr> <tr> <td style="text-align: center;">828</td> <td style="text-align: center;">Pounds wool</td> <td style="text-align: center;">829</td> <td style="text-align: center;">Gross value of sales</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">Dollars</td> <td style="text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987		824	825	826	827	828	Pounds wool	829	Gross value of sales	\$	00	Dollars	Cents	\$	00	\$	00	None Number of acres 882 883	
INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987																							
824	825	826	827																						
828	Pounds wool	829	Gross value of sales																						
\$	00	Dollars	Cents																						
\$	00	\$	00																						
PART C - SHEEP and LAMBS				SECTION 9 CHARACTERISTICS and OCCUPATION of OPERATOR (Senior partner or person in charge)																					
1. SHEEP and LAMBS of all ages <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INVENTORY Number on this place Dec. 31, 1987</th> <th colspan="2" style="text-align: center;">NUMBER SOLD in 1987</th> </tr> <tr> <td style="width: 50%; text-align: center;">824</td> <td style="width: 50%; text-align: center;">825</td> <td style="width: 50%; text-align: center;">826</td> <td style="width: 50%; text-align: center;">827</td> </tr> <tr> <td style="text-align: center;">828</td> <td style="text-align: center;">Pounds wool</td> <td style="text-align: center;">829</td> <td style="text-align: center;">Gross value of sales</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">Dollars</td> <td style="text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987		824	825	826	827	828	Pounds wool	829	Gross value of sales	\$	00	Dollars	Cents	\$	00	\$	00	1. RESIDENCE - Does the operator live on this place? <input type="checkbox"/> Yes <input type="checkbox"/> No	
INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987																							
824	825	826	827																						
828	Pounds wool	829	Gross value of sales																						
\$	00	Dollars	Cents																						
\$	00	\$	00																						
a. EWES 1 year old or older. <input type="checkbox"/>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">829 Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Gross value of sales		829 Dollars	Cents	\$	00	2. PRINCIPAL OCCUPATION - At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.															
Gross value of sales																									
829 Dollars	Cents																								
\$	00																								
PART D - POULTRY				3. OFF-FARM WORK - How many days did the operator work at least 4 hours per day off this place in 1987? - Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)																					
1. HENS and PULLETS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">INVENTORY Number on this place Dec. 31, 1987</th> <th colspan="2" style="text-align: center;">NUMBER SOLD in 1987</th> </tr> <tr> <td style="width: 50%; text-align: center;">892</td> <td style="width: 50%; text-align: center;">893</td> <td style="width: 50%; text-align: center;">894</td> <td style="width: 50%; text-align: center;">895</td> </tr> <tr> <td style="text-align: center;">896</td> <td style="text-align: center;">897</td> <td style="text-align: center;">898</td> <td style="text-align: center;">899</td> </tr> <tr> <td style="text-align: center;">900</td> <td style="text-align: center;">901</td> <td style="text-align: center;">902</td> <td style="text-align: center;">903</td> </tr> </table>		INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987		892	893	894	895	896	897	898	899	900	901	902	903	4. In what YEAR did the operator begin to operate any part of this place? _____ Year					
INVENTORY Number on this place Dec. 31, 1987		NUMBER SOLD in 1987																							
892	893	894	895																						
896	897	898	899																						
900	901	902	903																						
a. HENS and PULLETS of laying age <input type="checkbox"/>		b. PULLETS 3 months old or older not yet of laying age for layer replacement <input type="checkbox"/>		5. AGE of operator _____ Years old																					
c. PULLETS under 3 months old for layer replacement <input type="checkbox"/>		2. BROILERS, fryers, other meat-type chickens <input type="checkbox"/>		6. RACE of operator																					
3. TURKEYS for slaughter (Do not include breeders.) <input type="checkbox"/>		4. OTHER POULTRY (Enter name/code from below.)		1 <input type="checkbox"/> White 2 <input type="checkbox"/> Negro or Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 5 <input type="checkbox"/> Other - Specify _____																					
Poultry name _____ Code _____		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Gross value of sales</th> </tr> <tr> <td style="width: 50%; text-align: center;">918 Dollars</td> <td style="width: 50%; text-align: center;">Cents</td> </tr> <tr> <td style="text-align: center;">\$</td> <td style="text-align: center;">00</td> </tr> </table>		Gross value of sales		918 Dollars	Cents	\$	00	7. SEX of operator <input type="checkbox"/> Male <input type="checkbox"/> Female															
Gross value of sales																									
918 Dollars	Cents																								
\$	00																								
Name/code _____ Name/code _____ Name/code _____ Turkey hens kept for breeding 902 Geese 906 Quail 912 Ducks 904 Pigeons or squab 908 All other poultry - Specify 914		8. SPANISH ORIGIN - Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? <input type="checkbox"/> Yes <input type="checkbox"/> No																							
5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987 <input type="checkbox"/>				SECTION 10 PERSON COMPLETING THIS REPORT - Please print																					
Name _____ Date _____				Telephone number _____ Area code _____ Number _____																					

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.

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:

- 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.

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 else
- 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.

Form 87-A04(I)

DO NOT INCLUDE:

- a. 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 "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, poultry, and animal specialties 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-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 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 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 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 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 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, beeswax, 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 — 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.

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.

Report Form 87-A0215, Citrus Caretakers

FORM **87-A0215**
(10-10-86)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

OMB No. 0607-0534; Approval Expires September 30, 1989



UNITED STATES CENSUS OF AGRICULTURE CITRUS CARETAKERS

CENSUS USE ONLY

035	036	037	038
039	040	041	042

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1 ACREAGE IN 1987

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

- All land owned (include land in citrus groves which you cared for or managed for others). List on a separate sheet of paper the name, address, and acreage for each grove owner. ☐ None ☐ Number of acres
- All land rented or leased FROM OTHERS, including land worked by you on shares. (DO NOT include land which you cared for or managed for others.) Also complete item 5 of this section ☐
- All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 of this section ☐
- Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the results in this space. 046

For this census report these are the acres in "THIS PLACE."

5. If you rented land FROM OTHERS (item 2) enter the following information for each landlord.

Name of landlord	Mailing address (Include ZIP Code)	Number of acres

List additional landlords in REMARKS section, page 4.

6. If you rented land TO OTHERS (item 3) enter the following information for each renter.

Name of renter	Mailing address (Include ZIP Code)	Number of acres

List additional renters in REMARKS section, page 4.

- a. Of the land you rented or leased to others, how many acres did you own? ☐ None ☐ 053 Acres

7. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

Principal county	County name	State	Number of acres
			056
Other counties			057
			058
			059

SECTION 2 ACRES IN CITRUS GROVES AND OTHER ORCHARDS OR GROVES IN 1987

- TOTAL ACRES in bearing and nonbearing citrus or other groves on this place. (DO NOT include abandoned acres.)
- Report the following information for each item even if not harvested because of low prices, damage from frost, wind, etc. For interplanted trees estimate the area covered by each kind of fruit.

Total acres	Acres irrigated
121 /10	122 /10

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees or vines of all ages	Quantity harvested (1986–87 season)	Unit of measure — Mark one			
		Nonbearing age	Bearing age			Lbs.	Tons	Boxes	Lbs. per box
1. Total oranges	297	298	299	10	300	301	2	3	302
Optional — Complete only if you find it helpful in computing "Total oranges"									
a. Valencia oranges				10					
b. Navel oranges				10					
c. Temple oranges				10					
d. Other oranges				10					
2. Grapefruit	267	268	269	10	270	271	2	3	272
3. Honey tangerines (murcotts)	291	292	293	10	294	295	2	3	296
4. Other tangerines	309	310	311	10	312	313	2	3	314
5. Tangelos	303	304	305	10	306	307	2	3	308
6. Other citrus — Specify	Name	1	2	10	3	4	2	3	5
		1	2	10	3	4	2	3	5
		1	2	10	3	4	2	3	5
7. Non-citrus fruit or nut trees or vines — Specify		1	2	10	3	4	2	3	5
		1	2	10	3	4	2	3	5

If more space is needed, use REMARKS section, page 4.

3. What was the gross value of sales of citrus and other fruits from this place in 1987? (Delivered-in value)

Gross value of sales	
Dollars	Cents
784	00

SECTION 3 Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on "THIS PLACE" in 1987?

- 1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 4

Area irrigated		
Square feet	Acres	Tenths
477	478	/10

1. Nursery and greenhouse crops irrigated in 1987 . . . ☐

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	2		
				/10	\$	00
			1	2		
				/10	\$	00
			1	2		
				/10	\$	00
			1	2		
				/10	\$	00

If more space is needed, use REMARKS section, page 4.

Crop name	Code	Crop name	Code
Bedding plants (Include vegetable plants) . . .	479	Potted flowering plants . . .	710
Bulbs (Exclude bulb flowering plants) . . .	482	Mushrooms . . .	494
Cut flowers and cut florist greens . . .	485	Sod harvested . . .	497
Nursery crops — ornamentals, fruit and nut trees, vines, and citrus seedlings . . .	488	Vegetable and flower seeds . . .	500
Foliage plants . . .	707	Greenhouse vegetables . . .	503
		Other — Specify . . .	506

SECTION 4 How were the ACRES in this place USED in 1987?

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 . . . Acres

NOTE: For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."

2. CROPLAND

a. Cropland harvested — Include all land in bearing and nonbearing citrus groves, orchards, vineyards, nursery and greenhouse crops, and land from which crops were harvested or hay was cut. ☐

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 groves and orchards on which the crop failed. Such acreage is to be reported in item 2a.) ☐

e. Cropland in cultivated summer fallow ☐

f. Cropland idle — Include abandoned grove acres ☐

3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.

a. Woodland pastured ☐

b. Woodland not pastured ☐

4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture. ☐

5. All other land — Land in house lots, ponds, roads, wasteland, etc. — Include any land not reported 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 5 Was any LAND in this place IRRIGATED at any time in 1987?

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.

- 1 ☐ YES — Complete this section
 2 ☐ NO — Go to section 6

None	Number of acres irrigated	
	Square feet	Acres
	680	
	681	

1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 4, item 2a. ☐

2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated? ☐

SECTION 6 INCOME FROM FARM-RELATED SOURCES IN 1987
 Report amount received before taxes and expenses.

1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (DO NOT include charges to grove owners whose land is a part of "THIS PLACE.")

Specify kind of work done ☐

2. 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 per-head basis, per-month basis, per-pound basis, etc. ☐

3. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc. ☐

4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place —

Specify ☐

	Farm-related income	
	Dollars	Cents
992	\$	00
993	\$	00
994	\$	00
995	\$	00

SECTION 7 TYPE OF ORGANIZATION

Mark (X) the one item which best describes the type of organization for this place in 1987.

- FAMILY OR INDIVIDUAL operation — (Do not include partnership and corporation.) 921 ☐ } Go to section 9
 • PARTNERSHIP operation — Include family partnerships 922 ☐ }
 • INCORPORATED UNDER STATE LAW 923 ☐ } Go to section 8
 • OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 924 ☐ } Specify below then go to section 9

Specify

SECTION 8 CORPORATE STRUCTURE (for incorporated operations only)

1. Is this a family-held corporation? 922 1 ☐ Yes 2 ☐ No
 2. Are there more than 10 stockholders? 923 3 ☐ Yes 4 ☐ No

SECTION 9 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge)

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 923 1 ☐ Yes 2 ☐ No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together 924 1 ☐ Farming 2 ☐ Other or ranching

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 1987? Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.) 925 1 ☐ None 2 ☐ 1–49 days 3 ☐ 50–99 days 4 ☐ 100–149 days 5 ☐ 150–199 days 6 ☐ 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? 926 _____ Year

5. AGE of operator (senior partner or person in charge) 927 _____ Years old

6. RACE of operator (senior partner or person in charge) 928 1 ☐ White 2 ☐ Negro or Black 3 ☐ American Indian 4 ☐ Asian or Pacific Islander 5 ☐ Other — Specify

7. SEX of operator (senior partner or person in charge) 929 1 ☐ Male 2 ☐ Female

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 930 1 ☐ Yes 2 ☐ No

SECTION 10 OTHER CROPS, LIVESTOCK, OR POULTRY — Were any CROPS other than citrus or nursery crops harvested from this place, or did you or anyone else have any LIVESTOCK OR POULTRY on this place in 1987? 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 11	SECTION 14 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1987 Include your best estimates of expenses paid by you in connection with the grove caretaking or management business. Do not include expenses connected with customwork performed for others, operation of nonfarm activities such as packing or processing, businesses or services, not related to the farm business.																																																																									
1. CROPS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Acres</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> 2. Livestock, poultry, etc. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Current inventory</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Name	Acres							Name	Current inventory							<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 15%;">Dollars</th> <th style="width: 15%;">Cents</th> </tr> </thead> <tbody> <tr><td>974</td><td> </td><td> </td></tr> <tr><td>1. Trees, seeds, bulbs, and plants purchased</td><td>\$</td><td>00</td></tr> <tr><td>2. Gasoline and other petroleum fuel and oil purchased for the farm business —</td><td> </td><td> </td></tr> <tr><td> a. Gasoline and gasohol</td><td>\$</td><td>00</td></tr> <tr><td> b. Diesel fuel</td><td>\$</td><td>00</td></tr> <tr><td> c. Natural gas</td><td>\$</td><td>00</td></tr> <tr><td> d. LP gas, fuel oil, kerosene, motor oil, grease, etc.</td><td>\$</td><td>00</td></tr> <tr><td>3. Electricity for the farm business — (Do not include household expenses.)</td><td>\$</td><td>00</td></tr> <tr><td>4. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc.</td><td>\$</td><td>00</td></tr> <tr><td>5. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, a crew leader, a cooperative, etc.</td><td>\$</td><td>00</td></tr> <tr><td>6. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment</td><td>\$</td><td>00</td></tr> <tr><td>7. Customwork, machine hire, and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as picking, hauling, spraying, dusting, fertilizing, etc., performed by OTHERS.</td><td>\$</td><td>00</td></tr> <tr><td>8. Interest paid on debts —</td><td> </td><td> </td></tr> <tr><td> a. Secured by real estate</td><td>\$</td><td>00</td></tr> <tr><td> b. Not secured by real estate</td><td>\$</td><td>00</td></tr> <tr><td>9. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.)</td><td>\$</td><td>00</td></tr> <tr><td>10. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)</td><td>\$</td><td>00</td></tr> <tr><td>11. All other production expenses — Include insurance, water, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)</td><td>\$</td><td>00</td></tr> </tbody> </table>	None	Dollars	Cents	974			1. Trees, seeds, bulbs, and plants purchased	\$	00	2. Gasoline and other petroleum fuel and oil purchased for the farm business —			a. Gasoline and gasohol	\$	00	b. Diesel fuel	\$	00	c. Natural gas	\$	00	d. LP gas, fuel oil, kerosene, motor oil, grease, etc.	\$	00	3. Electricity for the farm business — (Do not include household expenses.)	\$	00	4. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc.	\$	00	5. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, a crew leader, a cooperative, etc.	\$	00	6. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	\$	00	7. Customwork, machine hire, and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as picking, hauling, spraying, dusting, fertilizing, etc., performed by OTHERS.	\$	00	8. Interest paid on debts —			a. Secured by real estate	\$	00	b. Not secured by real estate	\$	00	9. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.)	\$	00	10. Property taxes paid — Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)	\$	00	11. All other production expenses — Include insurance, water, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)	\$	00
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SECTION 11 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987? 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 12	SECTION 15 ESTIMATED CURRENT MARKET VALUE 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. Acres of cropland fertilized in 1987, other than cropland used only for pastures reported in section 4, item 2b <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 30%;">Acres fertilized</th> </tr> </thead> <tbody> <tr><td>932</td><td> </td></tr> </tbody> </table> 2. Acres of pastureland and rangeland fertilized in 1987 reported in section 4, items 2b and 4 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 30%;">Acres fertilized</th> </tr> </thead> <tbody> <tr><td>933</td><td> </td></tr> </tbody> </table> 3. Expenditures for commercial fertilizer purchased — all forms, including rock phosphate and gypsum — Include cost of custom applications. (Do not include lime.) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 15%;">Dollars</th> <th style="width: 15%;">Cents</th> </tr> </thead> <tbody> <tr><td>975</td><td>\$</td><td>00</td></tr> </tbody> </table> 4. LIME — tons of lime used and acres on which applied — (Do not include land plaster or gypsum or lime for sanitation.) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 15%;">Tons of lime</th> <th style="width: 15%;">Acres limed</th> </tr> </thead> <tbody> <tr><td>934</td><td> </td><td>935</td></tr> </tbody> </table>	None	Acres fertilized	932		None	Acres fertilized	933		None	Dollars	Cents	975	\$	00	None	Tons of lime	Acres limed	934		935	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 15%;">Dollars</th> <th style="width: 15%;">Cents</th> </tr> </thead> <tbody> <tr><td>986</td><td> </td><td> </td></tr> <tr><td>1. All land owned — Include land in citrus groves which you cared for or managed for others.</td><td>\$</td><td>00</td></tr> <tr><td>2. All land rented or leased FROM OTHERS</td><td>\$</td><td>00</td></tr> <tr><td>3. All land rented or leased TO OTHERS</td><td>\$</td><td>00</td></tr> </tbody> </table>	None	Dollars	Cents	986			1. All land owned — Include land in citrus groves which you cared for or managed for others.	\$	00	2. All land rented or leased FROM OTHERS	\$	00	3. All land rented or leased TO OTHERS	\$	00																																						
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SECTION 12 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987? 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 13	SECTION 16 PERSON COMPLETING THIS REPORT — Please print																																																																									
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.	Name 999 Date																																																																									
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control — <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 30%;">Number of acres on which used</th> </tr> </thead> <tbody> <tr><td>936</td><td> </td></tr> <tr><td> a. Insects on crops, including hay</td><td> </td></tr> <tr><td> b. Nematodes in crops</td><td> </td></tr> <tr><td> c. Diseases in crops and orchards (blights, smuts, rusts, etc.)</td><td> </td></tr> <tr><td> d. Weeds, grass, or brush in crops and pasture (Include both pre-emergence and post emergence)</td><td> </td></tr> <tr><td>937</td><td> </td></tr> <tr><td>938</td><td> </td></tr> <tr><td>939</td><td> </td></tr> <tr><td>940</td><td> </td></tr> </tbody> </table> 2. Chemicals for defoliation or for growth control of crops or thinning of fruit <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 30%;">Number of acres on which used</th> </tr> </thead> <tbody> <tr><td>941</td><td> </td></tr> </tbody> </table> 3. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, etc. — Include cost of custom applications. (Do not include lime.) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">None</th> <th style="width: 15%;">Dollars</th> <th style="width: 15%;">Cents</th> </tr> </thead> <tbody> <tr><td>976</td><td>\$</td><td>00</td></tr> </tbody> </table>	None	Number of acres on which used	936		a. Insects on crops, including hay		b. Nematodes in crops		c. Diseases in crops and orchards (blights, smuts, rusts, etc.)		d. Weeds, grass, or brush in crops and pasture (Include both pre-emergence and post emergence)		937		938		939		940		None	Number of acres on which used	941		None	Dollars	Cents	976	\$	00	Telephone number Area code Number																																											
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SECTION 13 MACHINERY AND EQUIPMENT currently on this place — Include only equipment used for agricultural operations in 1986 or 1987. (Do not include equipment used for packing or processing of citrus.) • Value of ALL machinery and equipment currently on this place. 1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — Include cars, trucks, tractors, sprayers, plows, disks, harrows, pumps, motors, irrigation equipment, etc.	Estimated market value <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Dollars</th> <th style="width: 30%;">Cents</th> </tr> </thead> <tbody> <tr><td>943</td><td> </td></tr> <tr><td>\$</td><td>00</td></tr> </tbody> </table>	Dollars	Cents	943		\$	00																																																																			
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• SELECTED machinery and equipment currently on this place. (Report only if used in 1986 or 1987.)	Total number on this place Of the total, HOW MANY were manufactured in the last 5 years (1983–1987)																																																																									
2. Motortrucks — Include pickups	944 945																																																																									
3. Wheel tractors other than garden tractors and motor tillers —	946 947																																																																									
a. Less than 40 horsepower (PTO)	948 949																																																																									
b. 40 horsepower (PTO) or more	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
Assistant Director for Economic
and Agriculture Censuses

Enclosure

Please answer the following questions**Item 1****a.** At any time during 1987, did you plant or produce any —

YES NO

YES NO

(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)** Tobacco? ☐ ☐**(7)** Greenhouse or nursery crops? ☐ ☐**(4)** Peanuts, cotton, potatoes, sugar crops? ☐ ☐**(8)** Other crops? ☐ ☐

Continue with (5).

b. At any time during 1987 did you raise, sell, or keep any —

YES NO

YES NO

(1) Cattle, calves, hogs, or pigs? ☐ ☐**(5)** Bees, honey? ☐ ☐**(2)** Sheep, lambs, or goats? ☐ ☐**(6)** Fish in captivity? ☐ ☐**(3)** Chickens or other poultry? ☐ ☐**(7)** Other animal specialties, mink, rabbits, etc.? ☐ ☐**(4)** Horses, ponies, or mules? ☐ ☐

Continue with (5).

If you answered "YES" to ANY of the questions in a or b above, GO TO ITEM 2.**If you answered "NO" to ALL of the questions in a and b above, SKIP TO ITEM 6.****Item 2**

Report all land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, woodland, idle land, house lots, etc. None

Number of acres

a. Acres of land OWNED ☐**b.** Acres of 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, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) ☐**c.** Acres of land rented or leased TO OTHERS, including land worked on shares by others and land subleased ☐**d.** Please add the acres reported in items a and b. Subtract the acres rented to others in item c. The result, "ACRES IN THIS PLACE," is to be used for completing this report form.**Item 3****a.** List other individuals associated with the operation of THIS PLACE at any time during 1987. Include partners, relatives, managers, or other associated persons. DO NOT include landlords or tenants.If none, mark (X) this box ☐

First name, middle initial, last name	Number and street or rural route and box number			Relationship
	Post Office	State	ZIP Code	
First name, middle initial, last name	Number and street or rural route and box number			Relationship
	Post Office	State	ZIP Code	

b. List any farm or business name, other than the name on the label, used for this agricultural operation.If none, mark (X) this box ☐

Name used _____

Item 4 List crops harvested in 1987 on the "ACRES IN THIS PLACE" reported in item 2d.If none, mark (X) this box. ☐

Name of crop <i>Hay, corn, wheat, soybeans, oats, barley, sorghum, cotton, tobacco, potatoes, melons, peanuts, berries, vegetables, nursery products, etc.</i> (a)	Acres harvested in 1987 (b)	Quantity harvested (c)	Unit of measure <i>Bushels, pounds, etc.</i> (d)	Value of sales including landlord's share <i>Dollars only</i> (e)
				\$
				\$
				\$
				\$
				\$

Item 5 Specify livestock or poultry on the "ACRES IN THIS PLACE" on December 31, 1987, or sold in 1987.
Include any livestock or poultry, whether owned by you or by others.If none, mark (X) this box. ☐

Kind of livestock, poultry, or animal specialty <i>Cattle, hogs, chickens, turkeys, broilers, ducks, geese, horses, mules, goats, sheep, bees, fish, fur-bearing animals, other livestock</i> (a)	Number on this place on December 31, 1987 (b)	Number sold in 1987 (c)	Value of sales including landlord's or contractor's share <i>Dollars only</i> (d)
			\$
			\$
			\$
			\$

Item 6 Complete this item ONLY if you answered "NO" to ALL questions in item 1.
Mark (X) all items that apply to addressee.☐ Rents all land to others and does
not have separate crop or
livestock operation.☐ SOLD farm or ranch before 1987.☐ Removed land from agricultural
production in 1987.☐ Participates as a partner or shareholder
of a farm or ranch operated by
someone else.☐ Never operated a farm or ranch.☐ Participates in agricultural activities other
than agriculture production — e.g., farm
supplier, processor, feed mill operator,
provider of customwork or farm
management services, etc.☐ Other — Please specify ☒**Item 7** Person completing this report

Signature	Date completed (Month/day)	Telephone	
		Area code	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.

