Appendix A. Explanatory Materials

DEFINITIONS AND EXPLANATIONS

1. HISTORY OF THE CENSUS OF AGRICULTURE

The 1969 census is the 19th nationwide census of agriculture. The first agricultural census was taken in 1840 as part of the Sixth Decennial Census. From 1840 to 1920, an agricultural census was taken every 10 years as part of each decennial census.

With increased application of scientific findings and growing use of mechanization in agriculture, farming practices were changing so rapidly that early in this century it was evident that facts collected at 10-year intervals were no longer adequate. Aware of the need for more accurate and timely information, the Congress, in 1909 (36 Stat. 10, Sec. 31), provided for a census of agriculture to be taken in 1915 and every 10 years thereafter, in addition to the census of agriculture taken at the time of the decennial census. However, the census was not taken in 1915 because of the abnormal conditions created by World War I. Beginning in 1920, a national agricultural census has been taken every five years.

2. HOW THE 1969 CENSUS OF AGRICULTURE WAS TAKEN

Enumeration Method

For the first time in a nationwide census of agriculture, farmers were asked to fill out and mail back their census forms. In earlier censuses, enumerators called on all farm operators. Beginning with the 1950 census, copies of the report form were mailed prior to the enumeration starting date and farmers were asked to fill them out and have them ready for the enumerator to pick up. The enumerators going from door to door in rural areas would pick up and review any forms that had been completed; they would also fill out or complete forms for those places classified as farms which did not have forms ready for review.

Use of the mailout/mailback approach had been considered earlier and some aspects had been included in pretests for the 1964 Census of Agriculture as well as in the evaluation surveys measuring the accuracy of the earlier censuses. A coverage check of the 1964 census was especially pertinent in the final decision to adopt the mailout/mailback method for the 1969 census. A brief description of the study, called the "EPA-IRS Match" appears on page 38 of volume III, part 7, Evaluation Surveys, of the 1964 Census of Agriculture.

The Mailing List

The starting point for the enumeration of the 1969 Census of Agriculture was a mailing list comprised of all persons and organizations that could be readily identified as associated with the direction of agricultural operations in 1969. Only the more comprehensive sets of administrative records containing information related to agricultural activities were used initially.

The list was assembled primarily from the records of other Government agencies and from the 1964 Census of Agriculture lists of addresses, Internal Revenue Service records were particu-

larly significant in developing the mailing list, since most farm operators of any importance could be identified in these records. Specifically, the IRS supplied lists of people and organizations who filed Form 1040, Schedule F (farm operators and farm landlords). The IRS also supplied lists of businesses showing, on Form 1040—Schedule C, Form 1065 (partnerships), and Form 1120S (small business corporations), that more than 50 percent of their income was from agriculture. A listing of employers of agricultural workers filing agriculture employment tax reports on Social Security Administration Form 943 was also used. The Bureau supplemented these lists with the names of Agriculture Stabilization and Conservation Service participants in the south and selected States in the remainder of the country where there appeared to be a significant number of persons with limited agricultural operations who had not filed IRS Schedule F.

The Bureau amended the basic list by conducting a precanvass early in 1969, covering about 100,000 of the larger more complex farms. The precanvass identified separate farm units of multifarm operations, farms with significant acreages in more than one county, and abnormal operations such as Indian reservations and farms operated by institutions.

The master list, constructed by merging and unduplicating the various source lists on the basis of Social Security or Employer Identification numbers, contained the names and addresses of persons or organizations associated with agricultural operations, and an indication of the size of the operation so that the Bureau could determine which of two versions of the census form to send.

Lists of specialized operations, such as nurseries and broiler operations, which might not be identified in the administrative records as associated with agricultural operations were obtained and a supplemental mailing was made to the names and addresses on these lists.

Duplicate names not identified prior to mailing were removed during office processing.

The Census Forms and Their Distribution

The regular 12-page form (A1) was sent to farms with an expected volume of sales of agricultural products in 1969, of \$2,500 or more.

A four-page form (A2) was sent to a 50-percent sample of operators whose 1969 sales were expected to total less than \$2,500. This form covered all major items—land use, crops, livestock and poultry, equipment, expenditures, and income—but omitted much of the detail found in the regular form.