1987 Classification Error Survey Report Form 87-A90

OMB No. 0607-0805: Approval Expires 12/31/89

FORM 87-A90 <small>(2-9-88)</small>	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	NOTICE - Response to this inquiry is required by law (Title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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. In correspondence pertaining to this report, please refer to your Census File Number (CFN)														
EVALUATION OF THE 1987 CENSUS OF AGRICULTURE																
Please complete and RETURN to		BUREAU OF THE CENSUS 1201 East Tenth Street Jeffersonville, IN 47133														
CENSUS USE ONLY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">010</td> <td style="width: 33%; text-align: center;">011</td> <td style="width: 33%; text-align: center;">012</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> <tr> <td style="text-align: center;">013</td> <td style="text-align: center;">014</td> <td style="text-align: center;">015</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> <td style="text-align: center;"> </td> </tr> </table>	010	011	012				013	014	015				Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.		
010	011	012														
013	014	015														
SECTION 1 This section asks about the kinds of associations and the types of activities that you or any member of your household might have with agriculture. The Census Bureau's definition of "farming" includes a large variety of activities, some of which you and others may not consider agricultural. Please read each question carefully.																
<div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>1. Which of the following describes your association with agriculture at anytime during 1987 -</p> <p>a. Sold your farm or ranch?</p> <p>b. Retired from farming or ranching?</p> <p>c. Operated a farm or ranch?</p> <p>d. Operated a greenhouse or nursery?</p> <p>e. Operated a farm or ranch with all work being completed under a custom arrangement or by hired custom operators?</p> <p>f. Participated as a landlord, partner, investor, or corporate member of an agricultural operation?</p> </div> <div style="width: 30%; text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">YES</th> <th style="width: 50%;">NO</th> </tr> </thead> <tbody> <tr> <td>020 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> <tr> <td>021 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> <tr> <td>022 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> <tr> <td>023 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> <tr> <td>024 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> <tr> <td>025 1 <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> </tr> </tbody> </table> </div> </div>			YES	NO	020 1 <input type="checkbox"/>	2 <input type="checkbox"/>	021 1 <input type="checkbox"/>	2 <input type="checkbox"/>	022 1 <input type="checkbox"/>	2 <input type="checkbox"/>	023 1 <input type="checkbox"/>	2 <input type="checkbox"/>	024 1 <input type="checkbox"/>	2 <input type="checkbox"/>	025 1 <input type="checkbox"/>	2 <input type="checkbox"/>
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023 1 <input type="checkbox"/>	2 <input type="checkbox"/>															
024 1 <input type="checkbox"/>	2 <input type="checkbox"/>															
025 1 <input type="checkbox"/>	2 <input type="checkbox"/>															

SECTION 2		This section asks about the NUMBER OF ACRES that was owned or used at any time during 1987 by the operator or operation named on the mailing label. Each census report should be completed for land under the day-to-day management of the person or operation listed on the mailing label. The land does not have to be "agricultural" — it can include your residence, woodland, pastureland, etc. — and it does not have to be located in a single place.	
		None	Number of acres
1. What is the total number of acres that you, your spouse, or organization owned during 1987?		<input type="checkbox"/>	050
<ul style="list-style-type: none"> • Include acres owned for only part of the year as well as acres owned for the whole year. 			
2. In 1987, how many acres of land did you, your spouse, or organization rent or lease FROM OTHERS?		<input type="checkbox"/>	051
<ul style="list-style-type: none"> • Include land you work on shares, use rent-free, or in exchange for services, payment of taxes, etc. • Include leased Federal, State and railroad land. • Do not include land you use on a per-head basis under a grazing permit. 			
3. In 1987, how many acres of land did you, your spouse, or organization rent or lease TO OTHERS?		<input type="checkbox"/>	052
<ul style="list-style-type: none"> • Include land worked on shares by others and land subleased. 			
4. Of the land you rent to others reported in item 3, how many acres do you own?		<input type="checkbox"/>	053
5. Please add the acres reported in items 1 and 2. Subtract the acres rented to others in item 3. The resulting acreage is your CENSUS PLACE and should be used for completing the remainder of this report form.		<input type="checkbox"/>	054
6. Of the land in your CENSUS PLACE reported in item 5 above,			
a. How many acres were used as pasture?		<input type="checkbox"/>	055
<ul style="list-style-type: none"> • Include cropland used only for pasture, woodland pastured, and rangeland. 			
b. How many acres were cropland on which all crops failed?		<input type="checkbox"/>	056
<ul style="list-style-type: none"> • Do not include land in orchards and vineyards on which crops failed. 			
7. In what county and State was the largest value of your agricultural products raised or produced?			
County		State	
8. Did you have agricultural operations in any other county or counties?			
057 1 <input type="checkbox"/> YES — Enter the county and State name(s) and acreage			
2 <input type="checkbox"/> NO			
County		State	Number of acres
			058
			059
9. Provide name and mailing address of each landlord FROM whom you rented land or used land rent free or worked land on shares (acres reported in item 2 above).			
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 number of acres rented (acres reported in item 3 above).			
Name	Mailing address, city, State, ZIP Code		Number of acres
			063
			064
			065

SECTION 3 This section asks for information about any person(s) who may have been involved during 1987 in your CENSUS PLACE . We know that our mailing list contains outdated addresses as well as duplicates, and we need to make sure we count each "farm" or "ranch" only once.			
1. What is the name of the person making the majority of the management decisions about your CENSUS PLACE?			
First name	Middle initial	Last name	
This person will be referred to as the OPERATOR of your CENSUS PLACE .			
a. What is the name of the operator's spouse?			
First name	Middle initial	Last name	
b. Does the operator live on the CENSUS PLACE? 070 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
c. In what year did the operator begin to operate any part of the CENSUS PLACE? 071 19 ____ Year			
d. At what occupation did the operator spend the majority of work time in 1987? 072 1 <input type="checkbox"/> Farming 2 <input type="checkbox"/> Other			
e. What is the operator's age? 073 ____ Years old			
f. What is the operator's sex? 074 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female			
2. In the past two years, has the operator received mail at any address other than the one shown on the mail label?			
075 1 <input type="checkbox"/> Yes — Provide other address —————→ 2 <input type="checkbox"/> No		Mailing address <hr/> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 2px;"> City State ZIP Code </div>	
3. For business purposes, does the operator use any other name for the CENSUS PLACE?			
076 1 <input type="checkbox"/> Yes — Provide other name —————→ 2 <input type="checkbox"/> No		Name <hr/> Mailing address <hr/> <div style="display: flex; justify-content: space-between; border-top: 1px solid black; padding-top: 2px;"> City State ZIP Code </div>	
4. Which type of organization best describes your CENSUS PLACE in 1987?			
077 1 <input type="checkbox"/> Individual or family operation (sole proprietorship), excluding partnership and corporation 2 <input type="checkbox"/> Partnership operation, including family partnership 3 <input type="checkbox"/> Corporation— incorporated under state law, including family corporation 4 <input type="checkbox"/> Other — Such as cooperative, estate, trust, etc. — Specify <u> </u>			
5. At any time during 1987 were there any other individuals associated with the operation of the CENSUS PLACE?			
078 1 <input type="checkbox"/> Yes — Provide information requested below 2 <input type="checkbox"/> No — Go to section 4			
Name	Mailing address, city, State, ZIP Code	Family relationship of this individual to operator of CENSUS PLACE (e.g. parent, uncle, son, not related)	Business relationship of this individual to operator of CENSUS PLACE (e.g. hired manager, business associate, partner, other)

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 many acres were harvested in 1987?	b. How much was harvested in 1987?	c. What was the total dollar value of sales in 1987?	
			Dollars	Cents
1. Hay — all kinds except sorghum hay • Include grain hay, grass silage, wild hay, etc. • If two or more cuttings were made from the same land, REPORT ACRES ONLY ONCE but report total tons of all cuttings.	101	102 Tons, dry	103 \$	00
2. Corn for grain or seed	104	105 Bu.	106 \$	00
3. Corn for silage, cut for green chop or dry fodder. (Do not include acres already reported in item 2.)	107		108 \$	00
4. Soybeans for beans	109	110 Bu.	111 \$	00
5. Wheat for grain	112	113 Bu.	114 \$	00
6. Other small grains for grain — oats, barley, rye, rice, etc. Specify crop name(s): . . .	115		116 \$	00
7. Sorghum for grain or seed	117	118 Bu.	119 \$	00
8. Sorghum for silage, cut for green chop, dry forage or hay. • Do not include acres already reported in item 7 . . .	120		121 \$	00
9. Cotton	122	123 Bales	124 \$	00
10. Peanuts for nuts	125	126 Lbs.	127 \$	00
11. Tobacco — all types	128	129 Lbs.	130 \$	00
12. Irish potatoes • Exclude home use	131	132 Cwt.	133 \$	00
13. Sweetpotatoes and yams • Exclude home use	134	135 Bu.	136 \$	00
14. Vegetables, sweet corn, or melons for sale • Exclude home use	137		138 \$	00
15. Berries for sale • Exclude home use Specify crop name(s):	139		140 \$	00
16. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages • Include land on which the fruit crop failed • Do not include abandoned acreages Specify crop name(s):	141		142 \$	00
17. All other crops • Include field seeds, sugar crops, dry beans, dry peas, sunflower seeds, etc. Specify crop name(s):	143		144 \$	00
18. Greenhouse or nursery crops — Specify <input checked="" type="checkbox"/>	145	146	147 \$	00

SECTION 5 This section asks about the LIVESTOCK AND POULTRY on your CENSUS PLACE . Information about all types of livestock and poultry are important for this evaluation. Please include all livestock and poultry present on December 31, 1987, no matter who owned them. Be sure to include all sales of any livestock or poultry fed on a contract or custom basis that were taken from your CENSUS PLACE at any time 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 was the gross value of sales?	
				Dollars	Cents
1. On December 31, 1987, how many CATTLE and CALVES of all ages were on your CENSUS PLACE?	<input type="checkbox"/>	201	202	203	
Of these cattle and calves, how many were —				\$	00
a. Milk cows? (Include dry milk cows and milk heifers that had calved.)	<input type="checkbox"/>	204	205	206	
b. Other cattle and calves? (Include beef cows, heifers, steers, bulls, and calves.) ..	<input type="checkbox"/>	207	208	209	
2. What was the gross value of dairy products sold from on your CENSUS PLACE in 1987?	<input type="checkbox"/>			210	
3. On December 31, 1987, how many HOGS and PIGS of all ages were on your CENSUS PLACE?	<input type="checkbox"/>	211	212	213	
4. On December 31, 1987, were there any POULTRY on your CENSUS PLACE?	<input type="checkbox"/>	214	215	216	
Of this poultry, how many were —		217	218	219	
a. Hens and pullets of laying age?	<input type="checkbox"/>			\$	00
• Exclude started pullets being raised for sale .	<input type="checkbox"/>	220	221	222	
b. Pullets 3 months old or older not yet of laying age?	<input type="checkbox"/>	223	224	225	
c. Broilers, fryers, and other meat-type chickens?	<input type="checkbox"/>			\$	00
• Include capons and roasters	<input type="checkbox"/>	226	227	228	
d. Other poultry raised in captivity?	<input type="checkbox"/>			\$	00
• Include turkeys, ducks, geese, etc.	<input type="checkbox"/>			\$	00
Specify kind <u>✓</u>					
5. What was the gross value of eggs sold from your CENSUS PLACE in 1987?	<input type="checkbox"/>			229	
6. On December 31, 1987, were there HORSES and PONIES of any age on your CENSUS PLACE?	<input type="checkbox"/>	230	231	232	
• Include boarded horses and ponies	<input type="checkbox"/>	233	234	235	
7. On December 31, 1987, were there any SHEEP and LAMBS of all ages on your CENSUS PLACE?	<input type="checkbox"/>			\$	00
8. On December 31, 1987, were there any other livestock or livestock products on your CENSUS PLACE?	<input type="checkbox"/>	236	237	238	
• Include goats, mules, fur-bearing animals, colonies of bees, fish in captivity, honey, goats milk, wool, mohair, etc.	<input type="checkbox"/>	239	240	241	
Specify kind <u>✓</u>		242	243	244	
				\$	00

SECTION 6 PERSON COMPLETING THIS REPORT			
Signature	300	Area code	Number
Date completed (Month/day/year)	What is your telephone number? <u> </u>		

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

OMB APPROVAL NO. 0607-0580; EXPIRES 09/89

FORM **87-A1(PR)**
(10-15-86)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

A1

CENSUS OF AGRICULTURE — 1987 PUERTO RICO

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.

87-A1(PR)

A. Report Form Identification

Municipio No.	ED No.	Census use only	Farm serial number	Census use only
		0 0		

Municipio	Barrio

B. Operator's Name and Mailing Address

Name	Middle name or initial	Surnames

P.O. Box, R.F.D. and box number, number and street

Barrio (if needed)

City or town	ZIP Code

Census use only

035	036	037	038	039

(Please correct errors in name, address, and ZIP Code.)

Section 1 CUERDAS IN THE LAST 12 MONTHS

When reporting part of a cuerda, write in whole numbers under "centésimos," never in fractions or decimals. Example: Centésimos (Cent.) 05, 10, 25, 75, 95.

1. All land owned

(Interviewer: If operator is a salaried manager, enter all land managed in "item 1 — All land owned" and enter this figure in "item 4 — Total cuerdas in this place.")

2. Land rented (or leased) from others

3. Land rented (or leased) to others (Do not include cuerdas worked by sharecroppers and "agregados.")

4. TOTAL CUERDAS IN THIS PLACE

(Interviewer: Add land owned (item 1) to land rented from others (item 2) then subtract land rented to others (item 3) and enter your answer here. For managed land enter figure from item 1.)

5. Land rented from others. (Give the following information for each of the landlords.)

Name	Address	Cuerdas	Cent.
		053	
		054	
		055	

6. Land rented to others. (Give the following information for each of the tenants.)

Name	Address	Cuerdas	Cent.
		056	
		057	
		058	

7. Land managed as a salaried manager. (Give the following information concerning your employer.)

Name	Address	Cuerdas	Cent.
		059	

Section 2 LOCATION OF AGRICULTURAL LAND OPERATED BY YOU IN THE LAST 12 MONTHS

1. Are all of your agricultural operations located in the municipio and barrio shown in item A above?

☐ No — Complete this section
☐ Yes — Go to section 3

Write name and cuerdas for principal barrio and municipio on the first line; write names and cuerdas for additional barrios and municipios in spaces provided. If necessary, continue in "Remarks" on the last page.

Principal barrio and municipio	Name of barrio	Municipio	Cuerdas	Cent.
			065	
			066	
			067	
			068	
			069	

TOTAL CUERDAS (Must equal cuerdas in section 1, item 4)

Section 3 SUGARCANE

1. Was any SUGARCANE grown on this place during the last 12 months?

☐ Yes — Complete this section
☐ No — Go to section 4

a. Fall cane

b. Spring cane

c. Ratoon cane

d. Sojourn cane for seed

e. Sojourn cane cut for feed

f. TOTAL CANE (Add the figures entered in items "a" through "e" and enter the total in this space.)

Cuerdas harvested (1)		Tons harvested (2)	
Cuerdas	Cent.	Tons	
075		076	
077		078	
079		080	
081			
083			
085		086	

Section 4 COFFEE, TOBACCO, OR PINEAPPLES

1. Did you harvest any COFFEE, TOBACCO, OR PINEAPPLES from this place in the last 12 months?

☐ Yes — Complete this section
☐ No — Go to section 5

a. Coffee grown in the shade

b. Coffee grown in the open

c. Tobacco

d. Pineapples

Cuerdas harvested (1)		Amount harvested (2)	
Cuerdas	Cent.		
092		093	Lb.
094		095	Lb.
096		097	Lb.
098		099	Tons

Section 5 GRAINS AND FARINACEOUS CROPS

1. Were any of the FOLLOWING CROPS harvested from this place in the last 12 months?

a. Pigeon peas

b. Dry beans

c. Green beans

d. Corn

e. Dasheens

f. Cassava

g. Celeriac

h. Sweetpotatoes

i. Yams

j. Taniers

k. Rice

l. Other — Specify

Cuerdas harvested (1)		Amount harvested (2)	
Cuerdas	Cent.	Pounds	
105		106	
107		108	
109		110	
111		112	
113		114	
115		116	
117		118	
119		120	
121		122	
123		124	
125		126	
127		128	

Section 6 FRUITS1. Are there any **FRUIT TREES** or **COCONUT PALMS** on this place?

- ☐ Yes — Complete this section
☐ No — Go to section 7

2. How many **cuerdas** in bearing and nonbearing fruit trees or coconut palms are on this place? →

Total	
Cuerdas	Cent.
134	

3. Which of these fruits are now planted or were harvested in the last 12 months?

	NUMBER OF TREES OR PLANTS OF —		Amount harvested (3)
	Nonbearing age (1)	Bearing age (2)	
a. Coconuts	135	136	137 No.
b. Grapefruits	138	139	140 No.
c. Oranges	141	142	143 No.
d. Avocados	144	145	146 No.
e. Chironjas	147	148	149 No.
f. Plantains	150	151	152 Hds.
g. Bananas	153	154	155 Hds.
h. Citron	156	157	158 Lb.
i. Mangoes	159	160	161 No.
j. Papayas	162	163	164 Lb.
k. Passion fruit	165	166	167 No.
l. Lemons and limes	168	169	170 Lb.
m. Other fruits — Specify	171	172	173 No.

Section 7 VEGETABLES1. Did you cultivate for sale any **VEGETABLES** in the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 8

2. Which of the following vegetables did you harvest from this place for sale in the last 12 months?

	Cuerdas harvested for sale (1)		Value of sales (2)
	Cuerdas	Cent.	Dollars only
a. Tomatoes	176		177 \$ 00
b. Cucumbers	178		179 \$ 00
c. String beans	180		181 \$ 00
d. Lettuce	182		183 \$ 00
e. Peppers	184		185 \$ 00
f. Cabbage	186		187 \$ 00
g. Eggplant	188		189 \$ 00
h. Pumpkins	190		191 \$ 00
i. Sweet cooking peppers	192		193 \$ 00
j. Other vegetables	194		195 \$ 00

Section 8 CULTIVATED AND/OR IMPROVED PASTURE1. Did you have any **CULTIVATED AND/OR IMPROVED PASTURE** on this place in the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 9

	Cuerdas for grazing only (1)		Cuerdas cut for roughage (2)	
	Cuerdas	Cent.	Cuerdas	Cent.
a. Paragrass	198		199	
b. Guinea grass	200		201	
c. Merker grass	202		203	
d. Pangola grass	204		205	
e. Molasses grass	206		207	
f. Milo (sorghum)	208		209	
g. Elephant grass	210		211	
h. Star grass	212		213	
i. Other cultivated grasses	214		215	

Section 9 ORNAMENTAL AND FLOWERING PLANTS, CUT FLOWERS, LAWN GRASS1. Did you grow any **ORNAMENTAL** or **FLOWERING PLANTS** or **LAWN GRASS** for sale on this place in the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 10

	Area used in the last 12 months		Value of sales (Dollars only) (3)
	Square feet under shade (1)	Cuerdas (2)	
a. Lawn grass (sod)	None	222	223 \$ 00
b. Ornamental plants	224	225	226 \$ 00
c. Flowering plants (except orchids)	227	228	229 \$ 00
d. Orchid plants	230	231	232 \$ 00
e. Cut flowers (except orchids)	233	234	235 \$ 00
f. Orchid flowers	236	237	238 \$ 00

Section 10 OTHER CROPS1. Were any **OTHER CROPS** or agricultural products grown on this place in the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 11

	Cuerdas harvested	
	Cuerdas	Cent.
a. Watermelons	244	
b. Honeydew melons	245	
c. Tree seedlings (coffee, orange, plantains, etc.)	248	
d. Other — Specify	247	

Section 11 LAND USED IN THE LAST 12 MONTHS

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 the last 12 months.

1. "TOTAL CUERDAS IN THIS PLACE" from section 1, item 4, on page 1 →

NOTE: If the same land was used for two or more purposes, report that land only once — in the first item that applies.

2. **CULTIVATED CROPLAND** (Include land harvested, land on which crops failed, land under cultivation whether harvested or not, land at rest, etc.)

a. Used for crops or suitable for cultivation

b. Cropland that lie at rest (applied to land which lie fallow)

3. **LAND IN PASTURES** —

a. Cultivated and/or improved pastures

b. Natural pastures

c. Pastures overgrown with brush

4. **OTHER LANDS** —

a. Woodland, forests, and underbrush that cannot be utilized for cultivation or pastures

b. Lakes, ponds, buildings, roads, fences, or wasteland

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.**Section 12 IRRIGATION**

1. Did you irrigate any land on this place at any time during the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 13

2. Cuerdas irrigated from a **PUBLIC SYSTEM**3. Cuerdas irrigated from a **PRIVATE SYSTEM** (wells, rivers, brooks, etc.)

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

Section 13 HOGS1. Do you or anyone else have any **HOGS** or **PIGS** on this place, or were any sold in the last 12 months?

- ☐ Yes — Complete this section
☐ No — Go to section 14

2. **Hogs and piglets of all ages and sexes** (The total of items 2a and 2b should be the same as that in item 2.)

a. Less than 3 months of age

b. 3 months of age and older

3. Sows and gilts kept for breeding purposes

4. Boars of all ages kept for breeding purposes

	Number on this place July 1, 1988 (1)	Number sold in the last 12 months (2)
272		273
274		275
276		277
278		
280		

Section 14 CATTLE

1. Do you or anyone else have any **CATTLE** on this place, or were any sold from this place in the last 12 months?

☐ Yes — Complete this section
☐ No — Go to section 15

Number on this place July 1, 1988	
Dairy cattle (1)	Beef and other cattle (2)
287	288
289	290
291	292
293	294
295	296
297	298

2. Cattle and calves of all ages: (If "None," mark (X) and go to item 3.)
- a. Cows ☐
- b. Heifers 6 months of age and older ☐
- c. Heifer calves less than 6 months of age ☐
- d. Bull calves less than 6 months of age ☐
- e. Steers and bulls ☐

INTERVIEWER: The sum of questions "2a" through "2e" should be the same as item 2 above.

3. Quarts of milk sold in the last 12 months ☐ None ☐ Quarts sold

4. Cattle sold from this place in the last 12 months (Include those fed by contract and taken from this place in the last 12 months.)

Number on this place July 1, 1988	
Dairy cattle sold	Beef and other cattle sold
300	301
302	303

- a. Bull calves and heifer calves ☐
- b. All other cattle, except calves ☐

Section 15 OTHER LIVESTOCK

1. Do you or anyone else have any **HORSES, SHEEP, GOATS, BEES, or OTHER LIVESTOCK** on this place, or were any sold in the last 12 months? (Include all ages and sexes.)

☐ Yes — Complete this section
☐ No — Go to section 16

2. Specify

Code	Number on this place July 1, 1988 (1)	Number sold in the last 12 months (2)
		1
		1
		1

LIST OF ENTRIES

Name	Code	Name	Code
Horses	304	Hives of bees	312
Mules and donkeys	306	Honey (lb.)	314
Sheep of both sexes	308	Rabbits	316
Goats of both sexes	310	Other — Specify	
			318

Section 16 POULTRY

1. Do you or anyone else have any **CHICKEN HENS, PULLETS, ROOSTERS, BROILERS, or other poultry** on this place or were any sold from this place in the last 12 months?

☐ Yes — Complete this section
☐ No — Go to section 17

2. How many —

- a. Layers (Do not include started pullets raised for sale.) — None

- (1) Less than 1 year old? ☐

- (2) 1 year old or older? ☐

- b. Started pullets? (Include those raised for sale only.) ☐

- c. Fighting cocks? ☐

- d. Other roosters? ☐

- e. Broilers? ☐

- f. Other fowl? (Turkeys, pigeons, guineas, etc.) ☐

- g. Chicken eggs? ☐

Number on this place July 1, 1988		Total sold in the last 12 months (Include poultry fed on a contract basis and taken from this place in the last 12 months.)
(1)	(2)	
320	321	
322	323	
324	325	
326	327	
328	329	
330	331	
332	333	
	335	Dozens

Section 17 TYPE OF FARM ORGANIZATION

Which of the following best describes the type of your farm organization?

INDIVIDUAL OR FAMILY FARM ☐ 341

PARTNERSHIP ☐ 2

CORPORATION ☐ 3

OTHER ☐ 4 Estate, cooperative, other type — Specify

Section 18 SALES

What was the total market value of agricultural products sold from this place in the last 12 months, before taxes and expenses?

	Dollars only
1. Sugarcane	347 \$ 00
2. Tobacco	348 \$ 00
3. Coffee	349 \$ 00
4. Pineapples	350 \$ 00
5. Grains and farinaceous crops (Do not include plantains and bananas, they are included in item 6.)	351 \$ 00
6. Fruits — coconuts, oranges, grapefruits, plantains, bananas, papayas, citrons, avocados, West Indies cherries, etc.	352 \$ 00
7. Poultry and poultry products — broilers, other chickens, eggs, turkeys, etc.	353 \$ 00
8. Dairy products — milk, cheese, etc. (Do not include goat milk here, it should be included in item 12.)	354 \$ 00
9. Cattle and calves	355 \$ 00
10. Hogs	356 \$ 00
11. Sheep and goats	357 \$ 00
12. Other livestock and livestock products — horses, mules, bees, honey, goat milk, etc. — Specify	358 \$ 00
13. Any other agricultural products sold — watermelons, honeydew melons, tree seedlings (coffee, orange, plantains, etc.), wood, hay, forage, silage, molasses, etc. — Specify	359 \$ 00

Section 19 OTHER FARM-RELATED INCOME

How much did you receive in the last 12 months from the following?

	Dollars only
1. Custom farmwork done for others, such as: plowing, planting, spraying, harvesting, preparation of products for market, etc.	385 \$ 00
2. Recreational services, such as: providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place	386 \$ 00
3. For renting out farmland (Include payments for livestock pastured on a per-head basis, monthly payments, or through any other arrangement.)	387 \$ 00
4. For participation in Government farm programs (Include only payments received from the Federal or Puerto Rican Government.)	388 \$ 00

Section 20 FARM OPERATOR CHARACTERISTICS

All these questions refer to the person who operates this farm.

1. In what year did you start operating this land? 394 _____ Year
2. Do you (the operator) live — 395
- 1 ☐ On this place? 4 ☐ In a city or town?
- 2 ☐ On another farm? 5 ☐ Outside of Puerto Rico?
- 3 ☐ In a rural area but not on a farm?
3. How old are you (the operator) now? 396 _____ Years old
4. Highest grade or year of school completed? 397
- 0 1 2 3 4 5 6 Elementary school
- 7 8 9 10 11 12 Secondary school
- 13 14 15 16 17 and over College or University
5. How many days did the operator (or the person in charge) WORK OFF this place at least 4 hours per day in the last 12 months? (Include work at a nonfarm job, business, or someone else's farm. Do not include exchange farmwork.) 398
- 1 ☐ None 5 ☐ 75–99
- 2 ☐ 1–24 6 ☐ 100–149
- 3 ☐ 25–49 7 ☐ 150–199
- 4 ☐ 50–74 8 ☐ 200 days or more
6. What did the largest part of your (the operator's) total income come from in the last 12 months? 399
- 1 ☐ The sale of agricultural products (crops, livestock, poultry, milk, etc.)
- 2 ☐ Other farm-related income
- 3 ☐ Nonfarm-related income
7. What percent of your (the operator's) gross income received in the last 12 months came from farming? 400
- 1 ☐ Less than 25% 3 ☐ 50% to 74%
- 2 ☐ 25% to 49% 4 ☐ 75% or more
8. What is your (the operator's) main occupation? 401
- 1 ☐ Agricultural
- 2 ☐ Nonagricultural — Specify

<p>These questions are to be filled by CENSUS ENUMERATOR.</p> <p>a. Does A1 number end in 2 or 7? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>b. Are cuerdas in section 1, item 4, 50 or more? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Section 21 PRODUCTS FOR HOME CONSUMPTION</p> <p><i>Include all animals, products, and crops consumed or given away during the last week.</i></p> <p>Did you consume or give away any of the following during the last week?</p> <p>1. How many —</p> <p>a. Quarts of milk? <input type="checkbox"/> None <input type="checkbox"/> 402 Quarts</p> <p>b. Chicken eggs? <input type="checkbox"/> 403 Dozens</p> <p>2. Livestock or poultry slaughtered or given away —</p> <p>a. Cattle and calves? <input type="checkbox"/> 404 Number</p> <p>b. Hogs and pigs? <input type="checkbox"/> 405 Number</p> <p>c. Chickens, turkeys, pigeons, guineas, or others? <input type="checkbox"/> 406 Number</p> <p>d. Sheep? <input type="checkbox"/> 407 Number</p> <p>e. Goats? <input type="checkbox"/> 408 Number</p> <p>f. Rabbits? <input type="checkbox"/> 409 Number</p> <p>3. Crops —</p> <p>a. Coffee? <input type="checkbox"/> 410 Lb.</p> <p>b. Plantains? <input type="checkbox"/> 411 Hds.</p> <p>c. Bananas? <input type="checkbox"/> 412 Hds.</p> <p>Section 22 INSECTICIDES, HERBICIDES, FUNGICIDES, OTHER PESTICIDES, LIME, AND OTHER CHEMICALS</p> <p><i>Include the materials bought by you, the landlord, or any other person if it was applied by contract. For each item listed, report the cuerdas only once.</i></p> <p>Did you use any of these chemical products on this place in the last 12 months?</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Tons used (1)</th><th style="width: 30%;">Cuerdas on which used (2)</th><th style="width: 40%;">Cuerdas Cent.</th></tr></thead><tbody><tr><td>1. Lime (Do not include gypsum or lime used for sanitation.)</td><td>413</td><td>414</td></tr><tr><td>2. Chemical products used for spraying, dusting, fumigants, etc. (in the form of powder, liquid, or gas), to control —</td><td></td><td>415</td></tr><tr><td>a. Insects on crops, cultivated and improved pastures</td><td></td><td>416</td></tr><tr><td>b. Diseases in crops and orchards (blights, smuts, rusts, etc.)</td><td></td><td>417</td></tr><tr><td>c. Weeds or grass in crops and pastures</td><td></td><td></td></tr></tbody></table> <p>Section 23 EXPENSES</p> <p><i>Include your estimate of expenses paid by you as well as others (landlord, contractors, buyers, etc.) for crops, livestock, or livestock products produced on this place.</i></p> <p>How much did you spend in the last 12 months for the following?</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 60%;">Dollars only</th><th style="width: 20%;">Cuerdas</th><th style="width: 20%;">Cent.</th></tr></thead><tbody><tr><td>1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, started pullets, etc.</td><td>418</td><td>00</td></tr><tr><td>2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.</td><td>419</td><td>00</td></tr><tr><td>3. Medicines and drugs purchased for livestock and poultry</td><td>420</td><td>00</td></tr><tr><td>4. Seeds, bulbs, plants, and trees purchased</td><td>421</td><td>00</td></tr><tr><td>5. Commercial fertilizers</td><td>422</td><td>00</td></tr><tr><td>6. Gasoline and other fuel and oil products purchased for the farm business — diesel oil, LP gas, butane, propane, piped gas, kerosene, fuel oil, motor oil, grease, etc. (Do not include costs for items used in the family home or automobile.)</td><td>423</td><td>00</td></tr><tr><td>7. Wages and salaries paid to employees or hired farm workers (Include money paid in cash for farm labor including payments to family members and for Social Security taxes. Do not include housework or contract work.)</td><td>424</td><td>00</td></tr><tr><td>8. Contract labor (Include expenditures primarily for farm labor performed on a contract basis by a contractor, corporation, or cooperative, etc.)</td><td>425</td><td>00</td></tr><tr><td>9. Machine hire and customwork such as plowing, planting, harvesting, silo filling, spraying and dusting chemical products, etc.</td><td>426</td><td>00</td></tr><tr><td>10. Agricultural chemicals purchased</td><td>427</td><td>00</td></tr></tbody></table>	Tons used (1)	Cuerdas on which used (2)	Cuerdas Cent.	1. Lime (Do not include gypsum or lime used for sanitation.)	413	414	2. Chemical products used for spraying, dusting, fumigants, etc. (in the form of powder, liquid, or gas), to control —		415	a. Insects on crops, cultivated and improved pastures		416	b. Diseases in crops and orchards (blights, smuts, rusts, etc.)		417	c. Weeds or grass in crops and pastures			Dollars only	Cuerdas	Cent.	1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, started pullets, etc.	418	00	2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.	419	00	3. 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Agricultural chemicals purchased	427	00	<p>Section 24 MACHINERY, EQUIPMENT, BUILDINGS, AND FACILITIES ON THIS PLACE JULY 1, 1988</p> <p>1. How many of the following were on this place July 1, 1988? (Include all machinery, equipment, and facilities on this place, regardless of ownership, provided it was in working order.)</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 80%;">None</th><th style="width: 20%;">Number</th></tr></thead><tbody><tr><td>(1) Automobiles, jeeps, pick-up and motor trucks</td><td>432</td></tr><tr><td>(2) Rubber-tired wheel tractors</td><td>433</td></tr><tr><td>(3) Crawler tractors</td><td>434</td></tr><tr><td>(4) Carts (oxen or tractor drawn)</td><td>435</td></tr><tr><td>(5) Coffee depulpers</td><td>436</td></tr><tr><td>(6) Mechanical coffee dryers</td><td>437</td></tr><tr><td>(7) Solar or air coffee dryers</td><td>438</td></tr><tr><td>(8) Mechanical coffee washers</td><td>439</td></tr><tr><td>(9) Milking machines</td><td>440</td></tr><tr><td>(10) Milk coolers</td><td>441</td></tr><tr><td>(11) Emergency electric power plants</td><td>442</td></tr><tr><td colspan="2" style="background-color: #cccccc;"> </td></tr><tr><td colspan="2">B. Selected Buildings and Facilities</td></tr><tr><td>(1) Storage buildings for crops</td><td>443</td></tr><tr><td>(2) Buildings for machinery</td><td>444</td></tr><tr><td>(3) Houses for agregados and other workers</td><td>445</td></tr></tbody></table> <p>2. What is the estimated market value of ALL machinery and equipment usually kept on this place and used for the farm business? (Include cars, trucks, tractors, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and milk coolers, livestock feeders, grinding and mixing equipment, etc.)</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 80%;">Estimated market value (Dollars only)</th><th style="width: 20%;">Cent.</th></tr></thead><tbody><tr><td>446</td><td>00</td></tr></tbody></table> <p>Section 25 HIRED WORKERS, AGREGADOS, AND SHARECROPPERS</p> <p>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 agregado family or sharecropper living on this place July 1, 1988?</p> <p><input type="checkbox"/> Yes — Complete this section</p> <p><input type="checkbox"/> No — Go to section 26</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 80%;">None</th><th style="width: 20%;">Number</th></tr></thead><tbody><tr><td>2. Of the hired workers, how many worked on this place —</td><td></td></tr><tr><td>a. 5 months or more?</td><td>452 Workers</td></tr><tr><td>b. Less than 5 months?</td><td>453 Workers</td></tr><tr><td></td><td>454 Families</td></tr></tbody></table> <p>3. How many agregado or sharecropper families were living on this place July 1, 1988? <input type="checkbox"/> Families</p> <p>REMARKS — Make any remarks you feel are necessary concerning this farm; the owner or manager; the crops, output per cuerda, size of farm; name and address of the owner if the land is managed or leased; etc.</p> <p>Section 26 PERSON COMPLETING THIS FORM — Please print</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 60%;">Name</td><td style="width: 40%;">Date</td></tr><tr><td colspan="2"> </td></tr><tr><td>Telephone</td><td>460 Area code 461 Number</td></tr><tr><td> </td><td>809</td></tr></table>	None	Number	(1) Automobiles, jeeps, pick-up and motor trucks	432	(2) Rubber-tired wheel tractors	433	(3) Crawler tractors	434	(4) Carts (oxen or tractor drawn)	435	(5) Coffee depulpers	436	(6) Mechanical coffee dryers	437	(7) Solar or air coffee dryers	438	(8) Mechanical coffee washers	439	(9) Milking machines	440	(10) Milk coolers	441	(11) Emergency electric power plants	442			B. 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1987 Census of Agriculture for Guam, Report Form 87-A1(G)

OMB APPROVAL NO. 0607-0580; EXPIRES 09/89

FORM 87-A1(G)
(5-20-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

A1

1987 CENSUS OF AGRICULTURE GUAM

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.

FARM SERIAL NUMBER

From A2, column (6)

SECTION 1 OPERATOR

1. What is your (the operator's) name?
2. What is your (the operator's) mailing address?
(Give address where correspondence is received.)

Full name (First name, middle initial, last name)

Complete mailing address

SECTION 2 LAND IN AGRICULTURE

1. How many acres do you own?
2. How many acres do you rent from others?
3. For how many acres do you have a government land permit?
4. How many acres do you occupy without a land permit?
5. How many acres are furnished to you, in connection with your living quarters, by the government?
6. How many acres do you rent to others? (Do not include land used by U.S. military services.)
7. TOTAL ACRES IN THIS PLACE (ADD the entries in items 1, 2, 3, 4, and 5, then SUBTRACT the entry in item 6.)

None	Acres	Tenths
<input type="checkbox"/> 041		/10
<input type="checkbox"/> 042		/10
<input type="checkbox"/> 043		/10
<input type="checkbox"/> 044		/10
<input type="checkbox"/> 045		/10
<input type="checkbox"/> 046		/10
<input type="checkbox"/> 047		/10

8. Is the farm located on a hard surface (all weather) road? ☐ Yes ☐ No — About how many miles is it to the nearest hard surface (all weather) road?

Miles	Tenths
<input type="checkbox"/> 048	/10

9. How many unpaid and paid farm hands (including the operator and his family) worked on this place in 1987? Total farm hands

- a. Of the unpaid farm hands (including the operator and unpaid family workers), how many worked —
- b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked —

150 days or more?	25 to 149 days?	Less than 25 days?
<input type="checkbox"/> 049	<input type="checkbox"/> 050	<input type="checkbox"/> 051
<input type="checkbox"/> 052	<input type="checkbox"/> 053	<input type="checkbox"/> 054
<input type="checkbox"/> 055	<input type="checkbox"/> 056	<input type="checkbox"/> 057

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.)
 - Individual
 - Partnership
 - Corporation (Do not include cooperatives)
 - Other (Cooperative, estate, trust, etc.)

11. Is this holding producing mainly for home consumption or sale?
 - Home consumption — Go to section 3
 - Sale — Ask item 12

12. If producing mainly for sale, is it one of the following?
 - Vegetable holding
 - Field crop holding
 - Fruit and nut holding
 - Dairy holding
 - Livestock holding
 - Poultry holding
 - Mixed holding
 - Other — Specify

SECTION 3 CROPS HARVESTED IN 1987

- Were any of these VEGETABLES AND FIELD CROPS harvested in 1987?

	None	How many acres were harvested in 1987?	How many POUNDS were harvested in 1987?	How many POUNDS were sold in 1987?	What was the value of sales in 1987?
		(a)	(b)	(c)	(d)
		Acres	Tenths		
1. Beans, green	<input type="checkbox"/>	064	/10	065	066
2. Bittermelons	<input type="checkbox"/>	068	/10	069	070
3. Cabbage, Chinese	<input type="checkbox"/>	072	/10	073	074
4. Cabbage, head	<input type="checkbox"/>	076	/10	077	078
5. Cantaloups	<input type="checkbox"/>	080	/10	081	082
				083	

SECTION 3 CROPS HARVESTED IN 1987 — Continued

• Were any of these **VEGETABLES AND FIELD CROPS** harvested in 1987?

6. Cassava (tapioca)..... ☐ None
7. Corn..... ☐
8. Cucumbers..... ☐
9. Eggplant..... ☐
10. Gado..... ☐
11. Muskmelons and pepinos..... ☐
12. Onions, green..... ☐
13. Peppers..... ☐
14. Pumpkins and squash..... ☐
15. Radishes..... ☐
16. Sweetpotatoes..... ☐
17. Taro..... ☐
18. Tomatoes..... ☐
19. Watermelons..... ☐
20. Yams..... ☐
21. Other vegetables and field crops — *Specify*..... ☐

How many acres were harvested in 1987?	How many POUNDS were harvested in 1987?		How many POUNDS were sold in 1987?	What was the value of sales in 1987?
	(a)	(b)		
Acres	Tenths	(b)	(c)	(d)
084	/10	085	086	087
088	/10	089	090	091
092	/10	093	094	095
096	/10	097	098	099
100	/10	101	102	103
104	/10	105	106	107
108	/10	109	110	111
112	/10	113	114	115
116	/10	117	118	119
120	/10	121	122	123
124	/10	125	126	127
128	/10	129	130	131
132	/10	133	134	135
136	/10	137	138	139
140	/10	141	142	143
144	/10	145	146	147

• **FRUITS AND NUTS**

22. Were there any fruit and nut trees or plants on this place or were any harvested in 1987?..... 058 ☐ Yes ☐ No — Skip to item 41

23. How much land is in bearing and nonbearing fruit trees and plants?.....

Acres	Tenths
058	/10

24. Avocados..... ☐ None
25. Bananas..... ☐
26. Betelnuts..... ☐
27. Breadfruits..... ☐
28. Coconuts..... ☐
29. Grapefruit..... ☐
30. Guavas..... ☐
31. Lemons-Limes..... ☐
32. Mangoes..... ☐
33. Oranges..... ☐
34. Papayas..... ☐
35. Pineapples..... ☐
36. Soursops..... ☐
37. Starfruits..... ☐
38. Sweetsops..... ☐
39. Tangerines..... ☐
40. Other fruits, nuts, and tree crops — *Specify*..... ☐

How many trees or plants are not of bearing age?	How many trees or plants are of bearing age?	How many pounds were harvested in 1987?	How many pounds were sold in 1987?	What was the value of sales in 1987?
(a)	(b)	(c)	(d)	(e)
148	149	150	151	152
153	154	155	156	157
158	159	160	161	162
163	164	165	166	167
168	169	170	171	172
173	174	175	176	177
178	179	180	181	182
183	184	185	186	187
188	189	190	191	192
193	194	195	196	197
198	199	200	201	202
203	204	205	206	207
208	209	210	211	212
213	214	215	216	217
218	219	220	221	222
223	224	225	226	227
228	229	230	231	232

41. Nursery and ornamental plants, flowering trees and plants, shrubs, etc.; on the place in the last 12 months.....

Number of plants on the place	Number of plants sold	What was the value of sales in 1987?
(a)	(b)	(c)
233	234	235

SECTION 4 LAND USE

Of the total acres on this place
(Section 2, item 7) —

- None
1. How many acres of land are in crops?..... ☐
2. How much cropland is used for pasture?..... ☐
3. How much cropland is not used for crops or pasture?..... ☐
4. How much pastureland is used for pasture or grazing?..... ☐
5. How much pastureland is not used for pasture or grazing?..... ☐
6. How many acres are in other land?..... ☐
7. TOTAL LAND (Add entries in items 1 through 6. The total should be equal to the entry in section 2, item 7.)..... ☐

Acres	Tenths
236	/10
238	/10
240	/10
242	/10
244	/10
246	/10
248	/10

SECTION 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 in 1987?

- None
1. Carabaos of all ages..... ☐
2. Total cattle and calves of all ages..... ☐
(Must equal sum of a and b below.)
- a. Milk cows..... ☐
- b. All other cattle and calves..... ☐
3. Hogs and pigs of all ages..... ☐
4. Goats and kids of all ages..... ☐
5. Horses and colts of all ages..... ☐
6. Chicken hens 4 months old and over..... ☐
(Must equal sum of a and b below.)
- a. Commercial layers..... ☐
- b. Other chicken hens..... ☐
7. Chickens less than 4 months old..... ☐
8. Roosters and pullets..... ☐
9. Other poultry..... ☐
- a. Ducks..... ☐
- b. Geese..... ☐
- c. Pigeons..... ☐
- d. Other — Specify..... ☐

How many are on this place today? (a)	How many were sold in 1987? (b)	What was the value of sales in 1987? (c)
250	251	252
253	254	255
256	257	258
259	260	261
262	263	264
265	266	267
268	269	270
271	272	273
274	275	276
277	278	279
280	281	282
283	284	285
286	287	288
289	290	291
295	296	297
298	299	300

	Number sold in 1987 (a)	What was the value of sales in 1987? (b)
None	301	302
10. How many dozens of chicken eggs were sold during 1987?..... <input type="checkbox"/>	Dozens	304
11. How many quarts of milk were sold during 1987?..... <input type="checkbox"/>	Quarts	

SECTION 6 FISHERY

- None
1. How many pounds of fish were caught during 1987?..... ☐

Total pounds caught (a)	Total pounds sold (b)	Value of sales in 1987 (c)
305	306	307

SECTION 7 SELECTED EXPENDITURES IN 1987

How much did you spend for each of the following in 1987?

1. Machine hire and customwork..... ☐ None
2. Wages and salaries paid to employees or hired farm workers (Do not include housework or contract construction work. Include cash payments only.)..... ☐ None
3. Feed purchased for livestock and poultry (Include cost of grain, feed, concentrates, and roughages; also amount paid for grinding and mixing feed.)..... ☐ None
4. Insecticides, fungicides, and herbicides..... ☐ None
5. Fertilizers and manure purchased..... ☐ None
6. Livestock and poultry purchased..... ☐ None

Dollars only

309

310

311

312

313

314

SECTION 8 EQUIPMENT AND FACILITIES USED ON THE PLACE IN 1987

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.)

- a. Tractors of all kinds..... ☐ None
- b. Motortrucks..... ☐ None
- c. Automobiles..... ☐ None

Number

315

316

317

2. Do you have the following on this place?

- a. Electricity..... ³¹⁸ 1 ☐ Yes 2 ☐ No
- b. Piped running water..... ³¹⁹ 1 ☐ Yes 2 ☐ No

SECTION 9 OPERATOR CHARACTERISTICS

The following questions are about the FARM OPERATOR.

1. Do you live on this place?..... ³²⁰ 1 ☐ Yes 2 ☐ No
2. In what year did you begin to operate this place?..... ³²¹ _____ Year
3. How old were you on your last birthday?..... ³²² _____ Years old
4. What is your main occupation?..... ³²³ 1 ☐ Agricultural 2 ☐ Nonagricultural
5. OFF-FARM WORK — How many days did the operator work 4 hours or more off this place in 1987?..... ³²⁴ 1 ☐ None 4 ☐ 100—149 days
Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farm work..... 2 ☐ 1—49 days 5 ☐ 150—199 days
3 ☐ 50—99 days 6 ☐ 200 days or more

SECTION 10 ENUMERATOR'S RECORD (To be filled by the Census enumerator)

1. Who furnished the information in this report?..... ³²⁵ 1 ☐ Operator 4 ☐ Wife or member of the operator's family
2 ☐ Landlord
3 ☐ Hired laborer 5 ☐ Other — Specify _____

2. Remarks (Make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.)

3. Residence of operator	a. Election District	b. Village
4. Location of land	a. Election District	b. ED number
5. Certified by	Enumerator's signature	Date
6. Checked by	Supervisor's signature	Date

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

OMB APPROVAL NO. 0607-0580; EXPIRES 09/89

FORM 87-A1(VI) (8-11-86)	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.																																								
<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">A1</div>																																										
1987 CENSUS OF AGRICULTURE VIRGIN ISLANDS		FARM SERIAL NUMBER From A2 column (6)																																								
Section 1 OPERATOR																																										
1. What is your (the operator's) name?		Full name (First name, middle initials, last name)																																								
2. What is your (the operator's) mailing address? <i>(Give address where correspondence is received.)</i>		Complete mailing address																																								
Section 2 LAND IN AGRICULTURE																																										
1. How many acres do you own? (If you own more than one tract of land, include all land in the Virgin Islands.)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">None</th> <th style="width: 50%;">Acres</th> </tr> <tr> <td style="text-align: center;">041</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">042</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">043</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">044</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">045</td> <td style="text-align: center;">/10</td> </tr> </table>	None	Acres	041	/10	042	/10	043	/10	044	/10	045	/10																												
None	Acres																																									
041	/10																																									
042	/10																																									
043	/10																																									
044	/10																																									
045	/10																																									
2. How many acres do you rent from others? (Include acres worked on shares.)																																										
3. How many acres do you operate for others as a hired or salaried manager?																																										
4. How many acres do you rent to others?																																										
5. TOTAL ACRES IN THIS PLACE (Add items 1 and 2, subtract item 4; if managed, enter data from item 3 here.)																																										
6. How many unpaid and paid farmhands (including the operator and his family) worked on this place the last 12 months?		Total farmhands																																								
a. Of the unpaid farmhands (including the operator and unpaid family workers), how many worked —		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">150 days or more?</th> <th style="width: 33%;">25 to 149 days?</th> <th style="width: 33%;">Less than 25 days?</th> </tr> <tr> <td style="text-align: center;">054</td> <td style="text-align: center;">055</td> <td style="text-align: center;">056</td> </tr> <tr> <td style="text-align: center;">057</td> <td style="text-align: center;">058</td> <td style="text-align: center;">059</td> </tr> </table>	150 days or more?	25 to 149 days?	Less than 25 days?	054	055	056	057	058	059																															
150 days or more?	25 to 149 days?	Less than 25 days?																																								
054	055	056																																								
057	058	059																																								
b. Of the paid farmhands (hired workers and paid members of operator's family), how many worked —																																										
7. What type of operating organization does this place have? <i>(If you are a manager, specify if working for an individual, partnership, corporation, cooperative, estate, trust, etc.)</i>		060 <input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation (Do not include cooperatives) <input type="checkbox"/> Other (Cooperative, estate, trust, etc.)																																								
8. Is this holding producing mainly for home consumption or sale?		061 <input type="checkbox"/> Home consumption — Go to section 3 <input type="checkbox"/> Sale — Ask item 9																																								
9. If producing mainly for sale, which of the following is it?		062 <input type="checkbox"/> Vegetable holding <input type="checkbox"/> Field and forage crop holding <input type="checkbox"/> Fruit and nut holding <input type="checkbox"/> Dairy holding <input type="checkbox"/> Livestock holding <input type="checkbox"/> Poultry holding <input type="checkbox"/> Nursery holding <input type="checkbox"/> Mixed holding <input checked="" type="checkbox"/> Other — Specify																																								
Section 3 CROPS HARVESTED IN THE LAST 12 MONTHS																																										
Include all crops harvested from July 1, 1987 to June 30, 1988 from the land reported in section 2, item 5, whether harvested by you or by someone else. Be sure to include the landlord's share. Do not include crops which were a complete failure or which were not harvested because of drought, labor shortage, low prices, or destruction from any cause. Report tenths of an acre, such as 1/10, 3/10, 1—5/10, etc.																																										
• Were any of these FORAGE crops cultivated on this place in the last 12 months?		None																																								
1. Sugarcane		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">How many acres were planted?</th> <th style="width: 20%;">How many acres were for cutting?</th> <th style="width: 20%;">How many acres were for grazing?</th> <th style="width: 20%;">How many acres were used for both purposes?</th> <th style="width: 20%;">What was the value of sales in the last 12 months?</th> </tr> <tr> <th style="text-align: center;">(a)</th> <th style="text-align: center;">(b)</th> <th style="text-align: center;">(c)</th> <th style="text-align: center;">(d)</th> <th style="text-align: center;">(e)</th> </tr> <tr> <td style="text-align: center;">063</td> <td style="text-align: center;">064</td> <td style="text-align: center;">065</td> <td style="text-align: center;">066</td> <td style="text-align: center;">067</td> </tr> <tr> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">068</td> <td style="text-align: center;">069</td> <td style="text-align: center;">070</td> <td style="text-align: center;">071</td> <td style="text-align: center;">072</td> </tr> <tr> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;">073</td> <td style="text-align: center;">074</td> <td style="text-align: center;">075</td> <td style="text-align: center;">076</td> <td style="text-align: center;">077</td> </tr> <tr> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> <td style="text-align: center;">/10</td> </tr> </table>	How many acres were planted?	How many acres were for cutting?	How many acres were for grazing?	How many acres were used for both purposes?	What was the value of sales in the last 12 months?	(a)	(b)	(c)	(d)	(e)	063	064	065	066	067	/10	/10	/10	/10	/10	068	069	070	071	072	/10	/10	/10	/10	/10	073	074	075	076	077	/10	/10	/10	/10	/10
How many acres were planted?	How many acres were for cutting?	How many acres were for grazing?	How many acres were used for both purposes?	What was the value of sales in the last 12 months?																																						
(a)	(b)	(c)	(d)	(e)																																						
063	064	065	066	067																																						
/10	/10	/10	/10	/10																																						
068	069	070	071	072																																						
/10	/10	/10	/10	/10																																						
073	074	075	076	077																																						
/10	/10	/10	/10	/10																																						
2. Sorghum																																										
3. TOTAL																																										

Section 3 CROPS HARVESTED IN THE LAST 12 MONTHS — Con.

• Were any of these FIELD CROPS harvested in the last 12 months?	None	How many ACRES were harvested in the last 12 months?	How many POUNDS were harvested in the last 12 months?	How many POUNDS were sold in the last 12 months?	What was the VALUE of sales in the last 12 months?
		(a)	(b)	(c)	(d)
4. Cassava	<input type="checkbox"/>	078 /10	079	080	081
5. Dry beans	<input type="checkbox"/>	082 /10	083	084	085
6. Dry corn	<input type="checkbox"/>	086 /10	087	088	089
7. Sorghum for grain	<input type="checkbox"/>	090 /10	091	092	093
8. Sweetpotatoes	<input type="checkbox"/>	094 /10	095	096	097
9. Taniers	<input type="checkbox"/>	098 /10	099	100	101
10. Yams	<input type="checkbox"/>	102 /10	103	104	105
11. Other field crops — Specify <u> </u>	<input type="checkbox"/>	106 /10	107	108	109

• Were any of these VEGETABLE CROPS harvested in the last 12 months?	None	How many ACRES were harvested in the last 12 months?	What was the VALUE of sales in the last 12 months?
		(a)	(b)
12. Cabbage	<input type="checkbox"/>	110 /10	111
13. Carrots	<input type="checkbox"/>	112 /10	113
14. Celery	<input type="checkbox"/>	114 /10	115
15. Cucumbers	<input type="checkbox"/>	116 /10	117
16. Eggplant	<input type="checkbox"/>	118 /10	119
17. Green beans	<input type="checkbox"/>	120 /10	121
18. Lettuce	<input type="checkbox"/>	122 /10	123
19. Okra	<input type="checkbox"/>	124 /10	125
20. Onions	<input type="checkbox"/>	126 /10	127
21. Peppers	<input type="checkbox"/>	128 /10	129
22. Spinach	<input type="checkbox"/>	130 /10	131
23. Squash	<input type="checkbox"/>	132 /10	133
24. Tomatoes	<input type="checkbox"/>	134 /10	135
25. Other vegetable crops — Specify <u> </u>	<input type="checkbox"/>	136 /10	137

• FRUITS AND NUTS

26. Are there any fruit and nut trees or plants on this place today or were any harvested in the last 12 months? ... 138 ☐ Yes ☐ No — Skip to item 39

27. How much land is in bearing and nonbearing fruit trees and plants today? ...

Acres	Tenths
140	/10

• Are any of the following kinds of FRUIT TREES, NUT TREES, OR PLANTS on this place?	None	How many trees or plants are not of bearing age?	How many trees or plants are of bearing age?	How much was harvested in the last 12 months?	How many were sold in the last 12 months?	What was the value of sales in the last 12 months?
		(a)	(b)	(c)	(d)	(e)
28. Avocados	<input type="checkbox"/>	141 Number	142 Number	143 Fruits	144 Fruits	145
29. Bananas	<input type="checkbox"/>	146 Hills	147 Hills	148 Bunches	149 Bunches	150
30. Coconuts	<input type="checkbox"/>	151 Number	152 Number	153 Nuts	154 Nuts	155
31. Grapefruits	<input type="checkbox"/>	156 Number	157 Number	158 Pounds	159 Pounds	160
32. Limes and lemons	<input type="checkbox"/>	161 Number	162 Number	163 Pounds	164 Pounds	165
33. Mangoes	<input type="checkbox"/>	166 Number	167 Number	168 Fruits	169 Fruits	170
34. Oranges	<input type="checkbox"/>	171 Number	172 Number	173 Pounds	174 Pounds	175
35. Papayas	<input type="checkbox"/>	176 Number	177 Number	178 Pounds	179 Pounds	180
36. Pineapples	<input type="checkbox"/>	181 Number	182 Number	183 Boxes	184 Boxes	185
37. Plantains	<input type="checkbox"/>	186 Hills	187 Hills	188 Bunches	189 Bunches	190
38. Other fruits, nuts, and tree crops — Specify <u> </u>	<input type="checkbox"/>	191	192	193	194	195

39. How many square feet under cover and/or acres did you have planted in ORNAMENTAL PLANTS or in any other NURSERY CROPS?

Square feet under cover	Acres	Tenths	What was the value of sales in the last 12 months?
196	197	/10	198

Section 4 LAND USE IN THE LAST 12 MONTHS

Land is to be reported in **ONLY ONE CATEGORY**. If two or more uses were made of the same land, report in the **FIRST** category that applies.

		Acres	
1. How many acres were in crops harvested in the last 12 months? (Can be obtained by adding the acres of the various crops reported in section 3, items 1 through 39. However, if more than one crop was harvested from the same land, count this land only once for this item.)	<input type="checkbox"/> None	199	/10
2. How many acres were in other cropland? (Include cropland pasture, crop failure, idle and fallow cropland, and cropland used for soil improvement crops.)	<input type="checkbox"/> None	200	/10
3. How many acres were in other pasture or grazing land? (Include woodland pasture; do not include cropland pasture.)	<input type="checkbox"/> None	201	/10
4. How many acres were in woodland? (Do not include woodland pasture.)	<input type="checkbox"/> None	202	/10
5. How many acres were in other uses? (Include house lots, barn lots, lanes, roads, ditches, ponds, and wasteland.)	<input type="checkbox"/> None	203	/10
6. TOTAL LAND (Add entries in items 1 through 5. This total should equal the entry in section 2, item 5.)	<input type="checkbox"/> None	204	/10

		Number	
7. How many wells are on this place?	<input type="checkbox"/> None	205	

Section 5 LIVESTOCK AND POULTRY ON THIS PLACE NOW AND NUMBER SOLD IN THE LAST 12 MONTHS

		How many are on this place now? (a)	How many were sold in the last 12 months? (b)	What was the value of sales in the last 12 months? (c)
• Do you or anyone else have any of the following livestock, regardless of ownership, on this place or were any sold from this place in the last 12 months?	<input type="checkbox"/> None	206	207	208
1. Horses and colts, including ponies	<input type="checkbox"/>	209	210	211
2. Mules, asses, and burros of all ages	<input type="checkbox"/>	212	213	214
3. Sheep and lambs of all ages	<input type="checkbox"/>	215	216	217
4. Goats and kids of all ages	<input type="checkbox"/>	218	219	220
5. Hogs and pigs of all ages, including sows and boars (Must equal sum of a and b below.)	<input type="checkbox"/>	221	222	223
a. Pigs less than 8 months old	<input type="checkbox"/>	224	225	226
b. Hogs and pigs 8 months old or older	<input type="checkbox"/>	227	228	229
6. Cattle and calves of all ages (Must equal sum of a, b, c, and d below.)	<input type="checkbox"/>	230	231	232
a. Cows, including heifers that have calved	<input type="checkbox"/>	233	234	235
b. Heifers and heifer calves 1 year old or older (Do not include heifers that have calved.)	<input type="checkbox"/>	236	237	238
c. Bulls, bull calves, steers, and steer calves 1 year old or older	<input type="checkbox"/>	239	240	241
d. Calves less than 1 year old	<input type="checkbox"/>			
• Do you or anyone else have any of the following poultry, regardless of ownership, on this place or were any sold from this place in the last 12 months?	<input type="checkbox"/> None	242	243	244
7. Chickens (hens, pullets, roosters, broilers, etc.)	<input type="checkbox"/>	245		
a. How many are 5 months old or older?	<input type="checkbox"/>	248	249	250
8. Turkeys, ducks, geese, and other poultry	<input type="checkbox"/>			

		Number sold (a)	What was the value of sales in the last 12 months? (b)
9. How many dozens of chicken eggs were sold from this place in the last 12 months?	<input type="checkbox"/> None	251	252
10. How many quarts of milk were sold from this place in the last 12 months?	<input type="checkbox"/> None	253	254

Section 6 SELECTED EXPENDITURES IN THE LAST 12 MONTHS

		Dollars only	
• How much did you spend for each of the following in the last 12 months?	<input type="checkbox"/> None	255	\$
1. Machine hire and customwork	<input type="checkbox"/>	256	\$
2. Wages and salaries paid to employees or hired farmworkers (Do not include housework or contract construction work. Include cash payments only.)	<input type="checkbox"/>	257	\$
3. Feed purchased for livestock and poultry (Include cost of grain, feed, concentrates, and roughages; also amount paid for grinding and mixing feed.)	<input type="checkbox"/>	258	\$
4. Insecticides, fungicides, and herbicides	<input type="checkbox"/>	259	\$
5. Fertilizers and manure purchased	<input type="checkbox"/>	260	\$
6. Livestock and poultry purchased	<input type="checkbox"/>		\$

Section 7 EQUIPMENT AND FACILITIES USED ON THIS PLACE IN THE LAST 12 MONTHS

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.)

a. Tractors of all kinds

b. Motortrucks

c. Automobiles

None

Number

261

262

263

2. Do you have the following on this place?

a. Electricity

264

1 ☐ Yes2 ☐ No

b. Piped running water

265

1 ☐ Yes2 ☐ No**Section 8 OPERATOR CHARACTERISTICS**

The following questions are about the FARM OPERATOR.