Both forms are reproduced in appendix B.

Why the two forms? Emphasis in this census was placed on obtaining more detailed information for those farms with annual sales of farm products of \$2,500 or more. In 1964, the 1,817,000 farms in this group, which made up 58 percent of the total farms, accounted for more than 96 percent of the total value of all farm products sold.

It was agreed that the operators of the smaller places need not be burdened with the extensive detail required from the operators who are responsible for virtually all of our commercial farm production. Hence, the short form was developed for the operators whose 1969 sales were expected to be less than \$2,500.

The Initial Mailings

During the last week of December 1969, the report forms were mailed to all farm operators on the mailing list. Approximately 3,700,000 forms were mailed at this time—2,900,000 regular forms (A1) and 800,000 short forms (A2).

The A2 form was *not* used in Alaska and Hawaii; A1's were mailed to all names on the address list. The A1 form used in Alaska was the same as the one used in the other continental States. The A1 form used in Hawaii differed primarily in the crops section, since Hawaiian agriculture has significant differences from the mainland in the crops produced.

During the first part of 1970, lists of persons or firms filing 1969 tax returns showing agricultural operations were obtained from the Internal Revenue Service. The Bureau checked these names against the original mailing list to find individuals and organizations who had not reported agricultural operations in their 1968 income tax reports or who, for some other reason, had not been included in the December 1969 mailing. These operators were sent the appropriate regular or short form in a supplementary mailing in July 1970.

All potential farm operators who were sent the regular form, received with it a Leaflet Guide which carried on the cover a letter from the Chief of the Agriculture Division explaining the purpose of the census and asking the recipient to fill out the form and return it in the envelope enclosed. The leaflet provided descriptions and definitions for the various items in more detail than was shown on the form, as well as instructions regarding some of the more common problem situations that were anticipated and lists of what should be included or excluded in reporting the more complex items.

A reproduction of this Leaflet Guide appears in appendix B.

Potential operators who received the short form were sent the cover letter, but not the leaflet. Instructions for this relatively simple form were provided on the form itself.

It was intended that the regular form would be filled out by the operators of all farms with \$2,500 or more in sales of farm products. When recipients of the short form reported sales in 1969 substantially above this breaking point, it was necessary to go back to them for the additional detail needed for the regular form. If the recipient of the regular form reported less than \$2,500 in sales, data were tabulated for only those items which were on the short form.

Coverage of Outlying Areas

The mailout/mailback procedure was not used in taking the agriculture census in Puerto Rico, Guam, the Virgin Islands, American Samoa, and the Trust Territory of the Pacific Islands. Discussion of the methods used appears in the reports for the outlying areas.

Followup Procedures

In the United States, a reminder card dated January 10, 1970, was sent to all recipients of the regular form, urging prompt

response and expressing thanks "if your response is already in the mail." $% \label{eq:control_expression}$

The first followup letter was mailed early in March to all those on the original mailing list from whom we had not received either the completed form or other correspondence by February 25th.

After the first mail followup, telephone and field followup was started early in March to be sure that data were collected from the previously identified very large and/or very complex operations.

Over a period of the next three months, three other followup letters were sent to the other nonrespondents to achieve a response over the 90-percent level by July 1, 1970.

After the mailing of the fourth followup letter, data collection efforts continued, but on a selective basis. Field enumeration by personal interview was used to collect the data from non-respondents in 371 counties where response rates were below acceptable limits.

The collection of missing reports continued, as necessary, into the office processing phase. Lists of farms with substantial production of specific farm products had been obtained from various sources. These lists were used during data review as a check in counties having significant differences between the expected and the tabulated amounts of one or more agricultural products. Farms appearing on the lists for which a report was not found in the file of census reports being processed were contacted, usually by telephone. If it was determined that a farm had indeed been missed, a report was obtained.

The processing system provided for the possibility of incorporating reports as late as the final tabulation of county data for each State.

The telephone and field followup was performed either by the permanent staff of the Bureau's regional field offices assisted by staff held over from the population census enumeration or, in the case of the very large and complex agricultural operations, by Agriculture Division staff members.