1. Do you live on this place (the acres entered in section 2, item 5)?

266

1 ☐ Yes2 ☐ No

2. In what year did you begin to operate this place?

267

Year

3. Where were you born?

268

1 ☐ Virgin Islands3 ☐ Elsewhere — Specify2 ☐ Puerto Rico

4. How old were you on your last birthday?

269

Years old

5. Is your main occupation agricultural or nonagricultural?

270

1 ☐ Agricultural2 ☐ Nonagricultural

6. OFF FARM WORK — How many days did the operator work 4 hours or 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 work.)

271

1 ☐ None4 ☐ 100—149 days2 ☐ 1—49 days5 ☐ 150—199 days3 ☐ 50—99 days6 ☐ 200 days or more**Section 9 ENUMERATOR'S RECORD**

1. Who furnished the information in this report?

272

1 ☐ Operator4 ☐ Hired laborer2 ☐ Landlord5 ☐ Neighbor3 ☐ Wife or a member of the operator's family6 ☐ Other — Specify

2. Remarks (Make any remarks needed in regard to this place, the owner or operator, the crops cultivated, or the livestock on this place.)

3. Location of land

a. Island

b. Quarter or city

c. ED number

4. Certified by

Enumerator's signature

Date

5. Checked by

Supervisor's signature

Date

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

OMB No. 0607-0667: Approval Expires 09/30/90

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by persons who have sworn to uphold the confidentiality of the census and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.					Part A — QUESTIONNAIRE IDENTIFICATION																			
FORM 90-A1(NM) <small>(10-4-89)</small>					U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS																			
1990 CENSUS OF AGRICULTURE NORTHERN MARIANA ISLANDS					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Island number</th> <th colspan="3" style="width: 40%;">FARM SERIAL NUMBER</th> <th style="width: 50%;">CENSUS USE ONLY</th> </tr> <tr> <th>ARA</th> <th>Block</th> <th>Map</th> <th>Spot</th> <th></th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>					Island number	FARM SERIAL NUMBER			CENSUS USE ONLY	ARA	Block	Map	Spot						
Island number	FARM SERIAL NUMBER			CENSUS USE ONLY																				
ARA	Block	Map	Spot																					
Name of island					Municipality																			
Part B — OPERATOR'S NAME AND PHYSICAL LOCATION					Full name (First name, middle initial, last name)																			
Physical Location (Describe)																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="5" style="text-align: center;">CENSUS USE ONLY</th> </tr> <tr> <td style="width: 20%;">035</td> <td style="width: 20%;">036</td> <td style="width: 20%;">037</td> <td style="width: 20%;">038</td> <td style="width: 20%;">039</td> </tr> </table>					CENSUS USE ONLY					035	036	037	038	039										
CENSUS USE ONLY																								
035	036	037	038	039																				
READ TO RESPONDENT — We estimate that it will take from 10 to 20 minutes to complete this report, with 15 minutes being the average time. If you have any comments regarding these estimates or any other aspect of the census, refer to the information on Form D-31.																								
INSTRUCTIONS																								
Reporting land in section 1 This section is for recording information on all agricultural land the operator is associated with and for reporting the names of all landlords.					Question 2 — Acres rented or leased FROM OTHERS — Report all land rented, even though the landlord may have supplied equipment, fertilizer, or other materials and/or some supervision of the work.																			
Question 1 — Acres owned — Report all land owned whether held under title, purchase contract or mortgage, 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.					Question 3 — Acres rented TO OTHERS — Include land rented to others for cash or a share of the crops or livestock or rent-free.																			
					Question 4 — Total acres in this place — The entry is the sum of the acres owned, plus acres rented FROM OTHERS, minus the acres rented TO OTHERS. This entry represents all tracts of land regardless of where located in the Northern Mariana Islands that is operated by the person in charge.																			
SECTION 1 LAND IN AGRICULTURE																								
001																								
1. How many acres do you own?						None	Acres	Tenths																
2. How many acres do you rent FROM OTHERS? (Include land used rent-free)						040		/10																
3. How many acres do you rent TO OTHERS? (Include land for which no rent is received)						042		/10																
4. TOTAL ACRES IN THIS PLACE — Add acres owned (question 1) and acres rented (question 2), then SUBTRACT acres rented TO OTHERS (question 3), and enter the result in this space.						044		/10																
						045		/10																
5. If you rented land FROM OTHERS, (question 2) enter the following information for each landlord.						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%;">Name of landlord</th> <th style="width: 20%;">Acres</th> <th style="width: 20%;">Tenths</th> </tr> <tr> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> <tr> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> <tr> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> </table>				Name of landlord	Acres	Tenths			/10			/10			/10			
Name of landlord	Acres	Tenths																						
		/10																						
		/10																						
		/10																						
6. How many separate TRACTS or PIECES of land or plantations are represented in the "Total acres in this place?"						046	Number of pieces																	
7. Is this holding producing mainly for home consumption or sale? (Mark (X) one)						047	1 <input type="checkbox"/> Home consumption — GO to question 9 2 <input type="checkbox"/> Sale — ASK question 8																	
8. If producing mainly for sale, which of the following is it? (Mark (X) one)						048	1 <input type="checkbox"/> Crop holding 2 <input type="checkbox"/> Livestock and/or poultry holding 3 <input type="checkbox"/> Mixed holding 4 <input type="checkbox"/> Other																	
9. What percent of the farm operation is financed by each of the following sources?						None	Percent																	
a. Operator						049		%																
b. Private						050		%																
c. Commercial						051		%																
d. Government						052		%																
e. Other — Specify						053		%																

SECTION 2 FIELD CROPS, MELONS, AND VEGETABLES

Did you harvest any **FIELD CROPS, MELONS, or VEGETABLES** in 1989 — such as yams, sweetpotatoes, taro, etc.?

- 002 1 ☐ Yes — Complete this section
2 ☐ No — GO to section 3

None

1. Cassava ☐
2. Chinese cabbage ☐
3. Corn ☐
4. Cucumbers ☐
5. Eggplant ☐
6. Melons (exclude watermelons) ☐
7. Sweetpotatoes ☐
8. Taro ☐
9. Watermelons ☐
10. Yams ☐
11. Other field crops and vegetables — Specify ☐

How many acres were harvested in 1989?		How many pounds were harvested in 1989?	How many pounds were sold in 1989?	What was the value of sales in 1989? (Dollars)
(a)		(b)	(c)	(d)
Acres	Tenths			
060	/10	061	062	063
				\$
064	/10	065	066	067
				\$
068	/10	069	070	071
				\$
072	/10	073	074	075
				\$
076	/10	077	078	079
				\$
080	/10	081	082	083
				\$
084	/10	085	086	087
				\$
088	/10	089	090	091
				\$
092	/10	093	094	095
				\$
096	/10	097	098	099
				\$
100	/10	101	102	103
				\$

SECTION 3 FRUITS AND NUTS

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

- 003 1 ☐ Yes — Complete this section
2 ☐ No — GO to question 16

None

1. Avocados ☐
2. Bananas ☐
3. Betelnuts ☐
4. Breadfruits ☐
5. Coconuts ☐
6. Green oranges ☐
7. Guavas ☐
8. Lemons ☐
9. Limes ☐
10. Mangoes ☐
11. Papayas ☐
12. Pineapples ☐
13. Starfruits ☐
14. Tangerines ☐
15. Other fruits, nuts, and tree crops (coffee, grapefruit, sweetsops, etc.) — Specify ☐

How many trees or plants are on this place?	What quantity was harvested in 1989?	What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
(a)	(b)	(c)	(d)
120	121	122	123
	Pounds	Pounds	\$
124	125	126	127
Clusters	Pounds	Pounds	\$
128	129	130	131
	Pounds	Pounds	\$
132	133	134	135
	Pounds	Pounds	\$
136	137	138	139
	Pounds	Pounds	\$
140	141	142	143
	Pounds	Pounds	\$
144	145	146	147
	Pounds	Pounds	\$
148	149	150	151
	Pounds	Pounds	\$
152	153	154	155
	Pounds	Pounds	\$
156	157	158	159
	Pounds	Pounds	\$
160	161	162	163
	Pounds	Pounds	\$
164	165	166	167
	Fruits	Fruits	\$
168	169	170	171
	Pounds	Pounds	\$
172	173	174	175
	Pounds	Pounds	\$
176	177	178	179
	Pounds	Pounds	\$

16. How many square feet under cover and/or acres did you have planted in **ORNAMENTAL PLANTS** or in any other **NURSERY CROPS**?

Square feet under cover	Acres	Tenths	What was the value of sales in 1989? (Dollars)
197	198	199	
		/10	\$

SECTION 4 LAND USE																																
004																																
Of the total acres in this place (section 1, question 4) —																																
1. How many acres are in crops?	None	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Acres</th> <th style="width: 50%;">Tenths</th> </tr> </thead> <tbody> <tr> <td>201</td> <td>/10</td> </tr> <tr> <td>202</td> <td>/10</td> </tr> <tr> <td>203</td> <td>/10</td> </tr> <tr> <td>204</td> <td>/10</td> </tr> <tr> <td>205</td> <td>/10</td> </tr> </tbody> </table>	Acres	Tenths	201	/10	202	/10	203	/10	204	/10	205	/10																		
Acres	Tenths																															
201	/10																															
202	/10																															
203	/10																															
204	/10																															
205	/10																															
2. How many acres are in other cropland (cropland pasture, crop fallure, idle cropland, and cropland used for soil improvement)?	<input type="checkbox"/>																															
3. How many acres are in other pasture or grazing land? (Include woodland pasture. Do not include cropland pasture.)	<input type="checkbox"/>																															
4. How many acres are in other land? (Include houselots, roads, woodland not pastured, wasteland, etc.)	<input type="checkbox"/>																															
5. TOTAL LAND (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)																																
SECTION 5 LIVESTOCK AND POULTRY																																
005																																
How many of the following livestock and/or poultry are on this place today or were sold from this place in 1989?																																
1. Total cattle and calves of all ages (Total of "a" and "b" below)	None	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">How many are on this place today? (a)</th> <th style="width: 33%;">How many were sold in 1989? (b)</th> <th style="width: 33%;">What was the value of sales in 1989? (Dollars) (c)</th> </tr> </thead> <tbody> <tr> <td>254</td> <td>255</td> <td>256</td> </tr> <tr> <td>257</td> <td>258</td> <td>259</td> </tr> <tr> <td>260</td> <td>261</td> <td>262</td> </tr> <tr> <td>263</td> <td>264</td> <td>265</td> </tr> <tr> <td>266</td> <td>267</td> <td>268</td> </tr> <tr> <td>269</td> <td>270</td> <td>271</td> </tr> <tr> <td>272</td> <td>273</td> <td>274</td> </tr> <tr> <td>275</td> <td>276</td> <td>277</td> </tr> <tr> <td>278</td> <td>279</td> <td>280</td> </tr> </tbody> </table>	How many are on this place today? (a)	How many were sold in 1989? (b)	What was the value of sales in 1989? (Dollars) (c)	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280
How many are on this place today? (a)	How many were sold in 1989? (b)	What was the value of sales in 1989? (Dollars) (c)																														
254	255	256																														
257	258	259																														
260	261	262																														
263	264	265																														
266	267	268																														
269	270	271																														
272	273	274																														
275	276	277																														
278	279	280																														
Of this total, how many are —																																
a. Milk cows	<input type="checkbox"/>																															
b. All other cattle and calves	<input type="checkbox"/>																															
2. Hogs and pigs of all ages	<input type="checkbox"/>																															
3. Goats and kids of all ages	<input type="checkbox"/>																															
4. Horses, mules, and colts of all ages	<input type="checkbox"/>																															
5. Other livestock — Specify <u> </u>	<input type="checkbox"/>																															
6. Chickens	<input type="checkbox"/>																															
7. Other poultry (ducks, pigeons, guineas, geese, turkeys, etc.) — Specify <u> </u>	<input type="checkbox"/>																															
8. How many dozens of chicken eggs were sold during 1989?																																
9. How many quarts of milk were sold during 1989?																																
SECTION 6 FISHERY																																
006																																
1. How many pounds of fish were caught on this place in 1989?																																
None	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Total pounds caught (a)</th> <th style="width: 33%;">Total pounds sold (b)</th> <th style="width: 33%;">Value of sales (Dollars) (c)</th> </tr> </thead> <tbody> <tr> <td>305</td> <td>306</td> <td>307</td> </tr> </tbody> </table>	Total pounds caught (a)	Total pounds sold (b)	Value of sales (Dollars) (c)	305	306	307	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">What was the quantity sold in 1989? (a)</th> <th style="width: 50%;">What was the value of sales in 1989? (Dollars) (b)</th> </tr> </thead> <tbody> <tr> <td>301</td> <td>302</td> </tr> <tr> <td>303</td> <td>304</td> </tr> </tbody> </table>	What was the quantity sold in 1989? (a)	What was the value of sales in 1989? (Dollars) (b)	301	302	303	304																		
Total pounds caught (a)	Total pounds sold (b)	Value of sales (Dollars) (c)																														
305	306	307																														
What was the quantity sold in 1989? (a)	What was the value of sales in 1989? (Dollars) (b)																															
301	302																															
303	304																															
SECTION 7 SELECTED EQUIPMENT AND SPECIFIED FACILITIES USED ON THIS PLACE																																
007																																
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.)																																
a. Tractors of all kinds	None	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Number</th> </tr> </thead> <tbody> <tr> <td>315</td> </tr> <tr> <td>316</td> </tr> <tr> <td>317</td> </tr> </tbody> </table>	Number	315	316	317																										
Number																																
315																																
316																																
317																																
b. Motortrucks	<input type="checkbox"/>																															
c. Automobiles	<input type="checkbox"/>																															
2. Do you have the following on this place?																																
a. Electricity	318	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																														
b. Piped running water	319	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																														

SECTION 8 OPERATOR CHARACTERISTICS

008

The following questions are about the FARM OPERATOR.

1. Do you live on this place? (The acres entered in section 1, question 4) 320 1 ☐ Yes 2 ☐ No
2. In what year did you begin to operate this place? 321 _____ Year
3. How old were you on your last birthday? 322 _____ Years old
4. What is your main occupation? 323 1 ☐ Agricultural 2 ☐ Nonagricultural
5. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1989? 324
- (Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farmwork.)
- 1 ☐ None 4 ☐ 100—149 days
- 2 ☐ 1—49 days 5 ☐ 150—199 days
- 3 ☐ 50—99 days 6 ☐ 200 days or more

SECTION 9 **ENUMERATOR'S RECORD** *(To be completed by the Census enumerator)*

009

1. Who furnished the information in this report?
- ☐ 1 Operator
☐ 2 Landlord
☐ 3 Wife or member of the operator's family
- ☐ 4 Hired laborer
☐ 5 Other - Specify 7

2. Remarks (make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.)

Enumerator: Ask at the completion of this questionnaire — “Besides you, (the operator) does any other person living in this household have 15 or more poultry (chickens, ducks, guineas, etc.); 5 or more livestock (cattle, hogs, goats, 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," enter note in "Remarks" section and complete another Agriculture report form for the other person.

3. Certified by enumerator

1331 Date

4. Checked by crew leader

332 Date

1990 Census of Agriculture for American Samoa, Report Form 90-A1(AS)

OMB No. 0607-0667: Approval Expires 09/30/90

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County number	FARM SERIAL NUMBER			CENSUS USE ONLY																					
	ARA	Block	Map Spot																						
1990 CENSUS OF AGRICULTURE AMERICAN SAMOA					Island/District _____																				
Part B — OPERATOR'S NAME AND PHYSICAL LOCATION					Full name (First name, middle initial, last name) _____																				
CENSUS USE ONLY					Physical location (Describe) _____																				
035 036 037 038 039					_____																				
READ TO RESPONDENT — We estimate that it will take from 10 to 20 minutes to complete this report, with 15 minutes being the average time. If you have any comments regarding these estimates or any other aspect of the census, refer to the information on Form D-31.																									
INSTRUCTIONS																									
1. Communal lands a. Any land used in owner-like possession for the benefit of the extended family should be reported as land owned under section 1, question 1. If the land is used for the sole benefit of the operator rather than the extended family, report the land under section 1, question 2 on a separate questionnaire. b. Any land used to which title or right of ownership is not held, should be reported as land rented FROM OTHERS under section 1, question 2. Do this even though no rent is paid to the owner of this land. c. Any land to which the title is held or ownership claimed, which is used by a nonmember of the extended family, should be reported as land rented TO OTHERS under section 1, question 3. Do this even though no rent is paid by the nonmember. In such cases, a separate agriculture questionnaire should be completed for the lands reported under section 1, question 3 in the name of the person in charge.					2. Private land Privately owned lands, not held or operated under the communal system — If crops were raised or livestock or poultry are kept, complete this agriculture questionnaire in the name of the person in charge. The person in charge is the one responsible for making the decisions. The person in charge will usually be the head of the family which plants or gathers the crops. 3. All other land Experimental farms, schools, churches, and other institutions — If crops were raised or livestock or poultry are kept, complete this agriculture questionnaire in the name of the institution. Also, give the name of the manager or superintendent in part B, above.																				
SECTION 1 LAND IN AGRICULTURE																									
1. How many acres do you own or use in owner-like possession? <input type="checkbox"/> None					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Acres</th> <th style="width: 15%;">Tenths</th> </tr> <tr> <td style="width: 15%;">040</td> <td style="width: 15%;">/10</td> </tr> <tr> <td>042</td> <td>/10</td> </tr> <tr> <td>044</td> <td>/10</td> </tr> <tr> <td>046</td> <td>/10</td> </tr> </table>					Acres	Tenths	040	/10	042	/10	044	/10	046	/10						
Acres	Tenths																								
040	/10																								
042	/10																								
044	/10																								
046	/10																								
Are these communal lands? 041 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																									
2. How many acres do you rent FROM OTHERS? (Include land used rent-free) <input type="checkbox"/> None																									
Are these communal lands? 043 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No																									
3. How many acres do you rent TO OTHERS? (Include land for which no rent is received) <input type="checkbox"/> None																									
4. TOTAL ACRES IN THIS PLACE — ADD acres owned (question 1) and acres rented (question 2), then SUBTRACT acres rented TO OTHERS (question 3), and enter the result in this space. →																									
5. If you rented land FROM OTHERS, (question 2) enter the following information for each landlord.					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 35%;">Name of landlord</th> <th style="width: 20%;">Island/District</th> <th style="width: 15%;">Acres</th> <th style="width: 15%;">Tenths</th> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> </tr> <tr> <td></td> <td></td> <td></td> <td>/10</td> </tr> </table>					Name of landlord	Island/District	Acres	Tenths				/10				/10				/10
Name of landlord	Island/District	Acres	Tenths																						
			/10																						
			/10																						
			/10																						
6. How many separate TRACTS or PIECES of land or plantations are represented in the "Total acres in this place?" 046 _____ Number of pieces																									
7. Is this holding producing mainly for home consumption or sale? (Mark (X) one) 047					{ 1 <input type="checkbox"/> Home consumption — GO to question 9 2 <input type="checkbox"/> Sale — ASK question 8																				
8. If producing mainly for sale, which of the following is it? (Mark (X) one) 048					{ 1 <input type="checkbox"/> Crop holding 2 <input type="checkbox"/> Livestock and/or poultry holding 3 <input type="checkbox"/> Mixed holding 4 <input type="checkbox"/> Other																				
9. What percent of the farm operation is financed by each of the following sources?					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Percent</th> </tr> <tr> <td style="width: 15%;">049</td> </tr> <tr> <td>050</td> </tr> <tr> <td>051</td> </tr> <tr> <td>052</td> </tr> <tr> <td>053</td> </tr> </table>					Percent	049	050	051	052	053										
Percent																									
049																									
050																									
051																									
052																									
053																									
a. Operator <input type="checkbox"/>																									
b. Private <input type="checkbox"/>																									
c. Commercial <input type="checkbox"/>																									
d. Government <input type="checkbox"/>																									
e. Other — Specify _____ <input type="checkbox"/>																									

SECTION 2 FIELD CROPS, MELONS, AND VEGETABLES					
Did you harvest any FIELD CROPS, MELONS, or VEGETABLES in 1989 — such as cabbage, cassava, taro, yams, etc.?					
002 1 <input type="checkbox"/> Yes — Complete this section 2 <input type="checkbox"/> No — GO to section 3		None			
	How many acres were harvested in 1989? (a)	What quantity was harvested in 1989? (b)	What quantity was sold in 1989? (c)	What was the value of sales in 1989? (Dollars) (d)	
	Acres	Tenths			
1. Cabbage	060	061	062	063	
		/10	Pounds	Pounds	\$
2. Cassava	064	065	066	067	
		/10	Roots	Roots	\$
3. Corn	068	069	070	071	
		/10	Pounds	Pounds	\$
4. Cucumbers	072	073	074	075	
		/10	Pounds	Pounds	\$
5. Giant taro	076	077	078	079	
		/10	Roots	Roots	\$
6. Green beans	080	081	082	083	
		/10	Pounds	Pounds	\$
7. Melons (watermelons, honeydews, muskmelons, etc.)	084	085	086	087	
		/10	Pounds	Pounds	\$
8. Sugarcane	088	089	090	091	
		/10	Pounds	Pounds	\$
9. Taro	092	093	094	095	
		/10	Roots	Roots	\$
10. Yams	096	097	098	099	
		/10	Roots	Roots	\$
11. Other field crops and vegetables (kava, sweetpotatoes, tobacco, etc.) — Specify ↴	100	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.)					
003 1 <input type="checkbox"/> Yes — Complete this section 2 <input type="checkbox"/> No — GO to question 14		None			
	How many trees or plants are on this place? (a)	What quantity was harvested in 1989? (b)	What quantity was sold in 1989? (c)	What was the value of sales in 1989? (Dollars) (d)	
1. Avocados	120	121	122	123	
		Pounds	Pounds	\$	
2. Bananas	124	125	126	127	
	Clusters	Pounds	Pounds	\$	
3. Breadfruits	128	129	130	131	
		Pounds	Pounds	\$	
4. Cacao	132	133	134	135	
		Pounds	Pounds	\$	
5. Coconuts	136	137	138	139	
		Pounds	Pounds	\$	
6. Grapefruits	140	141	142	143	
		Pounds	Pounds	\$	
7. Lemons	144	145	146	147	
		Pounds	Pounds	\$	
8. Limes	148	149	150	151	
		Pounds	Pounds	\$	
9. Mangoes	152	153	154	155	
		Pounds	Pounds	\$	
10. Oranges	156	157	158	159	
		Pounds	Pounds	\$	
11. Papayas	160	161	162	163	
		Pounds	Pounds	\$	
12. Pineapples	164	165	166	167	
		Fruits	Fruits	\$	
13. Other fruits, nuts, and tree crops (pandanus, kopak, citrons, coffee, etc.) — Specify ↴	168	169	170	171	
		Pounds	Pounds	\$	
14. How many square feet under cover and/or acres did you have planted in ORNAMENTAL PLANTS or in any other NURSERY CROPS?		Square feet under cover	Acres	Tenths	What was the value of sales in 1989? (Dollars)
		176	177	/10	178
					\$

SECTION 7 OPERATOR CHARACTERISTICS	
007 The following questions are about the FARM OPERATOR.	
1. Do you live on this place (the acres entered in section 1, question 4)?	320 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
2. In what year did you begin to operate this place?	321 _____ Year
3. How old were you on your last birthday?	322 _____ Years old
4. What is your main occupation?	323 1 <input type="checkbox"/> Agricultural 2 <input type="checkbox"/> Nonagricultural
5. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1989? (Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farmwork.)	324 1 <input type="checkbox"/> None 4 <input type="checkbox"/> 100—149 days 2 <input type="checkbox"/> 1—49 days 5 <input type="checkbox"/> 150—199 days 3 <input type="checkbox"/> 50—99 days 6 <input type="checkbox"/> 200 days or more
SECTION 8 ENUMERATOR'S RECORD (To be completed by the Census enumerator)	
008	
1. Who furnished the information in this report?	325 { 1 <input type="checkbox"/> Operator 4 <input type="checkbox"/> Hired laborer 2 <input type="checkbox"/> Landlord 5 <input type="checkbox"/> Other — Specify _____ 3 <input type="checkbox"/> Wife or member of the operator's family
2. Remarks (make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.) _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	
ENUMERATOR: Ask at the completion of this questionnaire — "Besides you, (the operator) does any other person living in this household have 15 or more poultry (chickens, ducks, guinea, etc.); 5 or more livestock (cattle, hogs, goats, 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," enter note in "Remarks" section and complete another Agriculture report form for the other person.	
3. Certified by enumerator	331 Date
4. Checked by crew leader	332 Date

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

FORM **88-A19.1**
112-21-580

**1988 CENSUS
OF HORTICULTURAL
SPECIALTIES**

**GREENHOUSE PRODUCTS,
OUTDOOR-GROWN FLORICULTURAL
PRODUCTS, NURSERY PRODUCTS,
MUSHROOMS, AND SOD**

**COMPLETE AND
RETURN TO**

Bureau of the Census
1201 East Tenth Street
Jeffersonville, IN 47132

CENSUS USE ONLY

0013	0014	0015	0016
0017	0018	0019	0020

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE — Response to this inquiry is voluntary and is conducted according to title 13, U.S. Code. Your report to the Census Bureau is confidential. It may be seen only by sworn Census 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.

In correspondence pertaining to this report, please refer to the 11-digit Census File Number (CFN).

(Please correct any errors in name, address, and ZIP Code.)

IMPORTANT — Please read the instructions below before completing the report form.

- Complete the section(s) 1 through 12 which pertain to your operation.
 - In sections 1 through 7, enter the plant name and corresponding code for plant(s) produced for sale. Report the number sold and value of sales at the total and wholesale levels in the appropriate line and column.
 - Report ALL UNFINISHED PLANT MATERIAL (i.e., cuttings, liners, plug seedlings, prefinished plants, tissue cultured plantlets) in section 7.
- Complete sections 13 through 19. These sections pertain to all horticultural operations.
 - Exclude plants purchased from others but grown by you for less than 4 weeks for resale.
 - If you did not operate a horticultural operation or all of your facilities were idle in 1988, briefly explain in section 18 your situation and complete section 19.
 - Refer to the Information Sheet for additional reporting instructions. If more space is needed, list additional plants on a separate sheet.

SECTION 1 Were any POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE grown for sale on this place in 1988?

0001 1 ☐ YES — Complete part A below.
2 ☐ NO — Go to section 2.

Part A. Complete this part by entering the plant name and code from the list below. Report the number sold and value of sales by type of container (i.e., pots by size, hanging baskets). Report geraniums and other outdoor potted blooming annuals in section 2. Report unfinished plant material (prefinished plants, cuttings, liners, plug seedlings, tissue cultured plantlets, etc.) in section 7. If more space is needed, list additional plants on a separate sheet.

Plant name	Code	Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00
Plant name	Code	Pots under 5 inches	1	\$.00	2	\$.00
		Pots 5 inches or over	4	\$.00	6	\$.00
		Hanging baskets	8	\$.00	10	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE
African violet (Saintpaulia)	0021	Cyclamen	0089	Lily, Easter*	0141	Rose*	0249
Anthurium	0042	Gerbers daisy*	0091	Lily, other*	0153	Other potted flowering plants	0261
Azalea (finished florist showing color)	0033	Gloxinia	0093	Orchid*	0201	Specify	
Begonia	0045	Hibiscus	0105	Poinsettia	0213		
Chrysanthemum (Report hardy/garden chrysanthemums in section 2.)	0057	Hydrangea	0117	Potted flowering spring bulbs*	0225		
		Kalanchoe	0129	Primula	0237		

* Report cut flowers in section 3.

SECTION 2 Were any BEDDING/GARDEN PLANTS (including flowering and vegetable type bedding plants) grown for sale on this place in 1988?

 0002 ☐ YES — Complete part A below.
☐ NO — Go to section 3.

▶ **Part A** — Complete this part by entering the plant name and code from the list below. Report the number sold and value of sales by type of container (i.e., flats, pots by size, hanging baskets). Report vegetable transplants for commercial truck crop production in section 11. Report unfinished plant material (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.) in section 7. If more space is needed, list additional plants on a separate sheet.

SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" — Report in 11" X 22" flats or specify other flat size —

		Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name	Code	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	6	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME — Vegetable type bedding plants	CODE
Ageratum	0273	Dusty Miller	0389	Impatiens, New Guinea	0449	Rose, potted garden	0561	Broccoli, cabbage,	
Alyssum	0289	Fuchsia	0385	Impatiens, other	0485	Salvia	0577	cauliflower, and	
Begonia	0305	Gezania	0401	Marigold	0491	Snapdragon	0593	other crucifers	0657
Chrysanthemum,		Geranium, grown from		Pansy	0497	Verbena	0609	Pepper, sweet or hot	0673
hardy/garden	0321	cuttings	0417	Perennials, herbaceous	0513	Vinca (Catharanthus		Tomato	0689
Coleus	0337	Geranium, grown from		Petunia	0528	roseus)?	0625	Other vegetable type	
Dianthus	0353	seed or seedlings	0433	Portulaca	0545	Other flowers	0641	bedding plants	0705

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

F13M BR A19.1-12 21 88.

SECTION 2 BEDDING/GARDEN PLANTS — Continued									
		Type of container	Total sales		Wholesale sales only				
			Number of containers sold	Dollars only	Number of containers sold	Dollars only			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00			
		Pots less than 5 inches	4	\$.00	6	\$.00			
		Pots 5 inches or more	8	\$.00	10	\$.00			
			12	\$.00	14	\$.00			
		Hanging baskets		\$.00		\$.00			

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME — Vegetable type bedding plants	CODE
Ageratum	0273	Dusty Miller	0369	Impatiens, New Guinea	0449	Rose, potted garden	0561	Broccoli, cabbage, cauliflower, and other crucifers	0657
Alyssum	0289	Fuchsia	0385	Impatiens, other	0465	Salvia	0577	Pepper, sweet or hot	0689
Begonia	0305	Gazania	0401	Marigold	0481	Snapdragon	0593	Tomato	0693
Chrysanthemum, hardy/garden	0321	Geranium, grown from cuttings	0417	Pansy	0497	Verbena	0609	Other vegetable type bedding plants	0705
Coleus	0337	Geranium, grown from seed or seedlings	0433	Perennials, herbaceous	0513	Vinca (Catharanthus roseus)*	0625		
Dianthus	0353			Petunia	0529	Other flowers	0641		
				Portulaca	0545				

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

[illegible]

FORM 88-419 (12-21-88)

SECTION 6 Were there any **FOLIAGE PLANTS** grown for sale on this place in 1987?

0000 1 ☐ YES — Complete part A below. 2 ☐ NO — Go to section 7.

Part A — Complete this part by entering the plant name and code from the list below. Report the number of plants and value of sales for each plant type that was grown for sale. Report unfinished plant material to be grown on by others as unfinished plant material in section 7. If more space is needed, list additional plants on a separate sheet.

Plant name	Code	Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE
Azalea	1134	Epipremnum (Pothos)	1246	Palms	1358	Spathiphyllum	1442
Cacti and succulents	1162	Ferns	1274	Philodendron	1388	Synonymium (Nephthytis)	1470
Dieffenbachia	1194	Ficus	1302	Schefflera (Brassia-and/or Schefflera)	1414	Other foliage plants — Specify	1498
Dracaena	1218	Hedera (Ivy)	1330				

SECTION 6 FOLIAGE PLANTS -- Continued					
	Type of container	Total sales		Wholesale sales only	
		Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	8	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	6	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	6	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	6	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	6	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00
Plant name <input type="text"/> Code <input type="text"/>	Pots under 4 inches	1	\$.00	2	\$.00
	Pots 4 to 7 inches	4	\$.00	6	\$.00
	Pots 8 to 13 inches	8	\$.00	10	\$.00
	Pots 14 to 22 inches	12	\$.00	14	\$.00
	Pots over 22 inches	16	\$.00	18	\$.00
	Hanging baskets under 8 inches	20	\$.00	22	\$.00
	Hanging baskets 8 inches or more	24	\$.00	26	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE
Aglaonema	1134	Epipremnum (Pothos)	1248	Palms	1358	Spathiphyllum	1442
Cacti and succulents	1162	Ferns	1274	Philodendron	1386	Syngonium (Nepthytis)	1470
Dieffenbachia	1190	Ficus	1302	Schefflera (Brassaia and/or Schefflera)	1414	Other foliage plants -- Specify	1498
Dracaena	1218	Hedera (Ivy)	1330				

SECTION 7 Were any UNFINISHED PLANT MATERIALS (For example, cuttings, liners, plug seedlings, tissue cultured plantlets, prefinished plants, etc.) grown/produced for sale on this place in 1987? (Exclude material for your own use.)

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.

2 ☐ NO — Go to section 8.

Plant name	Code	Type of unfinished plant material	Total sales		Wholesale sales only	
			Number sold	Dollars only	Number sold	Dollars only
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00
		Cuttings	1	\$.00	2	\$.00
		Liners	4	\$.00	6	\$.00
		Plug seedlings	8	\$.00	10	\$.00
		Prefinished plants	12	\$.00	14	\$.00
		Tissue cultured plantlets	16	\$.00	18	\$.00

PLANT NAME — Potted flowering	CODE	PLANT NAME — Bedding/ Garden	CODE	PLANT NAME — Cut flower	CODE	PLANT NAME — Nursery	CODE	PLANT NAME — Foliage	CODE
African violet (Saintpaulia)	1526	Chrysanthemum, hardy/ garden	1726	Carnation, standard	1846	Broad-leaf evergreens	2046	Aglaonema	2266
Azalea	1546	Geranium from cuttings	1746	Carnation, miniature	1866	Citrus and subtropicals	2066	Dieffenbachia	2286
Chrysanthemum	1586	Geranium from seed or seedlings	1766	Chrysanthemum, standard	2654	Deciduous flowering trees	2086	Dracaena	2306
Gerbera daisy	1586	Impatiens, New Guinea	1786	Chrysanthemum, pompon	1886	Deciduous fruit and nut trees	2106	Epipremnum (Pothos)	2326
Hibiscus	1606	Rose	1806	Gerbera daisy	1906	Deciduous shade trees	2126	Ferns	2346
Kalanchoe	1626	Other bedding/garden plants — Specify	1826	Orchid, cattleya	1926	Deciduous shrubs	2146	Ficus	2366
Lily	1646			Orchid, cymbidium	1946	Herbaceous plants	2166	Palms	2386
Poinsettia	1666			Orchid, other	1966	Narrow-leaf evergreens	2186	Philodendron	2406
Rose	1686			Rose, hybrid tea	1986	Schefflera (Brassia and/or Schefflera)	2206	Spathiphyllum	2426
Other potted flowering plants — Specify	1706			Rose, sweetheart	2006	Roses	2206	Syngonium (Nepthytis)	2446
				Other cut flowers — Specify	2026	Vines (landscape)	2226	Other foliage plants — Specify	2466
						Other nursery lining-out stock — Specify	2246		

SECTION 8 Was SOD grown for sale on this place in 1988?					
0008 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 9.					
		Acres harvested		Value of gross sales in 1988 (Dollars only)	
		Whole acres	Tenths	Total	Wholesale sales
1. Sod grown for sale		2506	/10	2507 \$.00	2508 \$.00
SECTION 9 Were any DRIED BULBS, CORMS, RHIZOMES, OR TUBERS (TO BE USED FOR FORCING) grown for sale on this place in 1988?					
0009 1 <input type="checkbox"/> YES — Complete this section. Report finished forced products in appropriate sections 1 and/or 3. 2 <input type="checkbox"/> NO — Go to section 10.					
		Acres harvested		Value of gross sales in 1988 (Dollars only)	
		Whole acres	Tenths	Total	Wholesale sales
1. Dried bulbs, corms, rhizomes, or tubers grown for sale		2509	/10	2510 \$.00	2511 \$.00
SECTION 10 Were any CULTIVATED MUSHROOMS grown for sale on this place in 1988? — See information sheet.					
0010 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 11.					
		Pounds produced	Bed area (Square feet)	Value of gross sales in 1988 (Dollars only)	
				Total	Wholesale sales
1. Cultivated mushrooms		2512	2513	2514 \$.00	2515 \$.00
SECTION 11 Were any GREENHOUSE PRODUCED VEGETABLES, VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION OR VEGETABLE SEEDS grown/produced for sale on this place in 1988?					
0011 1 <input type="checkbox"/> YES — Complete parts A, B, and C below. Report bedding vegetable plants in section 2. 2 <input type="checkbox"/> NO — Go to section 12.					
Part A — GREENHOUSE PRODUCED VEGETABLES — Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.					
<input type="checkbox"/> None					
		Square feet under glass or other protection used in 1988		Value of gross sales in 1988 (Dollars only)	
				Total	Wholesale sales
1. Cucumbers		2516		2517 \$.00	2518 \$.00
2. Lettuce		2519		2520 \$.00	2521 \$.00
3. Peppers		2522		2523 \$.00	2524 \$.00
4. Tomatoes		2525		2526 \$.00	2527 \$.00
5. Other greenhouse produced vegetables — Specify <u>z</u>		2528		2529 \$.00	2530 \$.00
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.					
<input type="checkbox"/> None					
		Area used in 1988		Value of gross sales in 1988 (Dollars only)	
		Square feet under glass or other protection	Acres in the open Whole acres Tenths	Total	Wholesale sales
1. Broccoli, cabbage, cauliflower, and other crucifers.		2531	2532 /10	2533 \$.00	2534 \$.00
2. Peppers, sweet or hot		2535	2536 /10	2537 \$.00	2538 \$.00
3. Tomatoes		2539	2540 /10	2541 \$.00	2542 \$.00
4. Other vegetable transplants for commercial truck crop production — Specify <u>z</u>		2543	2544 /10	2545 \$.00	2546 \$.00
Part C — VEGETABLE SEEDS — Enter the information below.					
<input type="checkbox"/> None					
		Area used in 1988		Value of gross sales in 1988 (Dollars only)	
		Square feet under glass or other protection	Acres in the open Whole acres Tenths	Total	Wholesale sales
1. Vegetable seeds		2547	2548 /10	2549 \$.00	2550 \$.00
SECTION 12 Were any FLOWER SEEDS produced for sale on this place in 1988?					
0012 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 13.					
		Acres grown		Production (Pounds of clean seed)	
		Whole acres	Tenths	Value of gross sales in 1988 (Dollars only)	
				Total	Wholesale sales
1. Alyssum		2551	/10	2552 \$.00	2553 \$.00
2. Delphinium		2555	/10	2556 \$.00	2557 \$.00
3. Marigold		2559	/10	2560 \$.00	2561 \$.00
4. Nasturtium		2563	/10	2564 \$.00	2565 \$.00
5. Petunia		2567	/10	2568 \$.00	2569 \$.00
6. Stock		2571	/10	2572 \$.00	2573 \$.00
7. Sweet pea		2575	/10	2576 \$.00	2577 \$.00
8. Verbena		2579	/10	2580 \$.00	2581 \$.00
9. All other flower seeds — Specify <u>z</u>		2583	/10	2584 \$.00	2585 \$.00

SECTION 13 LAND, STRUCTURES, EQUIPMENT, AND IRRIGATION

1. What is your best estimate of the current market value of land and buildings owned and/or rented by this business on December 31, 1988?

Dollars only	
2587	
\$	.00
2588	
\$	.00

2. What is the estimated market value of all machinery and equipment usually kept on this place and used for the horticultural operations?

3. Did you have land area covered by greenhouses in 1988?

- 2589 ☐ YES — Complete items a through e below. (Report area only once. Include aisles, walkways, etc.).
☐ NO — Go to item 4 below.

None

Square feet	
2590	
2591	
2592	
2593	

a. How much of the greenhouse area was under glass?

b. How much of the greenhouse area was under fiberglass and other rigid plastic covers?

c. How much of the greenhouse area was covered by plastic film (single or double cover) or other materials?

d. TOTAL LAND AREA COVERED BY GREENHOUSES — Should equal the sum of a + b + c.

Square feet	
2594	

e. How much of the greenhouse area was new greenhouse space erected during 1988?

4. Did you produce potted flowering plants, bedding/garden plants, cut flowers, cut cultivated florist greens, nursery plants, or foliage plants in 1988?

- 2595 ☐ YES — Complete items a through d below.
☐ NO — Go to item 7 below.

Report area for each horticultural category listed below. For example, if two crops of bedding/garden plants were harvested from 1,000 square feet, report 1,000 square feet in the "bedding/garden plants" category. If 500 square feet of potted flowering plants were also grown in the same area, report 500 square feet in the "potted flowering plants" category and 1,000 square feet in the "bedding/garden plants" category.

Potted flowering plants	Bedding/garden plants (Include vegetable type bedding plants.)	Cut flowers	Cut cultivated florist greens	Nursery crops (Include propagating area.)	Foliage plants
2596	2597	2598	2599	2600	2601
Sq. ft.	Sq. ft.	Sq. ft.	Sq. ft.	Sq. ft.	Sq. ft.
2602	2603	2604	2605	2606	2607
Whole acres	Whole acres	Whole acres	Whole acres	Whole acres	Whole acres
2608	2609	2610	2611	2612	2613
Tenths	Tenths	Tenths	Tenths	Tenths	Tenths
2614	2615	2616	2617	2618	2619
Tenths	Tenths	Tenths	Tenths	Tenths	Tenths

a. How much greenhouse space in 1988 was used for the production of

b. How much land covered by shade structures (frames, cloth, lath, saran, etc.) was used in 1988 for the production of

c. How much natural shade area (i.e., palm, citrus, etc.) was used in 1988 for the production of

d. How many acres in the open were used in 1988 for the outdoor production of (excluding land covered by natural shade or shade structures)

5. Did you irrigate land in 1988? (Exclude land covered by greenhouses.)

- 2620 ☐ YES — Complete items a through c below.
☐ NO — Go to section 14.

None

Acres irrigated	
2621	
	10
2622	
	10
2623	
	10

a. How many acres were irrigated for the outdoor production of nursery plants?

b. How many acres were irrigated for the outdoor production of sod?

c. How many acres were irrigated for the production of other horticultural crops grown in the open?

SECTION 14 SALES IN 1988 — Report figures to the nearest WHOLE DOLLAR. If book figures are not available, give your best estimate.

1. What were your gross sales during 1988 of all greenhouse plants, outdoor-grown floricultural plants, and nursery plants grown — potted flowering plants, bedding/garden plants, cut flowers, cut cultivated florist greens, nursery plants, foliage plants, unfinished, prefinished, and starter florist plants, greenhouse vegetables, vegetable transplants for commercial truck crop production, vegetable and flower seeds, sod, dried bulbs, corms, rhizomes, tubers, and cultivated mushrooms? — Do not include the sale of fertilizer, lime, spray materials, garden tools, etc.

None

Dollars only	
2624	
\$	.00
2625	
\$	.00
2626	
\$	.00
2627	
\$	.00

2. Of the total gross sales —

a. How much was wholesale sales?

b. How much was retail sales?

3. What were your returns and allowances (discounts and value of returned merchandise)?

SECTION 15 SELECTED PRODUCTION EXPENSES FOR THE TOTAL HORTICULTURAL OPERATION IN 1988 — Report figures to the nearest WHOLE DOLLAR. If book figures are not available, give your best estimate.

1. What was the cost of plants, seeds, bulbs, and florist and nursery stock purchased and used in the production activity during 1988? (Include cost of mushroom spawn.)

None

Dollars only	
2628	
\$	.00
2629	
\$	.00
2630	
\$	.00
2631	
\$	.00

2. What was the cost of commercial fertilizer (all forms) used in 1988? (Exclude purchases for resale.)

3. What was the cost of all other agricultural chemicals purchased for use in production activity (insecticides, herbicides, fungicides, other pesticides, etc.) during 1988? (Exclude fertilizer and lime.)

4. What was the cost of energy (natural gas, electricity, gasoline, gasohol, diesel fuel, LP gas, etc.) used for the horticultural production operation in 1988? (Include all heating and cooling cost. Exclude heat or air conditioning only for offices, retail outlets, etc.)

SECTION 16

GREENHOUSE, NURSERY, AND OTHER HORTICULTURAL LABOR USED ON THIS PLACE IN 1988 — Exclude employees not directly involved in growing operation, e.g., garden center clerks.

None

Number of employees

Gross wages paid (Dollars only)

1. What was the total of the gross wages paid, including employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc., for this business during 1988?

2632

\$

.00

2. Of the hired workers in 1988, how many were —

a. Part-time employees (worked less than 150 days)?

2633

\$

.00

b. Full-time employees (worked 150 days or more)?

2635

\$

.00

SECTION 17

TYPE OF HORTICULTURAL OPERATION AND LOCATION OF GROWING OPERATION(S) IN 1988

1. Type of ownership — Mark (X) the appropriate box.

2637

☐ Individual proprietor

☐ Partnership

☐ Corporation

☐ Other — Specify _____

2. Location of growing operation(s) — Give the county location of the growing operation(s) included in this report form.

	County	State	Percent of sales
Principal county →			2638
Other counties }			2639
			2640
			2641

SECTION 18

REMARKS AND EXPLANATIONS — If you reported no sales in sections 1 through 12, please explain here the type of horticultural enterprise, if any, you operated in 1988. Also add any other remarks here. Use additional sheet(s), if necessary.

SECTION 19

PERSON COMPLETING THIS REPORT — Please print.

Name

Date

Address (Number and street, city, State, ZIP Code)

Telephone

Area code

Number

FORM 88-A19.1 (I)
(11-9-88)

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

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).

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.

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 Floricultural 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 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 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.

► 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 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 not 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) 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 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**
(11-7-88)

U.S. DEPARTMENT OF AGRICULTURE
IN COOPERATION WITH
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

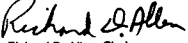
**COMMERCIAL
HORTICULTURE SURVEY
1988**

Dear Reporter:

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 cooperation in furnishing the information will be greatly appreciated. Your report will be held **CONFIDENTIAL** and used only in combination with other reports. The results will be published in the "1988 Horticulture 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.

Respectfully,


Richard D. Allen, Chairperson
Agricultural Statistics Board

CENSUS
USE ONLY

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OMB Approval No. 0607-0639; Approval Expires 11/89

(Please correct any errors in name, address, and ZIP Code.)

IMPORTANT — Please read the instructions below before completing the report form.

- Complete the section(s) 1 through 12 which pertain to your operation.
- In sections 1 through 7, enter the plant name and corresponding code for plant(s) produced for sale. Report the number sold and value of sales at the total and wholesale levels in the appropriate line and column.
- Report ALL UNFINISHED PLANT MATERIAL (i.e., cuttings, liners, plug seedlings, prefinished plants, tissue cultured plantlets) in section 7.

- Complete sections 13 through 19. These sections pertain to all horticultural operations.
- Exclude plants purchased from others but grown by you for less than 4 weeks for resale.
- If you did not operate a horticultural operation or all of your facilities were idle in 1988, briefly explain in section 18 your situation and complete section 19.
- Refer to the Information Sheet for additional reporting instructions. If more space is needed, list additional plants on a separate sheet.

SECTION 1 Were any **POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE** grown for sale on this place in 1988?

0001 1 ☐ YES — Complete parts A and B below.
2 ☐ NO — Go to section 2.

Part A — Complete this part by entering the plant name and code from the list below. Report the number sold and value of sales by type of container (i.e., pots by size, hanging baskets). Report geraniums and other outdoor potted blooming annuals in section 2. Report unfinished plant material (prefinished plants, cuttings, liners, plug seedlings, tissue cultured plantlets, etc.) in section 7. If more space is needed, list additional plants on a separate sheet.

Plant name	Code	Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
		Pots under 5 inches	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00
		Hanging baskets	1	\$.00	2	\$.00
			4	\$.00	5	\$.00
		Pots 5 inches or over	8	\$.00	10	\$.00

PLANT NAME

CODE

African violet (Saintpaulia) 0021

Anthurium 2642

Azalea (finished florist showing color) 0033

Begonia 0045

Chrysanthemum (Report hardy/garden chrysanthemums in section 2.) 0057

PLANT NAME

CODE

Cyclamen 0059

Gerbera daisy* 0081

Gloxinia 0093

Hibiscus 0105

Hydrangea 0117

Kalanchoe 0129

PLANT NAME

CODE

Lily, Easter* 0141

Lily, other* 0153

Orchid, dendrobium (bud or bloom)* 0165

Orchid, dendrobium (community)* 0177

Orchid, other* 0189

PLANT NAME

CODE

Poinsettia 0213

Potted flowering spring bulbs* 0225

Primula 0237

Rose* 0249

Other potted flowering plants — Specify 0261

* Report cut flowers in section 3.

1987 CENSUS OF AGRICULTURE

APPENDIX F 245

SECTION 1 POTTED FLOWERING PLANTS FOR INDOOR OR PATIO USE — Continued

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.

1. Flowering plants — POTS

- a. African violets (Saintpaulia)
- b. Azaleas (finished florist showing color)
- c. Chrysanthemums (Exclude hardy/garden mums.)
- d. Lilies, Easter
- e. Lilies, other
- f. Poinsettias
- g. All other potted flowering plants

Total area in production in 1988 (Square feet)	Intentions for production in 1989 (Pots)
X9055	X9081
X9069	X9075
X9062	X9088
X9078	X9082
X9083	X9089
X9090	X9096
X9097	X9103
Intentions for production in 1989 (Number of baskets)	
X9300	

2. Flowering plants — HANGING BASKETS**SECTION 2 Were any BEDDING/GARDEN PLANTS (including flowering and vegetable type bedding plants) grown for sale on this place in 1988?**

- 0002 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 number sold and value of sales by type of container (i.e., flats, pots by size, hanging baskets). Report vegetable transplants for commercial truck crop production in section 11. Report unfinished plant material (plug seedlings, cuttings, liners, tissue cultured plantlets, etc.) in section 7. If more space is needed, list additional plants on a separate sheet.

SPECIAL INSTRUCTIONS FOR REPORTING "FLATS" — Report in 11" X 22" flats or specify other flat size —

		Type of container		Total sales		Wholesale sales only	
				Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00
Plant name <div></div>	Code <div></div>	Flats		1	\$.00	2	\$.00
		Pots less than 5 inches	4	5	\$.00	6	\$.00
		Pots 5 inches or more	8	9	\$.00	10	\$.00
		Hanging baskets	12	13	\$.00	14	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME — Vegetable type bedding plants	CODE
Ageratum	0273	Dusty Miller	0369	Impatiens, New Guinea	0449	Rose, potted garden	0561	Broccoli, cabbage, cauliflower, and other crucifers	0657
Alyssum	0289	Fuchsia	0385	Impatiens, other	0465	Salvia	0577	Pepper, sweet or hot	0673
Begonia	0305	Gazania	0401	Marigold	0481	Snapdragon	0593	Tomato	0689
Chrysanthemum, hardy/garden	0321	Geranium, grown from cuttings	0417	Panay	0497	Verbena	0609	Other vegetable type bedding plants	0705
Coleus	0337	Geranium, grown from seed or seedlings	0433	Perennials, herbaceous	0513	Vinca (Catharanthus roseus)*	0625		
Dianthus	0353			Petunias	0529	Other flowers	0641		
				Portulaca	0545				

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

SECTION 2 BEDDING/GARDEN PLANTS — Continued

		Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00
Plant name <input type="text"/>	Code <input type="text"/>	Flats	1	\$.00	2	\$.00
		Pots less than 5 inches	4	\$.00	8	\$.00
		Pots 5 inches or more	8	\$.00	10	\$.00
		Hanging baskets	12	\$.00	14	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME — Vegetable type bedding plants	CODE
Ageratum	0273	Dusty Miller	0389	Impatiens, New Guinea	0449	Rose, potted garden	0551	Broccoli, cabbage, cauliflower, and other crucifers	0657
Alyssum	0289	Fuchsia	0395	Impatiens, other	0455	Salvia	0577	Pepper, sweet or hot	0673
Begonia	0305	Gazania	0401	Marigold	0481	Snapdragon	0593	Tomato	0689
Chrysanthemum, hardy/garden	0321	Geranium, grown from cuttings	0417	Pansy	0497	Verbena	0609	Other vegetable type bedding plants	0705
Coleus	0337	Geranium, grown from seed or seedlings	0433	Perennials, herbaceous	0513	Vinca (Catharanthus roseus)*	0625		
Dianthus	0353			Petunia	0529	Other flowers	0641		
				Portulaca	0545				

* Report vinca vine (V. major) and vinca 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.

1. Bedding/garden plants — FLATS

a. Geraniums

b. All other flowering and foliar type bedding/garden plants

c. Vegetable type bedding plants (Exclude transplants for commercial production.)

2. Bedding/garden plants — POTS

a. Hardy/garden chrysanthemums

b. Geraniums, grown from cuttings

c. Geraniums, grown from seed or seedlings

d. All other flowering and foliar type bedding/garden plants

e. Vegetable type bedding plants (Exclude transplants for commercial production.)

3. Bedding/garden plants — FLOWERING HANGING BASKETS

Total area in production in 1988		Intentions for production in 1989	
X9117	Sq. ft.	X9121	Flats
X9122	Sq. ft.	X9126	Flats
X9127	Sq. ft.	X9131	Flats
X9132	Sq. ft.	X9138	Pots
X9139	Sq. ft.	X9145	Pots
X9146	Sq. ft.	X9152	Pots
X9153	Sq. ft.	X9159	Pots
X9160	Sq. ft.	X9166	Pots
Intentions for production in 1989 (Number of baskets)			
X9301			

[illegible]

SECTION 5

Were there any NURSERY PLANTS grown for sale on this place in 1988?

0005

1 ☐ YES — Complete parts A and B below.

2 ☐ NO — Go to section 6.

Part A — Complete this part by entering the plant name and code from the list below. Report the number of plants and value of sales for each plant type that was grown for sale. Report unfinished plant material (liners, cuttings, tissue cultured plantlets, etc.) in section 7. Also, report plant material to be grown on by others as prefinished plant material in section 7. If more space is needed, list additional plants on a separate sheet.