3. STATISTICAL ADJUSTMENT PROCEDURES

Report forms were completed and tabulated for all the indentifiable larger places. In a few instances where the required information could not be obtained from the operator, data were obtained from secondary sources.

The smaller operations for which data were not obtained are represented in the statistics by replication of reports for farms having similar characteristics in the same county.

The majority of the farms represented by replication are among those having a total value of agricultural products sold in 1969 of less than \$5,000. For Arkansas, data were imputed for about 9 percent of the State's farms, accounting for about 5 percent of the State's total value of agricultural products sold.

All report forms were subjected to a computer edit where adjustments using detailed programed specifications were made for incomplete or internally inconsistent data. The procedures provided for printouts of the computer changes for those farm reports if the change exceeded specified limits for the item. These changes were then reviewed for reasonableness by Agriculture Division staff members.

4. OFFICE PROCESSING

The reports for all farms were reviewed prior to keying the data to magnetic tape. Records for large agricultural operations, including all places of 50,000 acres or more, or having \$100,000 sales of agricultural products or more in 1969, were reviewed by a professional employee (agricultural statistician or economist). Omissions, inconsistencies, and other problems that could not be resolved by reference to other information on the report were resolved by contact (usually telephone) with the respondent. Reports for smaller operations were subjected to a clerical editing review, during which significant problems were referred to the professional analysts for solution.

During processing, the data for each report form were subjected to a detailed review which required almost the full capacity of one of the very large electronic computers. The program provided comprehensive tests and instructions which were used to correct data found to be in error or inconsistent, to supply missing data, and to make classifications of the farm necessary for tabulation of data.

5. COMPLETENESS OF THE CENSUS

Although a complete and fully accurate count of farms, farm land, and farm production is the aim of each general, nationwide census of agriculture, it has never been reached. The causes of incompleteness and inaccuracies are a part of the complex structure of America's agriculture. Among the elements involved are the large number of places to be enumerated, the variety of arrangements under which farms are operated, the continuing changes in the relationship of farm operators to the land they operate, the expiration of leases and the making or renewal of other leases, the problems of obtaining a complete unduplicated listing of all agricultural operators, the difficulties of locating and identifying places that might be farms, the absence from their farms of some farmers during the period of the mail effort and followup procedures, the opinions of some operators that some or all of their agricultural operations should not be included in the census, etc.

Preliminary results of a check of coverage in the State indicate that about 89 percent of the farms with a total value of agricultural products sold in 1969 of \$2,500 and over, are included in the census. The 1969 coverage of part-time, part-retirement, and other low-income operations is probably less complete than for 1964 and earlier censuses. These types of operations are most likely to have been missing in the administrative records used in assembling the basic mailing list. The farms included are estimated to account for more than 93 percent of the total value of agricultural production for the State.

A more detailed statement regarding the differences in coverage between the 1969 and 1964 censuses of agriculture is provided in the Introduction to volume II of the reports for the 1969 and 1964 censuses. In addition, a detailed report on coverage of the 1969 census is scheduled to be published separately.

6. COMPARABILITY OF DATA

A factor affecting comparability, in addition to those mentioned in the introduction, was the procedure for assigning a farm to a specific geographic area.

For 1964 and earlier censuses, each enumerator was assigned to enumerate all farms in a specific geographic area, and farms were allocated to the area in which their "headquarters" was located.

1

Each of the 1969 farms was assigned to a "most probable" county and that county name was listed on the mailing label before the form was sent to the address on the mailing list. The assignment was based upon factors such as records of the Agricultural Stabilization and Conservation Service, the location of the post office, and county of location of the majority of rural route patrons. The respondent was asked to check if all his agricultural operations were located in the county shown on the address label, otherwise to identify the "principal" county in which his agricultural operations were conducted, and to name all other counties in which he had agricultural operations. If he failed to do this correctly, and especially if the preassigned "most probable" county was incorrect, the acres in the farm may have been tabulated for a different county than in 1964 and earlier censuses. In addition, even when the respondent replied correctly, if two counties or more were involved, his concept of the principal county where his agricultural operations were located might well have differed from the location of his "headquarters" as determined by the enumerator in the earlier census.