		Total sales		Wholesale sales only	
		Number of plants	Dollars only	Number of plants	Dollars only
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00
Plant name	Code	1		2	
		\$	.00	\$	.00

DECIDUOUS SHADE TREES	CODE	DECIDUOUS FLOWERING TREES	CODE	BROAD-LEAF EVERGREENS	CODE	OTHER ENVIRONMENTALS	CODE	FRUIT AND NUT PLANTS	CODE
Ash	0946	Amelanchier	0889	Azalea	1033	Deciduous shrubs		Citrus and subtropical	
Honey locust	0949	Callery pear	0993	Eucalyptus	1037	(except roses)	1081	fruit trees	1106
Linden	0953	Crabapple	0987	Holly	1041	Groundcovers	1085	Deciduous fruit and	
Norway maple	0957	Dogwood	1001	Pittosporum	1045	nut trees	1109	Grapevines	1113
Pin oak	0961	Flowering cherry	1005	Rhododendron	1049	Roses	1093	Small fruit plants	
Red maple	0965	Flowering plum	1009	Other broad-leaf		Other herbaceous plants		(strawberry,	
Red oak	0969	Golden rain	1013	evergreens — Specify	1053	(e.g., hostas, peonies,		blueberry, etc.)	1117
River birch	0973	Hawthorne	1017			daylilies, irises)*	1097	Other fruit and nut	
Sugar maple	0977	Redbud	1021	NARROW-LEAF	CODE	Other environmental —		trees — Specify	1121
Sweet gum	0981	Saucer magnolia	1025	EVERGREENS		Specify	1101		
Other deciduous shade		Other deciduous flowering							
trees — Specify	0985	trees — Specify	1029						

For outdoor use:

Juniper

1057

Pine

1061

Spruce

1065

Yew

1069

Other narrow-leaf

evergreens — Specify

1073

For cut Christmas trees

1077

Part B — How many of the nursery produced plants (ornamental plants, fruit and nut trees, grapevines, and small fruit plants) reported in part A above were —

1. Field grown plants (bare root, balled and burlapped, balled and potted)

☐

2. Container grown plants

☐

3. Other — Specify

☐

		Total		Wholesale sales	
		Number sold	Sales		
None		1125		1127	
		\$	.00	\$	.00
		1128		1130	
		\$	.00	\$	.00
		1131		1133	
		\$	.00	\$	.00

*Report flowering and vegetable bedding plants in section 2.

SECTION 6 Were there any **FOLIAGE PLANTS** grown for sale on this place in 1987?

code 1 ☐ YES — Complete parts A and B below. 2 ☐ NO — Go to section 7.

Part A — Complete this part by entering the plant name and code from the list below. Report the number of plants, and value of sales for each plant type that was grown for sale. Report unfinished plant material to be grown on by others as prefinished plant material in section 7. If more space is needed, list additional plants on a separate sheet.

Plant name	Code	Type of container	Total sales		Wholesale sales only	
			Number of containers sold	Dollars only	Number of containers sold	Dollars only
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00
		Pots under 4 inches	1	\$.00	2	\$.00
		Pots 4 to 7 inches	4	\$.00	6	\$.00
		Pots 8 to 13 inches	8	\$.00	10	\$.00
		Pots 14 to 22 inches	12	\$.00	14	\$.00
		Pots over 22 inches	16	\$.00	18	\$.00
		Hanging baskets under 8 inches	20	\$.00	22	\$.00
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE
Aglaonema	1134	Epipremnum (Pothos)	1246	Palma	1358	Spathiphyllum	1442
Cacti and succulents	1182	Ferns	1274	Philodendron	1388	Syngonium (Nepenthes)	1470
Dieffenbachia	1190	Ficus	1302	Schefflera (Brassia and/or Schefflera)	1414	Other foliage plants — Specify	1488
Dracaena	1218	Hedera (Ivy)	1330				

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SECTION 6 FOLIAGE PLANTS — Continued									
		Type of container	Total sales		Wholesale sales only				
			Number of containers sold	Dollars only	Number of containers sold	Dollars only			
Plant name <div></div>	Code <div></div>	Pots under 4 inches	1	\$.00	2	\$.00			
		Pots 4 to 7 inches	4	\$.00	6	\$.00			
		Pots 8 to 13 inches	8	\$.00	10	\$.00			
		Pots 14 to 22 inches	12	\$.00	14	\$.00			
		Pots over 22 inches	16	\$.00	18	\$.00			
		Hanging baskets under 8 inches	20	\$.00	22	\$.00			
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00			
Plant name <div></div>	Code <div></div>	Pots under 4 inches	1	\$.00	2	\$.00			
		Pots 4 to 7 inches	4	\$.00	6	\$.00			
		Pots 8 to 13 inches	8	\$.00	10	\$.00			
		Pots 14 to 22 inches	12	\$.00	14	\$.00			
		Pots over 22 inches	16	\$.00	18	\$.00			
		Hanging baskets under 8 inches	20	\$.00	22	\$.00			
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00			
Plant name <div></div>	Code <div></div>	Pots under 4 inches	1	\$.00	2	\$.00			
		Pots 4 to 7 inches	4	\$.00	6	\$.00			
		Pots 8 to 13 inches	8	\$.00	10	\$.00			
		Pots 14 to 22 inches	12	\$.00	14	\$.00			
		Pots over 22 inches	16	\$.00	18	\$.00			
		Hanging baskets under 8 inches	20	\$.00	22	\$.00			
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00			
Plant name <div></div>	Code <div></div>	Pots under 4 inches	1	\$.00	2	\$.00			
		Pots 4 to 7 inches	4	\$.00	6	\$.00			
		Pots 8 to 13 inches	8	\$.00	10	\$.00			
		Pots 14 to 22 inches	12	\$.00	14	\$.00			
		Pots over 22 inches	16	\$.00	18	\$.00			
		Hanging baskets under 8 inches	20	\$.00	22	\$.00			
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00			
Plant name <div></div>	Code <div></div>	Pots under 4 inches	1	\$.00	2	\$.00			
		Pots 4 to 7 inches	4	\$.00	6	\$.00			
		Pots 8 to 13 inches	8	\$.00	10	\$.00			
		Pots 14 to 22 inches	12	\$.00	14	\$.00			
		Pots over 22 inches	16	\$.00	18	\$.00			
		Hanging baskets under 8 inches	20	\$.00	22	\$.00			
		Hanging baskets 8 inches or more	24	\$.00	26	\$.00			

PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE	PLANT NAME	CODE
Aglaonema	1134	Epipremnum (Pothos)	1246	Palms	1368	Spathiphyllum	1442
Cacti and succulents	1182	Ferns	1274	Philodendron	1386	Syngonium (Nepthytis)	1470
Dieffenbachia	1190	Ficus	1302	Schefflera (Brassia and/or Schefflera)	1414	Other foliage plants — Specify	1498
Dracaena	1218	Hedera (ivy)	1330				

Part B — Complete this part for FOLIAGE PLANTS FOR INDOOR OR PATIO USE grown for sale in 1988. Enter the area in production (including walkways, aisles, etc.) in 1988, total value of sales in 1988 for potted foliage plants, total value of wholesale sales in 1988 for potted foliage plants, and intentions for production in 1989 for the plants listed.

	Total area in production in 1988 (Square feet)	Total cost for unfinished foliage plants and rooted foliage cuttings purchased from others in 1988 for "Growing On" (Dollars)	Total value of sales (wholesale and retail) of potted foliage plants grown by you in 1988 (Dollars)	Total value of wholesale sales of potted foliage in 1988 (Dollars)	Intentions for potted foliage production in 1989 (Square feet)
1. Foliage plants — POTS	X9112	X9114	X9113	X9115	X9116
		\$.00	\$.00	\$.00	
2. Foliage plants — HANGING BASKETS					X9111

Intentions for production in 1989 (Number of baskets)

SECTION 7 Were any **UNFINISHED PLANT MATERIALS** (For example, cuttings, liners, plug seedlings, tissue cultured plantlets, prefinished plants, etc.) grown/produced for sale on this place in 1988? (Exclude material for your own use.)

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.

2 ☐ NO — Go to section 8.

Type of unfinished plant material	Total sales		Wholesale sales only	
	Number sold	Dollars only	Number sold	Dollars only
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00
Cuttings	1	\$.00	2	\$.00
Liners	4	\$.00	6	\$.00
Plug seedlings	8	\$.00	10	\$.00
Prefinished plants	12	\$.00	14	\$.00
Tissue cultured plantlets	16	\$.00	18	\$.00

PLANT NAME — Potted flowering	CODE	PLANT NAME — Bedding/ Garden	CODE	PLANT NAME — Cut flower	CODE	PLANT NAME — Nursery	CODE	PLANT NAME — Foliage	CODE
African violet (Saintpaulia)	1526	Chrysanthemum, hardy/ garden	1726	Carnation, standard	1846	Broad-leaf evergreens	2046	Aglaonema	2266
Azalea	1546	Geranium from cuttings	1746	Carnation, miniature	1866	Citrus and subtropicals	2066	Dieffenbachia	2286
Chrysanthemum	1566	Geranium from seed or seedlings	1766	Chrysanthemum, standard	2654	Deciduous flowering trees	2086	Dracaena	2306
Gerbera daisy	1586	Impatiens, New Guinea	1786	Chrysanthemum, pompon	1886	Deciduous fruit and nut trees	2106	Epipremnum (Pothos)	2326
Hibiscus	1606	Rose	1806	Gerbera daisy	1906	Deciduous shade trees	2126	Ferns	2346
Kalanchoe	1626	Other bedding/garden plants — Specify	1826	Orchid, cattleya	1926	Deciduous shrubs	2146	Ficus	2366
Lily	1646			Orchid, cymbidium	1946	Herbaceous plants	2166	Palms	2386
Poinsettia	1666			Orchid, other	1966	Narrow-leaf evergreens	2186	Philodendron	2406
Rose	1686			Rose, hybrid tea	1986	Roses	2206	Schefflera (Brassia and/or Schefflera)	2426
Other potted flowering plants — Specify	1706			Rose, sweetheart	2006	Vines (landscape)	2226	Spthiphyllum	2446
				Other cut flowers — Specify	2026	Other nursery lining-out stock — Specify	2246	Synonium (Nephtytis)	2466
								Other foliage plants — Specify	2486

SECTION 8 Was SOD grown for sale on this place in 1988?									
0008 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 9.									
Acres harvested					Value of gross sales in 1988 (Dollars only)				
Whole acres		Tenths		Total		Wholesale sales			
2506		/10		2507		2508		2509	
				\$		.00		.00	
1. Sod grown for sale									
SECTION 9 Were any DRIED BULBS, CORMS, RHIZOMES, OR TUBERS (TO BE USED FOR FORCING) grown for sale on this place in 1988?									
0009 1 <input type="checkbox"/> YES — Complete this section. Report finished forced products in appropriate sections 1 and/or 3. 2 <input type="checkbox"/> NO — Go to section 10.									
Acres harvested					Value of gross sales in 1988 (Dollars only)				
Whole acres		Tenths		Total		Wholesale sales			
2509		/10		2510		2511		2512	
				\$		.00		.00	
1. Dried bulbs, corms, rhizomes, or tubers grown for sale									
SECTION 10 Were any CULTIVATED MUSHROOMS grown for sale on this place in 1988? — See information sheet.									
0010 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 11.									
Pounds produced			Bed area (Square feet)			Value of gross sales in 1988 (Dollars only)			
2512			2513			Total		Wholesale sales	
						\$		.00	
1. Cultivated mushrooms									
SECTION 11 Were any GREENHOUSE PRODUCED VEGETABLES, VEGETABLE TRANSPLANTS FOR COMMERCIAL TRUCK CROP PRODUCTION OR VEGETABLE SEEDS grown/produced for sale on this place in 1988?									
0011 1 <input type="checkbox"/> YES — Complete parts A, B, and C below. Report bedding vegetable plants in section 2. 2 <input type="checkbox"/> NO — Go to section 12.									
Part A — GREENHOUSE PRODUCED VEGETABLES — Enter the information below. Report bedding vegetable plants in section 2. If more space is needed, list additional plants on a separate sheet.									
<input type="checkbox"/> None									
1. Cucumbers 2. Lettuce 3. Peppers 4. Tomatoes 5. Other greenhouse produced vegetables — Specify <u>✓</u>									
Square feet under glass or other protection used in 1988					Value of gross sales in 1988 (Dollars only)				
2516					Total		Wholesale sales		
2517					2518		2519		
\$					.00		.00		
2520					2521		2522		
\$					.00		.00		
2523					2524		2525		
\$					.00		.00		
2526					2527		2528		
\$					.00		.00		
2529					2530		2531		
\$					.00		.00		
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.									
<input type="checkbox"/> None									
1. Broccoli, cabbage, cauliflower, and other crucifers 2. Peppers, sweet or hot 3. Tomatoes 4. Other vegetable transplants for commercial truck crop production — Specify <u>✓</u>									
Area used in 1988					Value of gross sales in 1988 (Dollars only)				
Square feet under glass or other protection		Acres in the open		Total		Wholesale sales			
2532		2533		2534		2535			
/10		\$		.00		.00			
2536		2537		2538		2539			
/10		\$		.00		.00			
2540		2541		2542		2543			
/10		\$		.00		.00			
2544		2545		2546		2547			
/10		\$		.00		.00			
Part C — VEGETABLE SEEDS — Enter the information below.									
<input type="checkbox"/> None									
1. Vegetable seeds									
SECTION 12 Were any FLOWER SEEDS produced for sale on this place in 1988?									
0012 1 <input type="checkbox"/> YES — Complete this section. 2 <input type="checkbox"/> NO — Go to section 13.									
Acres grown					Production (Pounds of clean seed)		Value of gross sales in 1988 (Dollars only)		
Whole acres		Tenths		Total		Wholesale sales			
2551		/10		2552		2553		2554	
\$		.00		\$		.00		.00	
2555		/10		2556		2557		2558	
\$		.00		\$		.00		.00	
2559		/10		2560		2561		2562	
\$		.00		\$		.00		.00	
2563		/10		2564		2565		2566	
\$		.00		\$		.00		.00	
2567		/10		2568		2569		2570	
\$		.00		\$		.00		.00	
2571		/10		2572		2573		2574	
\$		.00		\$		.00		.00	
2575		/10		2576		2577		2578	
\$		.00		\$		.00		.00	
2579		/10		2580		2581		2582	
\$		.00		\$		.00		.00	
2583		/10		2584		2585		2586	
\$		.00		\$		.00		.00	
1. Alyssum 2. Delphinium 3. Marigold 4. Nasturtium 5. Petunia 6. Stock 7. Sweet pea 8. Verbena 9. All other flower seeds — Specify <u>✓</u>									

SECTION 13 LAND, STRUCTURES, EQUIPMENT, AND IRRIGATION						Dollars only					
1. What is your best estimate of the current market value of land and buildings owned and/or rented by this business on December 31, 1988?						2587	\$.00				
2. What is the estimated market value of all machinery and equipment usually kept on this place and used for the horticultural operations?						2588	\$.00				
3. Did you have land area covered by greenhouses in 1988?											
2589 1 <input type="checkbox"/> YES — Complete items a through e below. (Report area only once. Include aisles, walkways, etc.). 2 <input type="checkbox"/> NO — Go to item 4 below.						None					
a. How much of the greenhouse area was under glass?						2590	Square feet				
b. How much of the greenhouse area was under fiberglass and other rigid plastic covers?						2591	Square feet				
c. How much of the greenhouse area was covered by plastic film (single or double cover)?						2592	Square feet				
d. TOTAL LAND AREA COVERED BY GREENHOUSES — Should equal the sum of a + b + c.						2593	Square feet				
e. How much of the greenhouse area was new greenhouse space erected during 1988?						2594	Square feet				
4. How much "other covered space" — slat, saran, shade houses, and other covers — was used for the production of florist crops (Report area only once. Include aisles, walkways, etc.)?						2574	Square feet				
5. How many open ground acres were used for the production of florist crops (Report area only once. Include aisles, walkways, etc.)?						2575	Acres Tenths /10				
6. Did you produce potted flowering plants, bedding/garden plants, cut flowers, cut cultivated florist greens, nursery plants, or foliage plants in 1988?											
2595 1 <input type="checkbox"/> YES — Complete items a through d below. 2 <input type="checkbox"/> NO — Go to item 7 below.											
Report area for each horticultural category listed below. For example, if two crops of bedding/garden plants were harvested from 1,000 square feet, report 1,000 square feet in the "bedding/garden plants" category. If 500 square feet of potted flowering plants were also grown in the same area, report 500 square feet in the "potted flowering plants" category and 1,000 square feet in the "bedding/garden plants" category.											
Potted flowering plants		Bedding/garden plants (include vegetable type bedding plants.)		Cut flowers		Cut cultivated florist greens		Nursery crops (include propagating area.)		Foliage plants	
2596		2597		2598		2599		2600		2601	
Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.	
2602		2603		2604		2605		2606		2607	
Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.		Sq. ft.	
2608		2609		2610		2611		2612		2613	
Whole acres Tenths		Whole acres Tenths		Whole acres Tenths		Whole acres Tenths		Whole acres Tenths		Whole acres Tenths	
/10		/10		/10		/10		/10		/10	
2614		2615		2616		2617		2618		2619	
/10		/10		/10		/10		/10		/10	
7. Did you irrigate land in 1988? (Exclude land covered by greenhouses.)											
2620 1 <input type="checkbox"/> YES — Complete items a through c below. 2 <input type="checkbox"/> NO — Go to section 14.											
None											
a. How many acres were irrigated for the outdoor production of nursery plants?											
2621											
/10											
b. How many acres were irrigated for the outdoor production of sod?											
2622											
/10											
c. How many acres were irrigated for the production of other horticultural crops grown in the open?											
2623											
/10											
SECTION 14 SALES IN 1988 — Report figures to the nearest WHOLE DOLLAR. If book figures are not available, give your best estimate.											
1. What were your gross sales during 1988 of all greenhouse plants, outdoor-grown floricultural plants, and nursery plants grown — potted flowering plants, bedding/garden plants, cut flowers, cut cultivated florist greens, nursery plants, foliage plants, unfinished, prefinished, and starter florist plants, greenhouse vegetables, vegetable transplants for commercial truck crop production, vegetable and flower seeds, sod, dried bulbs, corms, rhizomes, tubers, and cultivated mushrooms? — Do not include the sale of fertilizer, lime, spray materials, garden tools, etc.											
None											
2624											
\$.00											
2625											
\$.00											
2626											
\$.00											
2627											
\$.00											
SECTION 15 SELECTED PRODUCTION EXPENSES FOR THE TOTAL HORTICULTURAL OPERATION IN 1988 — Report figures to the nearest WHOLE DOLLAR. If book figures are not available, give your best estimate.											
None											
2628											
\$.00											
2629											
\$.00											
2630											
\$.00											
2631											
\$.00											

SECTION 16

GREENHOUSE, NURSERY, AND OTHER HORTICULTURAL LABOR USED ON THIS PLACE IN 1988 — Exclude employees not directly involved in growing operation, e.g., garden center clerks.

None

Number of employees

Gross wages paid (Dollars only)

1. What was the total of the gross wages paid, including employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc., for this business during 1988?

2832

\$

.00

2. Of the hired workers in 1988, how many were —

a. Part-time employees (worked less than 150 days)?

2833

\$

.00

b. Full-time employees (worked 150 days or more)?

2834

\$

.00

SECTION 17

TYPE OF HORTICULTURAL OPERATION AND LOCATION OF GROWING OPERATION(S) IN 1988

1. Type of ownership — Mark (X) the appropriate box.

2837

☐ Individual proprietor

☐ Partnership

☐ Corporation

☐ Other — Specify _____

2. Location of growing operation(s) — Give the county location of the growing operation(s) included in this report form.

	County	State	Percent of sales
Principal county →			2838
Other counties {			2839
			2840
			2841

SECTION 18

REMARKS AND EXPLANATIONS — If you reported no sales in sections 1 through 12, please explain here the type of horticultural enterprise, if any, you operated in 1988. Also add any other remarks here. Use additional sheet(s), if necessary.

SECTION 19

PERSON COMPLETING THIS REPORT — Please print.

Name

Date

Address (Number and street, city, State, ZIP Code)

Telephone

Area code

Number

FORM 88-A19.2 (I)
(11-9-88)

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

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.

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 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 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.

► **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 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 not 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) 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

FORM **88-A62**
(10-3-88)

1988 FARM AND RANCH IRRIGATION SURVEY

COMPLETE AND RETURN TO

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

NOTE

Consider as irrigated all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include preplant, partial, supplemental, or semi-irrigation. Include irrigation of pastureland, hayland, nonbearing orchardland, and cropland from which no crops were harvested in 1988. See additional instructions on the separate instruction sheet.

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS **CONFIDENTIAL**. It may be seen only by sworn Census 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**.

Please mention the Census File Number (the 11-digit number in the upper left corner of the address label) if you write to us about this report.
(Please correct any error in name, address, and ZIP Code)

CENSUS USE ONLY	010	012	014	016	018	020	021	022
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OMB No. 0607-0634; Approval Expires 12/90

Item 1 Was any land on the farm or ranch you operated irrigated at any time in 1988?

024 1 ☐ YES — Complete items 2 through 14 and 16 2 ☐ NO — Skip to item 15

Item 2 ACREAGE IN 1988

	None	Number of acres
a. All land owned	<input type="checkbox"/>	025
b. All land rented or leased from others, including land worked on shares, used rent free, in exchange for services, payments of taxes, etc. Include leased Federal, State, and railroad land. (Do not include land used on a per-head basis under a grazing permit.)	<input type="checkbox"/>	026
c. All land rented or leased to others, including land worked on shares by others and land subleased. (Do not include acres enrolled in the Conservation Reserve Program as land rented to others.)	<input type="checkbox"/>	027
d. TOTAL ACRES IN THIS PLACE — ADD acres owned (item a) and acres rented (item b), then SUBTRACT acres rented to others (item c), and enter your answer in this space.		028

Item 3 LAND USE IN 1988

1. Distribute all acres in this place in column (1) and all irrigated land in this place in column (2) among items a through d. If the same land had more than one use in 1988, report that land only once in the first use listed below that applies. (Please refer to the INSTRUCTION SHEET.)

	None	Number of acres (1)	None	Number of acres irrigated in 1988 (2)
a. Cropland				
(1) Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, and vineyards	<input type="checkbox"/>	029	<input type="checkbox"/>	030
(2) Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements	<input type="checkbox"/>	031	<input type="checkbox"/>	032
(3) Other cropland — Include cropland used for cover crops, cropland on which all crops failed, cropland in cultivated summer fallow, and cropland idle	<input type="checkbox"/>	033	<input type="checkbox"/>	034
b. Woodland — Include woodland pastured and woodland not pastured	<input type="checkbox"/>	035		
c. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture	<input type="checkbox"/>	037	<input type="checkbox"/>	038
d. All other land — Include any land not reported above. Include land in house lots, barn lots, corals, ponds, roads, wasteland, etc.	<input type="checkbox"/>	039		
e. TOTAL ACRES — Please sum columns 1 and 2 and enter the totals in these spaces. (Acres "IN THIS PLACE" should be equal to item 2d above.)		041 "IN THIS PLACE"		042 IRRIGATED
f. How many of the acres in 3e have been laser leveled?	<input type="checkbox"/>			040

2. Irrigated and non-irrigated yields from selected crops harvested from this place in 1988

(Please refer to the INSTRUCTION SHEET)

	None	Irrigated crop Include preplant and supplemental or semi-irrigation			Non-irrigated crop	
		Irrigated acres harvested	Average yield per irrigated acre harvested	Estimated quantity of water applied per acre Average acre-feet or Total inches	Non-irrigated acres harvested	Average yield per non-irrigated acre harvested
a. Corn (field) for grain or seed	<input type="checkbox"/>	050	1 Bushels, shelled	2 1/10 or 3	4	5 Bushels, shelled
b. Corn (field) for silage or green chop	<input type="checkbox"/>	060	1 Tons, green	2 1/10 or 3	4	5 Tons, green
c. Sorghum for grain or seed	<input type="checkbox"/>	070	1 Bushels	2 1/10 or 3	4	5 Bushels
d. Wheat for grain	<input type="checkbox"/>	080	1 Bushels	2 1/10 or 3	4	5 Bushels
e. Barley for grain	<input type="checkbox"/>	090	1 Bushels	2 1/10 or 3	4	5 Bushels
f. Soybeans for beans	<input type="checkbox"/>	100	1 Bushels	2 1/10 or 3	4	5 Bushels
g. Beans, dry edible	<input type="checkbox"/>	110	1 Cwt.	2 1/10 or 3	4	5 Cwt.
h. Rice	<input type="checkbox"/>	120	1 Cwt.	2 1/10 or 3		
i. Other small grains (oats, rye, etc.)	<input type="checkbox"/>	130		2 1/10 or 3	4	
j. Alfalfa and alfalfa mixtures for hay or dehydrating	<input type="checkbox"/>	140	1 Tons, dry	2 1/10 or 3	4	5 Tons, dry
k. All other hay including wild or native hay	<input type="checkbox"/>	150	1 Tons, dry	2 1/10 or 3	4	5 Tons, dry
l. Peanuts for nuts	<input type="checkbox"/>	160	1 Pounds	2 1/10 or 3	4	5 Pounds
m. Cotton	<input type="checkbox"/>	170	1 Lbs. lint	2 1/10 or 3	4	5 Lbs. lint
n. Sugar beets for sugar	<input type="checkbox"/>	180	1 Tons	2 1/10 or 3	4	5 Tons
o. Tobacco, all types	<input type="checkbox"/>	190	1 Pounds	2 1/10 or 3	4 1/10	5 Pounds
p. Potatoes, Irish	<input type="checkbox"/>	200	1 Cwt.	2 1/10 or 3	4 1/10	5 Cwt.
q. Land from which vegetables were harvested	<input type="checkbox"/>	210		2 1/10 or 3	4	
r. Berries	<input type="checkbox"/>	220		2 1/10 or 3	4	
s. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees	<input type="checkbox"/>	230		2 1/10 or 3	4 1/10	
t. All other crops — Specify	<input type="checkbox"/>			2 1/10 or 3		
u. Pastureland, all types	<input type="checkbox"/>			2 1/10 or 3		

Item 4 METHOD OF WATER DISTRIBUTION IN 1988 — Report acres irrigated by each type of FIELD distribution system listed below. If same land was irrigated by more than one method, report acres irrigated by each method used. (Please refer to the INSTRUCTION SHEET.)

		None	Acres irrigated	
a. Sprinkler irrigation				
(1) Center pivot				
a. High pressure (60 PSI or greater)	<input type="checkbox"/>		870	
b. Low pressure (under 60 PSI)	<input type="checkbox"/>		871	
(2) Mechanical-move				
a. Low Energy Precision Application (LEPA) — Application of water below leaf canopy	<input type="checkbox"/>		872	
b. All other mechanical move systems	<input type="checkbox"/>		873	
(3) Hand move	<input type="checkbox"/>		243	
(4) Solid set and permanent system	<input type="checkbox"/>		244	
b. Gravity irrigation				
(1) Gated pipe	<input type="checkbox"/>		245	
(2) Open ditch, siphon tubes	<input type="checkbox"/>		246	
(3) Flooding from underground pipe with valves, ditches, canals, dikes, and any other gravity method (excluding methods reported above)	<input type="checkbox"/>		247	
c. Drip or trickle irrigation				
(1) Drip or trickle	<input type="checkbox"/>		248	
d. Subirrigation (water applied beneath the ground, maintenance of water table at a predetermined depth)		<input type="checkbox"/>	249	

Item 5 METHOD OF WATER DISTRIBUTION, IRRIGATION FREQUENCY, AND APPLICATION OF COMMERCIAL FERTILIZERS AND PESTICIDES IN IRRIGATION WATER BY SELECTED CROPS IN 1988
(Please refer to the INSTRUCTION SHEET)

	None	Method of water distribution				Application of commercial fertilizer or pesticides in irrigation water		How many times were crops irrigated?				
		Sprinkler	Gravity	Drip or trickle	Sub-irrigation	Commercial fertilizer	Pesticide application	Less than 3	3 to 7	8 or more		
a. Corn (field) for grain or seed	<input type="checkbox"/>	250	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	800	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
b. Corn (field) for silage or green chop	<input type="checkbox"/>	260	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	803	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
c. Sorghum for grain or seed	<input type="checkbox"/>	270	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	808	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
d. Wheat for grain	<input type="checkbox"/>	280	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	809	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
e. Barley for grain	<input type="checkbox"/>	290	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	812	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
f. Soybeans for beans	<input type="checkbox"/>	300	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	815	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
g. Beans, dry edible	<input type="checkbox"/>	310	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	818	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
h. Rice	<input type="checkbox"/>	320	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	821	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
i. Other small grains (oats, rye, etc.)	<input type="checkbox"/>	330	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	824	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
j. Alfalfa and alfalfa mixtures for hay or dehydrating	<input type="checkbox"/>	340	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	827	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
k. All other hay including wild or native hay	<input type="checkbox"/>	350	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	830	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
l. Peanuts for nuts	<input type="checkbox"/>	360	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	833	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
m. Cotton	<input type="checkbox"/>	370	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	836	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
n. Sugar beets for sugar	<input type="checkbox"/>	380	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	839	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
o. Tobacco, all types	<input type="checkbox"/>	390	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	842	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
p. Potatoes, Irish	<input type="checkbox"/>	400	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	845	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
q. Land from which vegetables were harvested	<input type="checkbox"/>	410	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	848	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
r. Berries	<input type="checkbox"/>	420	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	851	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
s. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees	<input type="checkbox"/>	430	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	854	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
t. All other crops	<input type="checkbox"/>	440	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	857	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
u. Pastureland, all types	<input type="checkbox"/>	450	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	860	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>

Item 6 ACRES IRRIGATED AND ESTIMATED QUANTITY OF WATER USED IN 1988 BY SOURCE
Report quantity of water in the unit or units of measure most convenient for you. If measurements are not available, give your best estimate for quantity of water used. If average acre-feet cannot be estimated, give combined pumping capacity and duration in days, or total depth of water applied.

a. Ground water from a well or wells located on this farm or another farm. ☐ None 444 Acres irrigated
Estimated quantity of water used in 1988 — Report in unit most convenient for you

(1) Average acre-feet per acre irrigated (one acre-foot covers one acre one foot deep) ... 445 /10
OR
(2) Gallons of water applied and duration ... 446 Total gallons per minute
OR
(3) Total inches applied — Include all applications ... 447 No. of 24 hour day equivalents water was applied.
448 Total inches

b. On-farm surface supply not controlled by a water supply organization (stream, drainage ditch, lake, pond, spring, or reservoir on or adjacent to this farm). ☐ None 449 Acres irrigated
Estimated quantity of water used in 1988 — Report in unit most convenient for you

(1) Average acre-feet per acre irrigated (one acre-foot covers one acre one foot deep) ... 450 /10
OR
(2) Gallons of water applied and duration ... 451 Total gallons per minute
OR
(3) Total inches applied — Include all applications ... 452 No. of 24 hour day equivalents water was applied.
453 Total inches

Item 6 ACRES IRRIGATED AND ESTIMATED QUANTITY OF WATER USED IN 1988 BY SOURCE — Continued					
c. Off-farm water suppliers (U.S. Bureau of Reclamation; irrigation district; mutual, private, cooperative, or neighborhood ditches; commercial company or municipal or community water system)? None — Go to item 7					454
					Acres irrigated
(1) How much water was received? 455					Total acre-feet
(2) Total cost of water received — Include all assessments, fees, or charges paid to water suppliers 456					Dollars only
a. If water was received at no cost, check 457					1 <input type="checkbox"/> No cost
(3) Did you allow any of your regular allocation of water to be used by others in 1988? 458					1 <input type="checkbox"/> Yes — Enter number of acre-feet
					2 <input type="checkbox"/> No
Item 7 NUMBER OF IRRIGATION WELLS ON THIS PLACE IN 1988, WELL DEPTH, AND PUMPING CAPACITY					
a. Wells used in 1988 460					Number of wells used
		Enter number of feet			
	Well number 1	Depth of well	Depth to water at start of irrigation season	Pumping depth (Depth to bowls or impellers)	Pump capacity (Discharge from well) GPM
(1) For places with 5 or less wells pumped in 1988, report the following information	Well number 2	461	1	2	676
	Well number 3	465	1	2	677
	Well number 4	469	1	2	678
	Well number 5	473	1	2	679
	Well number 6	477	1	2	680
(2) For places with more than 5 wells pumped in 1988, report the average for all wells		Average depth of well	Average depth to water at start of irrigation season	Average pumping depth (Depth to bowls or impellers)	Average pump capacity (Discharge from well) GPM
All wells		481	1	2	681
b. Wells not used in 1988, but capable of being used (Exclude abandoned wells.) 485					Number of wells not used
c. Does any part of your system contain back-flow-prevention devices? 486					1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
Item 8 PUMPS, OTHER THAN WELL PUMPS, ON THIS PLACE IN 1988					
Report all pumps on this place, whether they are in service or not, USED FOR — None					Number of pumps
a. Tailwater pits 490					Average discharge capacity GPM
b. Ponds, lakes, reservoirs, rivers, etc. 492					491
c. Relifting or boosting water within system 494					493
Item 9 ENERGY USE ON THIS PLACE IN 1988 FOR PUMPING IRRIGATION WATER BY POWER SOURCE — Include 1988 fuel adjustment cost. (Please refer to the INSTRUCTION SHEET.)					
		Number of wells or pumps powered by type of energy used		Total cost of fuel used	
				Dollars Cents	
a. Electricity 495		496		554	
b. Natural gas 498		499		500	
c. LP gas, propane, or butane 501		502		503	
d. Diesel fuel 504		505		506	
e. Gasoline and gasohol 507		508		509	
Item 10 MAINTENANCE AND REPAIR COSTS FOR IRRIGATION EQUIPMENT AND FACILITIES ON THIS PLACE IN 1988					
(Please refer to the INSTRUCTION SHEET)					
Include expenditures incurred in day-to-day operations; all other expenditures should be reported in item 11.					
Amount spent for maintenance and repairs of irrigation equipment and facilities in 1988, including maintenance of on-farm ditches. Include landlord's share — Give estimate if actual figures are unavailable. 510					
Dollars Cents					
510 \$ 00					
Item 11 EXPENDITURES IN 1988 FOR IRRIGATION WELLS, PUMPS, EQUIPMENT, AND OTHER IRRIGATION FACILITIES ON THIS PLACE					
(Please refer to the INSTRUCTION SHEET)					
Report expenditures in 1988 for irrigation facilities on this place whether made by you or someone else. Include landlord's share — Give estimates if actual figures are unavailable.					
		Total expenditures		Purpose of expenditure	
		Dollars Cents		Mark (X) principal purpose	
a. Purchase of irrigation equipment and machinery — Include sprinklers, pipes, siphons, nozzles, pumps, motors, engines, etc., at net cost 511		511		Replacement	
b. New well construction or deepening of existing wells — Include drilling costs, cost of casing, and any costs to prepare well for installation of pump. (Do not include cost of pumps and motors.) 515		515		Conservation	
c. Construction or improvement of permanent storage and distribution systems (dams, ponds, reservoirs, permanent ditches, canals, flumes, etc.) 519		519		New expansion	
d. Land clearing and leveling for irrigation purposes 523		523		524	

Item 12 IRRIGATION PRACTICES IN 1988**a. How did you decide when to apply water in 1988? — Mark (X) all that apply**

- 527 ☐ 1 Condition of crop (observation)
☐ 2 Feel of the soil
☐ 3 Use of soil moisture sensing devices such as moisture blocks or tensiometers
☐ 4 Use of commercial scheduling service
☐ 5 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 yields?

- 669 ☐ 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 organizations, etc.)
☐ 2 Shortage of ground water (lowering water level of wells or depletion of ground water)
☐ 3 Irrigation equipment failure
☐ 4 Energy shortage
☐ 5 Poor water quality
☐ 6 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?**

- a. Prevent freeze damage ☐
 b. Crop cooling to delay early budding or blooming ☐
 c. Leaching to remove salts from the soil (salinity control) ☐
 d. Other — land disposal of liquid livestock waste, etc. — Specify ☒

None

Acres on which applied	
440	
441	
442	
443	

Item 14 WATER MANAGEMENT PRACTICES FOR OPERATORS USING GRAVITY IRRIGATION**Did you use gravity irrigation to irrigate any land in 1988 (acres reported in item 4b)?**

- 671 ☐ 1 Yes — If "Yes", answer the following: ☒ 2 No — Go to item 15

On how many acres did you use these techniques?

- a. Irrigation water captured for further use (tailwater pits) ☐
 b. Surge flow or cablegation technique ☐
 c. Use of any special furring techniques, such as wide-spaced bed furrowing, compacted furrowing, or furrow diking — Specify technique used ☒

None

Number of acres	
672	
673	
674	

Item 15 IRRIGATED LAND IN 1987**a. Was any land irrigated on this place in 1987? Do not answer this item if you irrigated any land in 1988.**

- 528 ☐ 1 Yes — Answer b and c below ☒ 2 No — Go to item 16

b. Reason for not irrigating in 1988 — 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 supply organizations, etc.)
☐ 3 Shortage of ground water (lowering water level of wells or depletion of ground water)
☐ 4 Irrigation uneconomical due to high fuel and power costs and/or low commodity prices
☐ 5 Irrigation equipment failure
☐ 6 Loss of water rights
☐ 7 Sold water rights
☐ 8 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	Date	Telephone	
		Area code	Number

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 semi-irrigation 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

DUE DATE: 30 DAYS AFTER RECEIPT OF FORM

OMB No. 0607-0630; Approval Expires 09/30/90

FORM **88-A9A**
(9-12-88) U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1988 AGRICULTURAL ECONOMICS AND LAND OWNERSHIP SURVEY

OPERATOR'S REPORT

Please complete this
form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

The financial needs of the American farmers are changing.
It is important to know facts such as:

The relative debt burden of farmers
The capital investment, operating expenditures, and
the amount and sources of income of farmers

These and many other financial problems can be examined only by
obtaining information from you and the other survey respondents. Please
give the best answers you can, making estimates when you do not have
exact figures. Your answers will be combined with others so that
confidentiality is maintained. Please answer each question that applies
to you.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

88-A9A

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1 ACREAGE IN 1988 AND CURRENT MARKET VALUE of land and buildings (See information sheet.) Include all cropland, pastureland, woodland, wasteland, idle land, house lots, etc.

- ALL FARM AND RANCH LAND OWNED ☐
- ALL land rented or leased FROM OTHERS, including land worked on shares; leased Federal, State, and railroad land; and land used rent free. (Do NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below. ☐
- ALL land rented or leased TO OTHERS, including land worked on shares by others and land subleased. (Do NOT include land enrolled in the Conservation Reserve Program.) ☐
- TOTAL ACRES IN "THIS PLACE"** (Please ADD acres owned (item 1 above) and acres rented (item 2 above), then SUBTRACT acres rented to others (item 3 above), and enter your answer in this space.)
"THIS PLACE" means your farm or ranch, feedlots, poultry houses, greenhouses, and/or any other agricultural operations.
- If you rented land FROM OTHERS (item 2 above), please enter the following information for each landlord:

Name of landlord	Mailing address of landlord	Number of acres rented
First name, middle initial, last name	Number and street or rural route and box number City State ZIP Code	280
First name, middle initial, last name	Number and street or rural route and box number City State ZIP Code	281
First name, middle initial, last name	Number and street or rural route and box number City State ZIP Code	282
First name, middle initial, last name	Number and street or rural route and box number City State ZIP Code	283
First name, middle initial, last name	Number and street or rural route and box number City State ZIP Code	284

6. If you have more than the 5 landlords listed above, how many additional landlords do you have? List these additional landlords on the continuation sheet.

Number
061

None	Acres cash leased	Total cash rent	
		Dollars	Cents
	062	063	00

7. How much total cash rent did you pay for acres leased during 1988? ☐

PLEASE READ

You may be able to skip most of this form if

- All the land you owned or rented from others was rented to or worked on shares by someone else in 1988.
 - There were no crops or livestock in 1988 on the acres in "THIS PLACE" (item 4 above).
 - The land you operated before 1988 has been sold and is now operated by someone else.
- If a, b, or c apply to your operation, please explain in section 13. Complete section 14 and mail back the report form in the return envelope.

8. Was any farm or ranch land sold by you in 1988 for —

- Farming or ranching purposes? ☐
- Other purposes? ☐

None	Acres	Sales value	
		Dollars	Cents
	064	065	00
	066	067	00

9. Was "THIS PLACE" described in item 4 above a managed operation where the operator was employed as a farm manager? ☐

203 1 ☐ YES 2 ☐ NO

10. In 1988, did you purchase professional or farm management services such as recordkeeping, farm practices advice, financial planning, rent collection, etc.? ☐

204 1 ☐ YES 2 ☐ NO

SECTION 2

AGRICULTURAL LAND OWNERSHIP

The following questions refer to acres owned as reported in section 1, item 1. IF NO LAND WAS OWNED, SKIP TO SECTION 3.

Acres

Estimated market value

Dollars

Cents

140

142

143

\$

00

1a. Copy reported acres from section 1, item 1 . . .

140

1b. How many of these acres owned during 1988 were still owned by you on December 31, 1988? Report the market value of these owned acres.

142

143

\$

00

2. Using the market value reported in item 1b above as the TOTAL VALUE, please estimate the market value of the following:

None

051

\$

00

052

\$

00

053

\$

00

055

\$

00

a. Operator dwelling if on acres in 1b

b. Dwelling(s) for hired labor if on acres in 1b

c. All other buildings and structures on acres in 1b

d. Land (excluding buildings)

3. Of the land owned by you on December 31, 1988 (item 1b), how many acres were obtained by:

None

Acres

144

145

146

147

148

a. Purchase from non-relative

b. Purchase from relative

c. Inheritance or gift

d. Other — Specify

TOTAL (Should equal acres in item 1b)

148

4. For all the farm and ranch land owned on December 31, 1988 (item 1b), please report the number of acres in the following land use categories:

None

Acres

171

172

173

174

175

176

177

a. Cropland

b. Orchard/vineyard

c. Cropland used for permanent pasture

d. All other pasture or rangeland

e. Forest/woodland not pastured

f. Other (farmstead, wasteland, roads, ditches, etc.)

TOTAL (Should equal acres in item 1b)

177

5. Please report land ACQUIRED and/or SOLD or DISPOSED OF during each specified time period and the total acreage OWNED at the end of each specified time period (December 31).

Land owned on December 31 of year below

Land owned (Acres) (1)

Date

Land acquired (Acres) (2)

Land sold or disposed of (Acres) (3)

1988

178

During 1988

184

189

1987

179

1983 — 1987

185

190

1982

180

1979 — 1982

186

191

1978

181

1975 — 1978

187

192

1974

182

1970 — 1974

188

193

1969

183

IF NO LAND ACQUIRED IN 1988 — SKIP TO ITEM 7.

6a. If you acquired land in 1988, PLEASE report estimated market value of land and buildings acquired and amount financed.

None

Market value December 31, 1988

Dollars

Cents

196

\$

00

Amount financed

Dollars

Cents

197

\$

00

6b. If you financed land purchased in 1988 (item 6a above), please enter the amount financed from the following sources:

None

Amount financed

Dollars

Cents

198

\$

00

199

\$

00

200

\$

00

201

\$

00

202

\$

00

1. Federal land bank

2. Farmers Home Administration

3. Insurance companies

4. Commercial banks/savings & loan companies

5. Other (Include seller financing)

7a. Report the following information for land you owned on December 31, 1988 and leased to others.

• Type of lease

None

151

155

159

Dollars

Cents

163

\$

00

1. Cash

152

156

160

\$

00

164

\$

00

2. Share

153

157

161

\$

00

165

\$

00

3. Cash/share

154

158

162

\$

00

166

\$

00

4. Other

8a. What were the expenses paid by you as landlord on land leased to others in 1988? (Include your estimate of taxes, insurance, and inputs you made to the agricultural production on land leased to others.)

None

Dollars

Cents

170

\$

00

8b. For CASH LEASES reported in item 7 above, how many allow for adjustment of rental payment in the event of unusual or exceptional conditions?

None

Number of cash leases

Acres

167

168

9. Of the farm and ranch land you owned on December 31, 1988 (item 1b above), how many acres were enrolled in the Federal Conservation Reserve Program?

None

Acres

169

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Page 2

SECTION 3A PURCHASES AND EXPENDITURES DURING 1988 FOR THE AGRICULTURAL OPERATION			SECTION 4 DEBTS AS OF DECEMBER 31, 1988 (See enclosed information sheet.)		
<p>These items concern the kinds of purchases and expenditures made during 1988 for agricultural operations on "THIS PLACE" AS REPORTED IN SECTION 1, item 4. Report the total cost of the purchases or expenditures. (See enclosed information sheet.)</p> <p>• Capital expenditures for "THIS PLACE" during 1988</p>			<p>The debts to be reported are those owed as of December 31, 1988 arising from the operation of the acres reported in section 1, item 4 "THIS PLACE." (Exclude landlord debt.)</p>		
<p>None</p>			<p>• Source of debt</p> <p>None</p>		
<p>1. Expenditures for improvements on land such as irrigation improvements, land preparation, well drilling, ponds, drainage, roads, feedlots, fences, trench silos, lagoons, etc. (Exclude moveable equipment)</p>			<p>1. Federal Land Banks (or Federal Land Bank Associations)</p>		
<p>2. Expenditures for buildings and structures — Include new or additions to dwellings, barns, shelters, milking parlors, hog houses, poultry houses, crop storage, silos, etc. (Exclude repairs)</p>			<p>2. The Farmers' Home Administration</p>		
<p>3. Purchases of tractors and farm machinery (Report total cost minus trade-in values)</p>			<p>3. Commodity Credit Corporation loans —</p>		
<p>a. New</p>			<p>a. On crops</p>		
<p>b. Used</p>			<p>b. For crop storage facilities</p>		
<p>4. Purchases of all trucks and autos (Report total cost minus trade-in values)</p>			<p>4. Insurance companies (Exclude premiums due)</p>		
<p>5. Purchases of breeding livestock and dairy cattle (Report all other livestock purchases in section 3b, item 2.)</p>			<p>5. Commercial banks and savings banks (national or State banks, trust companies, etc.)</p>		
<p>6. All other agricultural capital purchases — Include moveable irrigation equipment and machinery such as pipes, siphons, nozzles, pumps, and engines; other motor driven vehicles such as airplanes or other special use vehicles and equipment that were used on this place (Exclude capital purchases covered above)</p>			<p>6. Individuals from whom you bought part or all of this acreage —</p>		
<p>a. Under a mortgage or deed of trust</p>			<p>a. Under a mortgage or deed of trust</p>		
<p>b. Under a land purchase contract</p>			<p>b. Under a land purchase contract</p>		
<p>7. Production credit associations</p>			<p>7. Production credit associations</p>		
<p>8. Other lenders —</p>			<p>8. Other lenders —</p>		
<p>a. State and county lending agencies</p>			<p>a. State and county lending agencies</p>		
<p>b. Mortgage companies, real estate agents or dealers, savings and loan associations, agricultural credit corporations, credit unions, livestock loan companies, and Small Business Administrations, etc.</p>			<p>b. Mortgage companies, real estate agents or dealers, savings and loan associations, agricultural credit corporations, credit unions, livestock loan companies, and Small Business Administrations, etc.</p>		
<p>9. Merchants and dealers, including cooperatives, mail order companies, farm machinery companies, and other manufacturers. (Exclude debts on 30-day accounts) for purchase of —</p>			<p>9. Merchants and dealers, including cooperatives, mail order companies, farm machinery companies, and other manufacturers. (Exclude debts on 30-day accounts) for purchase of —</p>		
<p>a. Tractors and farm machinery, including repairs</p>			<p>a. Tractors and farm machinery, including repairs</p>		
<p>b. Autos and trucks, including repairs, gasoline, oil, other fuel, feed, seed, fertilizer, livestock, poultry, and other purchases for the operation of this acreage from merchants and dealers, including building supplies, fencing, hardware, customwork, and similar purchases.</p>			<p>b. Autos and trucks, including repairs, gasoline, oil, other fuel, feed, seed, fertilizer, livestock, poultry, and other purchases for the operation of this acreage from merchants and dealers, including building supplies, fencing, hardware, customwork, and similar purchases.</p>		
<p>10. Any other individuals, relatives, friends, landlords, estates, etc. (Exclude debts on 30-day accounts)</p>			<p>10. Any other individuals, relatives, friends, landlords, estates, etc. (Exclude debts on 30-day accounts)</p>		
<p>11. Unpaid bills for veterinary services, utilities, past due taxes or insurance premiums, and debts for other purposes relating to this acreage. (Include all debts on accounts you do not expect to pay in 30 days)</p>			<p>11. Unpaid bills for veterinary services, utilities, past due taxes or insurance premiums, and debts for other purposes relating to this acreage. (Include all debts on accounts you do not expect to pay in 30 days)</p>		
<p>SECTION 3B AGRICULTURAL OPERATING EXPENSES and other purchases for this place during 1988. Do not include depreciation, income taxes, cash rent; expenditures for the purchase of land, buildings, or machinery; expenditures for the farm dwelling including repairs, real estate taxes, insurance, and other items; also EXCLUDE EXPENSES PAID BY LANDLORDS, and value of items furnished by contractors.</p>			<p>SECTION 5 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD DURING 1988 (See enclosed information sheet.)</p>		
<p>None</p>			<p>None</p>		
<p>1. Expenditures for feed — grain, hay, silage, mixed feeds, concentrates, etc.</p>			<p>1. What was the total market value of farm products (crops, livestock, poultry, and products, etc.) sold 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 loans, but exclude sales of forest products.</p>		
<p>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)</p>			<p>2. 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?</p>		
<p>3. Purchases of fertilizer</p>			<p>106</p>		
<p>4. Purchases of herbicides and pesticides</p>			<p>107</p>		
<p>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. See information sheet.)</p>			<p>Dollars Cents</p>		
<p>6. Purchases of gasoline, diesel fuel, LP gas, other fuel, motor oil, and grease for farm use only</p>			<p>106 \$ 00</p>		
<p>7. Interest and service charges on:</p>			<p>107 \$ 00</p>		
<p>a. Farm real estate debt</p>			<p></p>		
<p>b. Farm operating debt</p>			<p></p>		
<p>8. Personal property taxes on livestock, machinery, and other farm production items (Report real estate taxes in section 9)</p>			<p></p>		
<p>9. Insurance premiums for all types of crops, livestock, machinery, and buildings. (Include farm share for auto and truck insurance)</p>			<p></p>		
<p>10. All other agricultural OPERATING expenditures such as machine hire, customwork, seeds, containers, water, transportation and marketing charges, utilities, upkeep of farm buildings, machinery and fences, drains and irrigation systems, feed drying and grinding, veterinary services and supplies, storage charges, lime and soil conditioners, and general business expenses.</p>			<p></p>		

SECTION 6 PRODUCTION CONTRACTS									
Did you have any contract to produce any crop, poultry, or livestock products in 1988? Do not include marketing only contracts. (See enclosed information sheet for definitions).									
108 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 7									
1. Estimate the total market value of your production under contract (Report only for production moved off this place in 1988). Specify items under contract <input checked="" type="checkbox"/>	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>109 \$</td> <td>00</td> </tr> <tr> <td>110 \$</td> <td>00</td> </tr> <tr> <td>111 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	109 \$	00	110 \$	00	111 \$	00
Dollars	Cents								
109 \$	00								
110 \$	00								
111 \$	00								
2. How much did you receive for your production under contract? (Include any management fees received.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>110 \$</td> <td>00</td> </tr> <tr> <td>111 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	110 \$	00	111 \$	00		
Dollars	Cents								
110 \$	00								
111 \$	00								
3. What is your estimate of the cost of items and services provided to you under these production contracts?	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>111 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	111 \$	00				
Dollars	Cents								
111 \$	00								
SECTION 7 INCOME AND EXPENSES FROM OTHER FARM-RELATED SOURCES IN 1988. Do not include income reported in section 5 and expenses reported in section 3. (See enclosed information sheet.)									
Report amount received before taxes									
1. INCOME	None Dollars Cents								
a. Payments received by this operation for participation in FEDERAL FARM PROGRAMS and any DIRECT federal or state payment received in 1988. (Include deficiency payments, conservation reserve payments, disaster payments, etc. Exclude CCC loans.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>112 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	112 \$	00				
Dollars	Cents								
112 \$	00								
b. Gross income from ALL OTHER farm-related sources, customwork, machine hire, recreational services, boarding, lodging, lease of allotments, sale of forestry products, Christmas trees, gum for naval stores, and all other businesses or sources of income closely related to this agricultural operation. (Exclude gross cash rent and share payments.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>113 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	113 \$	00				
Dollars	Cents								
113 \$	00								
2. EXPENSES	None Dollars Cents								
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, taxes, interest, insurances, etc. DO NOT include any expenses already reported in sections 3A and B.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>114 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	114 \$	00				
Dollars	Cents								
114 \$	00								
SECTION 8 NET CASH FARM INCOME OF PARTNERSHIPS ON THIS PLACE (See enclosed information sheet under general information, item 2 for definition of operator within a partnership.)									
1. Was this place operated as a partnership in 1988?									
115 1 <input type="checkbox"/> YES — Complete this section 2 <input type="checkbox"/> NO — Go to section 9									
2. How many total partners were involved in this partnership operation in 1988 (including yourself)?	<table border="1"> <thead> <tr> <th>Number</th> </tr> </thead> <tbody> <tr> <td>116</td> </tr> </tbody> </table>	Number	116						
Number									
116									
3. What percent of the net farm income/losses (from sales and farm-related sources) was received by the OPERATOR as defined for this partnership? (See information sheet)	<table border="1"> <tbody> <tr> <td>117 1 <input type="checkbox"/> Less than 10 percent</td> </tr> <tr> <td>2 <input type="checkbox"/> 10 to 29 percent</td> </tr> <tr> <td>3 <input type="checkbox"/> 30 to 49 percent</td> </tr> <tr> <td>4 <input type="checkbox"/> 50 to 69 percent</td> </tr> <tr> <td>5 <input type="checkbox"/> 70 percent and over</td> </tr> </tbody> </table>	117 1 <input type="checkbox"/> Less than 10 percent	2 <input type="checkbox"/> 10 to 29 percent	3 <input type="checkbox"/> 30 to 49 percent	4 <input type="checkbox"/> 50 to 69 percent	5 <input type="checkbox"/> 70 percent and over			
117 1 <input type="checkbox"/> Less than 10 percent									
2 <input type="checkbox"/> 10 to 29 percent									
3 <input type="checkbox"/> 30 to 49 percent									
4 <input type="checkbox"/> 50 to 69 percent									
5 <input type="checkbox"/> 70 percent and over									
SECTION 9 REAL ESTATE TAXES									
Did you report owning any farm or ranch land in 1988? (Section 1, item 1)									
268 1 <input type="checkbox"/> YES — Complete this section (See enclosed information sheet.) 2 <input type="checkbox"/> NO — Go to section 10									
1. Report the number of acres of farm or ranch land shown on your 1988 Real Estate tax bill(s).	<table border="1"> <thead> <tr> <th>Acres</th> </tr> </thead> <tbody> <tr> <td>118</td> </tr> </tbody> </table>	Acres	118						
Acres									
118									
2. What was the assessed value of farm and ranch land and buildings, and other improvements shown on your real estate tax bill(s) for 1988?	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>119 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	119 \$	00				
Dollars	Cents								
119 \$	00								
3. What was the total amount of farm and ranch real estate taxes (land, buildings, and other improvements) payable by you as shown on your real estate tax bill(s) for 1988?	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>120 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	120 \$	00				
Dollars	Cents								
120 \$	00								

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SECTION 10A BUSINESS ASSETS OWNED BY THE FARM OPERATION							
(See enclosed information sheet.)							
Current market value of assets owned as of December 31, 1988							
1. Farm share of autos and trucks (percent farm use × total market value)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>121 \$</td> <td>00</td> </tr> <tr> <td>122 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	121 \$	00	122 \$	00
Dollars	Cents						
121 \$	00						
122 \$	00						
2. Tractors, farm machinery, tools, and equipment	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>123 \$</td> <td>00</td> </tr> <tr> <td>124 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	123 \$	00	124 \$	00
Dollars	Cents						
123 \$	00						
124 \$	00						
3. Crops produced and stored and still owned on December 31, 1988. (Exclude crops under government CCC loans.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>125 \$</td> <td>00</td> </tr> <tr> <td>126 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	125 \$	00	126 \$	00
Dollars	Cents						
125 \$	00						
126 \$	00						
a. On-farm	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>127 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	127 \$	00		
Dollars	Cents						
127 \$	00						
b. Off-farm	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>128 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	128 \$	00		
Dollars	Cents						
128 \$	00						
4. Beef, dairy, hogs, sheep, poultry, and other livestock (horses, mink, bees, fish, rabbits, etc.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>129 \$</td> <td>00</td> </tr> <tr> <td>130 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	129 \$	00	130 \$	00
Dollars	Cents						
129 \$	00						
130 \$	00						
5. Purchased feed, seed, fertilizer, fuel, chemicals and other inputs on hand	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>131 \$</td> <td>00</td> </tr> <tr> <td>132 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	131 \$	00	132 \$	00
Dollars	Cents						
131 \$	00						
132 \$	00						
6. Stock in Federal land banks, production credit associations, and other farmer cooperatives	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>133 \$</td> <td>00</td> </tr> <tr> <td>134 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	133 \$	00	134 \$	00
Dollars	Cents						
133 \$	00						
134 \$	00						
7. All other assets of this FARM OPERATION (cash, bonds, certificates of deposit, savings and checking accounts, and money owed to this operation, including crops and livestock sold for future payment.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>135 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	135 \$	00		
Dollars	Cents						
135 \$	00						
SECTION 10B HOUSEHOLD ASSETS							
Report for the farm operator, senior partner, or hired manager's household. (Do not include assets reported in section 10A above; see enclosed information sheet.)							
Current market value of assets owned as of December 31, 1988							
1. Total value of cash; checking, savings, and money market accounts; Certificates of Deposit; U.S. Savings Bonds and other bonds; and money owed to you	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>129 \$</td> <td>00</td> </tr> <tr> <td>130 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	129 \$	00	130 \$	00
Dollars	Cents						
129 \$	00						
130 \$	00						
2. Corporate stock, cash surrender value of life insurance, and all other financial assets	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>131 \$</td> <td>00</td> </tr> <tr> <td>132 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	131 \$	00	132 \$	00
Dollars	Cents						
131 \$	00						
132 \$	00						
3. Off-farm operator dwelling, if owned (Do not include value reported in section 2, item 2b.)	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>133 \$</td> <td>00</td> </tr> <tr> <td>134 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	133 \$	00	134 \$	00
Dollars	Cents						
133 \$	00						
134 \$	00						
a. What was the estimated market value of this dwelling as of December 31, 1988?	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>135 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	135 \$	00		
Dollars	Cents						
135 \$	00						
b. What were the debts owed on this dwelling as of December 31, 1988?	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>136 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	136 \$	00		
Dollars	Cents						
136 \$	00						
4. Other assets owned and debts — Include real estate and businesses not part of this operation, such as farm input and processing enterprises, beauty shops, etc.; second/vacation homes and recreational vehicles; the household share of autos and trucks; and machinery and equipment for nonfarm uses, etc.	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>137 \$</td> <td>00</td> </tr> <tr> <td>138 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	137 \$	00	138 \$	00
Dollars	Cents						
137 \$	00						
138 \$	00						
a. Estimated market value of these assets, as of December 31, 1988	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>139 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	139 \$	00		
Dollars	Cents						
139 \$	00						
b. Debts owed on these assets, as of December 31, 1988	<table border="1"> <thead> <tr> <th>Dollars</th> <th>Cents</th> </tr> </thead> <tbody> <tr> <td>140 \$</td> <td>00</td> </tr> </tbody> </table>	Dollars	Cents	140 \$	00		
Dollars	Cents						
140 \$	00						

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SECTION 11 OFF-FARM INCOME DURING 1988 AND HOUSEHOLD SIZE (See enclosed information sheet.) Report for the farm operator, senior partner, or hired manager's household.
1. How much did you and persons living in your household receive in 1988 from each of the following sources?

a. Cash wages, salaries, tips, military pay, commissions, piece-rate payments, and cash bonuses (report amount before deducting income taxes and other withholding items.)