7. THE "SEE TEXT" REFERENCES AND OTHER NOTES FOR THE TABLES

Those items in the State tables which carry the note "see text" are identified in this section by being enclosed in quotation marks. Explanations and notes are shown for additional items.

Table 1

Total cropland may be overstated for 1969 as compared to earlier censuses due largely to the respondent (in most cases the farm operator) reporting his land in a different classification than that reported by the enumerators in earlier censuses.

Cropland used only for pasture and grazing may be overstated for 1969, due in part to a tendency of operators to report all pasture in replying to the first question regarding pasture (item 1b in section 3 of the regular form, and item 2 in section 5 of the short form).

"All other cropland" includes cropland used for soilimprovement crops, crop failure, cultivated summer fallow, and idle cropland.

"All other land" includes pastureland other than cropland and woodland pasture, rangeland, and land in house lots, barn lots, ponds, roads, wasteland, etc.

Table 2

Irrigation. Data on method of irrigation and source of water, along with additional irrigation data will be available in chapter 14, volume II, U.S. Summary, and in volume IV, Irrigation, 1969 Census of Agriculture.

Table 3

The 1964 and 1959 data reported in the columns headed "Negro operated farms" include the farms of all nonwhite operators.

Users may notice that data for managers are not shown separately in the report of farm operators by tenure. Discussion of this change from the 1964 and earlier reports will be found in section 8, immediately following this section.

Tenure data for 1964 and 1959 do not include farms operated by managers, and to this extent are not comparable to the 1969

figures in which the managers have been distributed according to the reported ownership of the land.

Additional information regarding farm operators will be reported in volume II. This volume will include data reporting year the operator began operation, detailed data regarding race, and average date the census form was completed.

Data on ownership of land rented from others, type of rental arrangements, and farms with grazing permits will be reported in volume II, with totals for each State.

Table 4

"Class 6 farms" have a value of farm products sold of \$50 to \$2,499 and a farm operator under 65 years of age who did not work off the farm 100 days or more in the census year.

"Part-time farms" have a value of farm products sold of \$50 to \$2,499 and a farm operator under 65 years of age who worked off the farm 100 days or more in the census year.

"Part-retirement farms" have a value of farm products sold of \$50 to \$2,499 and an operator 65 years old or over.

"Abnormal farms" include institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

"Market value of all agricultural products sold" represents the market value, before taxes and expenses, of all agricultural products sold in the census year, including livestock and poultry and their products, crops including nursery products and hay, forest products, and all miscellaneous farm products. The figures include landlords' and contractors' shares.

Table 5

Farm production expenses, total—both farms and dollars. These figures for 1969 are heavily weighted by the effect of the reporting of "all other expenditures." The 1964 and 1959 totals are reported only for the items specifically covered in all three censuses.

Commercially mixed formula feeds. Feed ingredients purchased separately which were included for 1964 and 1959 are excluded for 1969; they are reported separately for 1969 (table 14) for farms with sales of \$2,500 and over.

Commercial fertilizer. Data for 1969 include the cost of rock phosphate and gypsum; these items were not included in the 1964 or 1959 figures.

"Other agricultural chemicals" includes all herbicides, fungicides, other pesticides, growth control chemicals, and defoliants used for crops, and insecticides for livestock and poultry in the census year.

All other production expenses. This item is subject to some errors in reporting. Operators failed, in some cases, to follow the instructions as to the types of expenditures which were to be included or excluded. Obvious errors were corrected during the processing, but the dollar figures for this item should be used with caution.

Table 7

The 1964 and 1959 figures on broilers and other meat-type chickens are based on questions which had no specification regarding age.

Table 8

Farms reporting acres and quantity harvested for soybeans for beans are underreported. The format of the regular report form (the A1) provided for related crops to be grouped in one of 12 sections each of which had an introductory general question and instructions for the respondent to skip the entire section whenever he answered "No." The introductory question to section 11, where soybeans for beans should have been reported, was "Were any dry beans, dry peas, or peanuts harvested from this place in 1969?" A limited number of respondents who had harvested soybeans apparently did not classify soybeans as dry beans and skipped the entire section. Some of these reported the crop in section 23, "Other crops," while others failed to report them. In instances where there was a sizeable difference on an individual report form between the acres of cropland harvested and the sum of the acres reported for individual crops harvested, telephone calls made to check on the difference determined that it was frequently due to failure to report either soybean or hay acreages. The missing data were then obtained and the reports corrected. Consequently such underreporting tends to be limited to smaller acreages. Studies of available check data indicate the shortages to be about 5 percent or less for farms reporting and somewhat lower for acres and quantity harvested.