(1) Nonfarm jobs

(2) Other farm and ranch work — Exclude customwork reported in section 7, item 1b.

(3) Wages paid to household members for work on this place

b. Operation of self-employment business (not reported in section 7) or professional practice. Report net after cash expenses (Net Cash Income)

c. Retirement and/or disability

(1) Social Security

(2) Other public retirement or disability payments (government, military, or railroad).

(3) Private pensions

d. Public assistance, Supplemental Security Income, and unemployment compensation

e. Interest and dividends

f. Net income from estates or trusts, rental income from nonfarm properties, royalties for mineral leases. (Exclude one-time settlements.)

g. Annuities, alimony, regular contributions from persons not living in the household, and money income from any other source

h. Gifts or inheritance

i. Net gain from sales of items such as real estate, machinery, stocks, allotments, and bonds (not included as part of this place)

None	Dollars	Cents
206	\$	00
207	\$	00
208	\$	00
209	\$	00
210	\$	00
211	\$	00
212	\$	00
213	\$	00
214	\$	00
215	\$	00
216	\$	00
217	\$	00
218	\$	00
219	\$	00

• SIZE OF HOUSEHOLD
2a. How many persons were in your household on December 31, 1988? Include yourself (operator or senior partner) spouse, children, and others living in your household

b. How many were under 16 years of age?

Number
219
220

SECTION 12 OFF-FARM WORK AND EDUCATION (See enclosed information sheet.)
NOTE: Answer column 1 for operator.
Answer column 2 for spouse; if no spouse mark (X) box top of column 2.

1. Education — What was the highest grade (or year) of school ever completed? Mark (X) applicable box

2. Off-farm work — Did you or your spouse work for pay at an off-farm job during 1988? (Include self-employment business or professional work. Exclude exchange farm work.) If more than one off-farm job, describe the one at which the most hours were worked.

a. For whom did you or your spouse work? (Name of company, business, organization, or other employer.)

b. What kind of business or industry is this? (Public school, road construction, auto repair, State Labor Dept., farm, etc.)

c. What kind of work were you (or your spouse) doing? (Electrical engineering, stock clerk, typist, farm or ranch worker, etc.)

d. What were your (or your spouse's) most important activities or duties on the job? (Types, sell cars, operates a truck, finishes concrete, keeps accounts, etc.)

e. Were you (or was your spouse):

- Employee of another farm or ranch?
- Employee of a private company, business or individual, for wage, salary, or commission?
- Federal, State, local government, or school district employee?
- Self employed — operating an incorporated farm related business?
- Self employed — operating a nonincorporated farm related business?
- Self employed — operating an incorporated nonfarm related business or professional practice?
- Self employed — operating a nonincorporated nonfarm related business or professional practice?

3. How many hours per week were normally worked for pay at this off-farm job?

4. How many weeks per year were normally worked at this off-farm job?

5. How many miles were traveled one way to work at this off-farm job?

Column 1 REPORT FOR OPERATOR		Column 2 REPORT FOR SPOUSE	
254	1 <input type="checkbox"/> Less than 8 4 <input type="checkbox"/> 13–14 2 <input type="checkbox"/> 9–11 5 <input type="checkbox"/> 15–16 3 <input type="checkbox"/> 12 6 <input type="checkbox"/> 17 or more	261	1 <input type="checkbox"/> Less than 8 4 <input type="checkbox"/> 13–14 2 <input type="checkbox"/> 9–11 5 <input type="checkbox"/> 15–16 3 <input type="checkbox"/> 12 6 <input type="checkbox"/> 17 or more
255	1 <input type="checkbox"/> YES — Complete this column 2 <input type="checkbox"/> NO — If no for both, skip to section 13. If spouse is Yes, complete column 2	311	<input type="checkbox"/> Spouse did not work off-farm
256	Specify _____	262	Specify _____
257	Specify _____	263	Specify _____
258	Specify _____	264	Specify _____
259	Specify _____	265	Specify _____
260	Specify _____	266	Specify _____
267	1 <input type="checkbox"/> } 2 <input type="checkbox"/> } 3 <input type="checkbox"/> } 4 <input type="checkbox"/> } Mark (X) ONE box 5 <input type="checkbox"/> } 6 <input type="checkbox"/> } 7 <input type="checkbox"/> }	268	1 <input type="checkbox"/> } 2 <input type="checkbox"/> } 3 <input type="checkbox"/> } 4 <input type="checkbox"/> } Mark (X) ONE box 5 <input type="checkbox"/> } 6 <input type="checkbox"/> } 7 <input type="checkbox"/> }
268	_____ Hours	269	_____ Hours
269	_____ Weeks	270	_____ Weeks
270	_____ Miles	271	_____ Miles

COMPLETE COLUMN 2

SECTION 13 REMARKS AND EXPLANATIONS
SECTION 14 PERSON COMPLETING THIS REPORT — Please print

Name	267 Date	Telephone	Area code	Number
		()		

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:

- Land (for agricultural uses) that you rented FROM others for cash payments
- Land worked on a share basis
- Land owned by someone else which you used rent-free
- 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
- Land rented out for residential or other nonfarm purposes, if it was part of the land reported in items 1 or 2
- Land worked for you by someone else on a share-of-crop or livestock basis
- 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 "0" 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).
- 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 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, hail, 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.

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 services (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 farm-related sources, minus the cash farm operating expenses and the cash operating expenses for farm-related income sources.

Form 88-A9A(I)

► 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.

1988 Agricultural Economics and Land Ownership Survey, Report Form 88-A9B, Landlord's Report

DUE DATE: 30 DAYS AFTER RECEIPT OF FORM

OMB No. 0607-0630: Approval Expires 09/30/90

FORM **88-A9B**
(9-12-88)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1988 AGRICULTURAL ECONOMICS AND LAND OWNERSHIP SURVEY

LANDLORD'S REPORT

Please complete this
form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

**The financial needs of the American farmers are changing.
It is important to know facts such as:**

- The relative debt burden of farmers
- The capital investment, operating expenditures, and
the amount and sources of income of farmers

These and many other financial problems can be examined only by obtaining
information from you and the other survey respondents. Please give the
best answers you can, making estimates when you do not have exact
figures. Your answers will be combined with others so that confidentiality is
maintained. Please answer each question that applies to you.

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT
TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census 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.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

88-A9B

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1 ACREAGE IN 1988 AND CURRENT MARKET VALUE of land and buildings

Acres		Estimated market value	
		Dollars	Cents
1. How many acres owned by you were used in 1988 by the farm or ranch operator listed on the top line of the address label?	049	None	
2. What is your estimate of the market value of all land and buildings included in item 1?		050	00
3. Of the total market value reported in item 2, what was the estimated values of the following:		056	00
a. Tenant dwelling (If on acres reported in item 1 above)		057	00
b. Dwelling for hired labor (If on acres reported in item 1 above)		058	00
c. Other dwellings on acres reported in item 1 above including landlord's residence		059	00
d. All other buildings and structures (on acres in item 1 above)		060	00
e. Land (Excluding buildings)			
4a. Did you operate a farm or ranch in 1988? —			
149 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO — SKIP to section 2A			
b. If yes, how many of the acres operated in 1988 were owned by you? Also, give farm or ranch name and address if different than shown in the label. —————>	Owned acres operated in 1988 150	Name Number and street City State ZIP Code	

SECTION 2A PURCHASES AND EXPENDITURES DURING 1988 in connection with the acreage reported in section 1, item 1 —

The items in this section concern the kinds of purchases and expenditures
made during 1988 for the agricultural operations. Report the total cost of the
purchases or expenditures. Do not include your tenant's share of any expenses.

	Total cost of purchases or expenditures in 1988	
	Dollars	Cents
• Capital expenditures related to the acreage reported in section 1, item 1, during 1988		
None		
1. Expenditures for improvements on land: such as irrigation improvement, land preparation, well drilling, ponds, drainage, roads, feedlots, fences, trench silos, lagoons, etc. (Exclude moveable equipment.)	073	00
2. Expenditures for buildings and structures — Include new or additions to dwellings, barns, shelters, milking parlors, hog houses, poultry houses, crop storage, silos, etc. (Exclude repairs.)	074	00
3. Purchases of tractors and farm machinery — Report total cost minus trade-in values.	075	00
a. New	076	00
b. Used	077	00
4. Purchases of all trucks and autos — Report total cost minus trade-in values.	078	00
5. Purchases of breeding livestock and dairy cattle — Report all other livestock purchases in section 2B, item 2.	079	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 and equipment such as airplanes, or other special use vehicles that were used on this place. (Exclude capital purchases covered above)		00

SECTION 2B AGRICULTURAL OPERATING EXPENSES AND OTHER PURCHASES related to the acreage in section 1, item 1, during 1988.

Do not include expenses paid by tenant, depreciation, income taxes,
expenditures for the purchase of land, buildings, or machinery, expenditures for
the landlord dwelling including repairs, real estate taxes, insurance, etc.

	Total expenditures	
	Dollars	Cents
• Operating expenditures		
None		
1. Expenditures for feed — grain, hay, silage, mixed feeds, concentrates, etc.	080	00
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.	081	00
3. Purchases of fertilizer	082	00
4. Purchases of herbicides and pesticides	083	00
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.	084	00
6. Purchases of gasoline, diesel fuel, LP gas, other fuel, motor oil, and grease for farm use only	085	00
7. Interest and service charges on:		
a. Farm real estate debt	086	00
b. Farm operating debt	087	00
8. Personal property taxes on livestock, machinery, and other farm production items — Report real estate taxes in section 7.	088	00
9. Insurance premiums for all types of crops, livestock, and property insurance on farm buildings (Include farm share of autos and truck insurance.)	089	00
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 services and supplies, storage charges, lime and soil conditioners, and general business expenses.		00

SECTION 3 DEBTS AS OF DECEMBER 31, 1988
(See enclosed information sheet.)

The debts to be reported are those owed by the landlord as of December 31, 1988 arising from the operation of the acres reported in section 1, item 1.

	None	Total amount owed by landlord on December 31, 1988 (Exclude interest unless past due)	
		Dollars	Cents
1. Federal Land Banks (or Federal Land Bank Associations)	<input type="checkbox"/>	091	00
2. The Farmers Home Administration	<input type="checkbox"/>	092	00
3. Commodity Credit Corporation loans:		093	
a. On crops	<input type="checkbox"/>	094	00
b. For crop storage facilities	<input type="checkbox"/>	095	00
4. Insurance companies (Exclude premiums due)	<input type="checkbox"/>	096	00
5. Commercial banks and savings banks (National or State banks, trust companies, etc.)	<input type="checkbox"/>	097	00
6. Individuals from whom you bought part or all of this acreage —		098	
a. Under a mortgage or deed of trust	<input type="checkbox"/>	099	00
b. Under a land purchase contract	<input type="checkbox"/>	100	00
7. Production credit associations	<input type="checkbox"/>	101	00
8. Other lenders:		102	
a. State and county lending agencies	<input type="checkbox"/>	103	00
b. Mortgage companies, real estate agents or dealers, savings and loan associations, agricultural credit corporations, credit unions, livestock loan companies, small business administration, etc.	<input type="checkbox"/>	104	00
9. Merchants and dealers, including cooperatives, mail order companies, farm machinery companies, and other manufacturers (exclude debts on 30-day accounts) for purchase of —		105	
a. Tractors and farm machinery, including repairs	<input type="checkbox"/>	106	00
b. Autos and trucks (including repairs), gasoline, oil, other fuel, feed, seed, fertilizer, livestock, poultry, and other purchases for the operation of this acreage from merchants and dealers, including building supplies, fencing, hardware, customwork, and similar purchases	<input type="checkbox"/>	107	00
10. Any other individuals, relatives, friends, landlords, estates, etc. (Exclude debts on 30-day accounts.)	<input type="checkbox"/>	108	00
11. Unpaid bills for veterinary services, utilities, past due taxes or insurance premiums, and debts for other purposes relating to this acreage (Include all debts on accounts not expected to be paid in 30-days.)	<input type="checkbox"/>	109	00

SECTION 4 ASSETS OWNED BY THE LANDLORD
(See enclosed information sheet)

The assets to be reported are those owned as of December 31, 1988, involved with the ownership of the acres in section 1, item 1. Do not include your tenant's share of any assets.

	None	Current market value of assets owned as of December 31, 1988	
		Dollars	Cents
1. Farm share of autos and trucks (Percent of farm use x total market value)	<input type="checkbox"/>	121	00
2. Tractors, farm machinery, tools, and equipment	<input type="checkbox"/>	122	00
3. Crops produced and stored and still owned on December 31, 1988. (Exclude crops under government CCC loans.)		123	
a. On-farm	<input type="checkbox"/>	124	00
b. Off-farm	<input type="checkbox"/>	125	00
4. Beef, dairy, hogs, sheep, poultry, and other livestock (horses, mink, bees, fish, rabbits, etc.)	<input type="checkbox"/>	126	00
5. Purchased feed, seed, fertilizer, and other inputs on hand.	<input type="checkbox"/>	127	00
6. Stock in Federal Land Banks, Production Credit Associations, and other farm cooperatives	<input type="checkbox"/>	128	00
7. All other assets of this farm operation (cash, bonds, certificates of deposit, saving and checking accounts, and money owed to this operation, including crops and livestock sold for future payment)	<input type="checkbox"/>	129	00

SECTION 5 PARTICIPATION IN MANAGEMENT DECISIONS TO BE REPORTED FOR THE ACRES IN SECTION 1, ITEM 1

	Management decisions determined by — Mark (X) only ONE box for each item		
	Landlord only	Tenant only	Landlord and tenant jointly
1. Selection of fertilizer and chemicals	135 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
2. Cultivation practices	136 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
3. Selection of crop varieties or livestock breeds	137 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
4. Harvesting decisions	138 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
5. Marketing agricultural products	139 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>

SECTION 6 AGRICULTURAL LAND OWNERSHIP

1. Report for all farm land owned on December 31, 1988. (Include all cropland, pastureland, rangeland, woodland, wasteland, idleland, and farm residences.) (Include land reported in section 1, item 1, plus any other farm and ranch land you had an ownership interest in, and report the current market value.)

Total acres owned	Estimated market value	
	Dollars	Cents
141	143	00

2. Of the land you owned on December 31, 1988, how many acres were obtained by:

	Acres
a. Purchase from non-relative	144
b. Purchase from relative	145
c. Inheritance or gift	146
d. Other — Specify	147
e. TOTAL (Should equal acres in item 1)	148

3. Of the farm and ranch land you owned on December 31, 1988, how many acres were enrolled in the Federal Conservation Reserve Program?

	Acres
149	

4. For all farm and ranch land owned on December 31, 1988 (Reported in item 1 above), please report the number of acres in the following land use categories:

	Acres
a. Cropland	171
b. Orchard/vineyard	172
c. Cropland used for permanent pasture	173
d. All other pasture or rangeland	174
e. Forest/woodland not pastured	175
f. Other (farmstead, wasteland, roads, ditches, etc.)	176

5. Please report land ACQUIRED and/or SOLD or DISPOSED OF during each specified time period and total acreage OWNED at the end of each specified time period (December 31).

Land owned on December 31 of year below	Land owned (Acres) (1)	Date	Land acquired (Acres) (2)	Land sold or disposed of (Acres) (3)
1988	178	During 1988	184	189
1987	179	1983–1987	185	190
1982	180	1979–1982	186	191
1978	181	1975–1978	187	192
1974	182	1970–1974	188	193
1969	183			

IF NO LAND ACQUIRED IN 1988 — SKIP TO ITEM 7.

6a. If you acquired land in 1988, PLEASE report estimated market value of land, buildings acquired, and amount financed.

Market value December 31, 1988		Amount financed	
Dollars	Cents	Dollars	Cents
196	00	197	00
		198	00
		199	00
		200	00
		201	00
		202	00

b. If you financed land purchased in 1988 (item 6a), please enter the amount financed from the following sources:

1. Federal land bank	<input type="checkbox"/>	\$	00
2. Farmers Home Administration	<input type="checkbox"/>	\$	00
3. Insurance companies	<input type="checkbox"/>	\$	00
4. Commercial banks/savings & loan companies	<input type="checkbox"/>	\$	00
5. Other (Include seller financing)	<input type="checkbox"/>	\$	00

7. Report the following information for land you owned on December 31, 1988, and leased to others.

Type of lease	None	Number of leases	Total acres leased to others	Market value of acres leased		Value of rent received in 1988	
				Dollars	Cents	Dollars	Cents
a. Cash	<input type="checkbox"/>	151	155	159	00	163	00
b. Share	<input type="checkbox"/>	152	156	160	00	164	00
c. Cash/share	<input type="checkbox"/>	153	157	161	00	165	00
d. Other	<input type="checkbox"/>	154	158	162	00	166	00

8. For CASH LEASES reported in item 7, how many allow for adjustment of rental payment in the event of unusual or exceptional conditions?

	Number cash leases	Acres
167		168

9. In 1988, did you purchase any professional farm management services such as recordkeeping, farm practices advice, financial planning, rent collection, etc.?

204 ☐ YES ☐ NO

SECTION 7 REAL ESTATE TAXES (See enclosed information sheet) <p>1. Report the number of acres of farm and ranch land shown on your 1988 real estate tax bill(s)</p> <p>2. What was the assessed value of farm and ranch land, buildings, and other improvements shown on your tax bill(s) for 1988?</p> <p>3. What was the total amount of farm and ranch real estate taxes (land, buildings, and other improvements) payable by you as shown on your tax bill(s) for 1988?</p>	SECTION 10A CHARACTERISTICS AND OCCUPATION OF LANDLORD — Continued <p>3. SPANISH ORIGIN — Is the landlord (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)?</p> <p>4. AGE OF LANDLORD Years old</p> <p>5. OCCUPATION OF LANDLORD — At which occupation did the landlord spend the majority of his/her worktime in 1988?</p> <p>6. What proportion of total business income (farm and nonfarm) you and your family received was from the sale of agricultural products and/or rental income from all agricultural lands you owned in 1988?</p>
SECTION 8 NET CASH INCOME FOR 1988 <p>What was your net cash income from land you operated, plus your net income from farm and ranch land you owned and rented to others in 1988? (Section 6, item 1) Mark the range that matched your net cash income for 1988.</p> <p>Mark (X) ONE</p>	<p>234 1 <input type="checkbox"/> YES 2 <input type="checkbox"/> NO</p> <p>235</p> <p>236 1 <input type="checkbox"/> Operating a farm or ranch 2 <input type="checkbox"/> Employed by a private business for wages, salary, or commission 3 <input type="checkbox"/> Employed by a Federal, State, or local government 4 <input type="checkbox"/> Self-employed — operating farm related business 5 <input type="checkbox"/> Self-employed — operating nonfarm related business or professional practice 6 <input type="checkbox"/> Retired — previously farming or farm related business 7 <input type="checkbox"/> Retired — previously nonfarm related occupation 8 <input type="checkbox"/> Other — Specify <u> </u></p> <p>237 1 <input type="checkbox"/> Less than 1% 2 <input type="checkbox"/> 1% to 25% 3 <input type="checkbox"/> 26% to 50% 4 <input type="checkbox"/> 51% to 75% 5 <input type="checkbox"/> 76% or more</p>
SECTION 9 TYPE OF OWNERSHIP <p>Please indicate the type of ownership on the acres you owned or had an ownership interest as of December 31, 1988, reported in section 6, item 1.</p> <p>Type of owner (Check those applicable)</p> <p>1 <input type="checkbox"/> SOLE OWNERSHIP</p> <p>269 1 <input type="checkbox"/> Female 2 <input type="checkbox"/> Male</p> <p>2 <input type="checkbox"/> HUSBAND/WIFE: <input type="checkbox"/> Land held jointly <input type="checkbox"/> Land held by husband <input type="checkbox"/> Land held by wife</p> <p>3 <input type="checkbox"/> FAMILY PARTNERSHIP — At least half the partners are related, include husband/wife as two partners when owned with at least one other owner.</p> <p>271 Number of partners → Female <u> </u> Male <u> </u></p> <p>4 <input type="checkbox"/> OTHER (non-family) PARTNERSHIP — Less than half the partners are related.</p> <p>273 Number of partners → Female <u> </u> Male <u> </u></p> <p>5 <input type="checkbox"/> FAMILY CORPORATION — At least half of stockholders are related.</p> <p>If 10 or fewer stockholders, enter number of stockholders <u> </u></p> <p>If more than 10 stockholders, check here <input type="checkbox"/></p> <p>6 <input type="checkbox"/> NON-FAMILY CORPORATION — Fewer than half of stockholders are related.</p> <p>If 10 or fewer stockholders, enter number of stockholders <u> </u></p> <p>If more than 10 stockholders, check here <input type="checkbox"/></p> <p>7 <input type="checkbox"/> OTHER such as cooperative, prison farm, grazing association, Indian reservation (Include unsettled estates) Specify <u> </u></p> <p>8 <input type="checkbox"/> TOTAL should equal acres in section 6, item 1.</p>	<p>OWNERSHIP TYPE ON ACRES OWNED (Section 6, item 1)</p> <p>OWNERSHIP TYPE ON ACRES LEASED TO INDIVIDUAL ON LABEL (Section 1, item 1) Mark (X) in appropriate box</p> <p>221 <input type="checkbox"/> <u> </u></p> <p>222 <input type="checkbox"/> <u> </u></p> <p>223 <input type="checkbox"/> <u> </u></p> <p>224 <input type="checkbox"/> <u> </u></p> <p>225 <input type="checkbox"/> <u> </u></p> <p>226 <input type="checkbox"/> <u> </u></p> <p>227 <input type="checkbox"/> <u> </u></p> <p>228 <input type="checkbox"/> <u> </u></p> <p>229 <input type="checkbox"/> <u> </u></p> <p>230 <input type="checkbox"/> <u> </u></p> <p>Complete section 10A</p> <p>Complete section 10B</p> <p>Skip to section 11</p>
SECTION 10A CHARACTERISTICS AND OCCUPATION OF LANDLORD FOR INDIVIDUAL AND PARTNERSHIP LANDLORDS (The following characteristics reported on a partnership should be for the senior partner.) <p>1. RESIDENCE</p> <p>a. Where does the landlord live?</p> <p>If not on the land reported in section 1, item 1.</p> <p>231 1 <input type="checkbox"/> On the land in section 1, item 1 2 <input type="checkbox"/> On another farm 3 <input type="checkbox"/> In a rural area, not on a farm 4 <input type="checkbox"/> In a city, town, or urban area</p> <p>232 1 <input type="checkbox"/> Less than 5 miles 2 <input type="checkbox"/> 5–24.9 miles 3 <input type="checkbox"/> 25–49.9 miles 4 <input type="checkbox"/> 50–149.9 miles 5 <input type="checkbox"/> 150 or more miles</p> <p>b. Distance of residence from land reported in section 1, item 1</p> <p>233 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Black 3 <input type="checkbox"/> American Indian 4 <input type="checkbox"/> Asian or Pacific Islander 5 <input type="checkbox"/> Other — Specify <u> </u></p> <p>2. RACE of landlord</p>	<p>250 1 <input type="checkbox"/> Less than \$100,000 2 <input type="checkbox"/> \$100,000 to \$499,999 3 <input type="checkbox"/> \$500,000 to \$999,999 4 <input type="checkbox"/> \$1,000,000 or more</p> <p>251 1 <input type="checkbox"/> Less than 25% 2 <input type="checkbox"/> 25% to 49% 3 <input type="checkbox"/> 50% to 74% 4 <input type="checkbox"/> 75% or more</p>
SECTION 11 PERSON COMPLETING THIS REPORT — PLEASE PRINT <p>Mark (X) one</p> <p>312 1 <input type="checkbox"/> Owner of land</p> <p>2 <input type="checkbox"/> Agent</p> <p>Name <u> </u> 267 Date <u> </u></p> <p>Telephone <u> </u> Area code <u> </u> Number <u> </u></p>	

SECTION 12	REMARKS

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 if possible, i.e., does 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.
- c. 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 acres 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:

- a. 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, item 1.

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.
- 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).
- 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 20233; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington DC 20503.