Hay, excluding sorghum hay. There was also underreporting for hay since the introductory general question for section 14 on the regular form which reads "Was any hay or grass silage harvested from this place in 1969?" was misunderstood in some instances. Additionally, it has always been difficult to obtain correct reporting of acreage cut for hay involving, as it frequently does, two or more cuttings from the same acreage, hay cut and seed harvested from the same acreage, or a hay crop following some other crop harvested.

"Land in orchards" includes land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages, including land on which the fruit crop failed. It does not include acres in abandoned plantings or data for places with less than 20 fruit or nut trees.

Table 9

"All other cropland." See note for table 1.

"All other land." See note for table 1.

"Farms by type." Explanation of this classification is shown in section 8.

Livestock ranches. See classification of farms in section 8.

"Market value of all agricultural products sold." See note for table 4.

Forest products sold. As in previous censuses, the data obtained in the 1969 census relate only to the forest products cut on farms. Commercial logging, timber operations, and forest products cut and sold from nonfarm places are excluded.

"Other agricultural chemicals." See note for table 5.

"Land in orchards." See note for table 8.

Table 10

"All other land." See note for table 1.

Table 13

"Market value of all agricultural products sold." See note for table 4.

"\$1 to \$2,499." In the processing, certain farms were identified whose operations would normally have a sale of farm products of \$2,500 or more, but had actual sales of less than \$2,500 in 1969. These farms are grouped with class 1-5 farms for the more detailed tabulations reported in tables 9 through 30, and are included in class 5 whenever figures are shown separately by class. They are included in the appropriate value groups having sales of less than \$2,500, in table 4.

Table 14

"Other agricultural chemicals." See note for table 5.

Hired farm labor and Contract labor. Some operators may not have clearly distinguished these two types of farm labor. Some reported expenditures for contract labor although the workers were not hired through a contractor, a crewleader, a cooperative, etc.

Number working less than 150 days. Some of these workers may have worked on more than one farm during the year, and therefore be reported by two or more operators. The number of workers reported here is likely to exceed the actual number of agricultural workers.

Table 16

"Chickens 4 months old or older" for 1964 and 1959. Note the age break at 4 months for these earlier censuses. This was changed to "3 months old or older" for the 1969 census.

Table 21

Grass silage. 1964 and 1959 figures include grass silage and hay cut green.

Soybeans for beans. See note for table 8.

All hay. See note for table 8.

"Land in orchards." See note for table 8.

Table 22

Forest products. See note for table 9.

Table 24

"All other land." See note for table 1.

Artificial drainage. Only total drained acres and number of farms having such acres are reported here. More detailed data will be available in volume II, chapter 14, Irrigation and Drainage, and in volume VI, Drainage.

Farms by type. Definitions for the various types of farms are given in section 8.

"\$1 to \$2,499." See note for table 13.

Forest products sold. See note for table 9.

Farm production expenses, total. See note for table 5.

Commercially mixed formula feeds. See note for table 5.

"Other agricultural chemicals." See note for table 5.

Hired farm labor and Contract labor. See note for table 14.

Number of persons working less than 150 days. See note for table 14.

All other production expenses. See note for table 5.

Soybeans for beans. See note for table 8.

"Land in orchards." See note for table 8.

Tables 25 to 30

See notes for table 24. The items in the left-hand margin (stub) of these tables are identical to the items in table 24, therefore the notes for this table apply to tables 25 through 30.

8. DEFINITIONS, EXPLANATIONS, AND CLASSIFICATION OF FARMS

Definitions and Explanations

For exact wording of the questions and instructions in the two census forms (A1 and A2) and in the Leaflet Guide which accompanied the A1 form, see the reproductions of these three items in appendix B.

An analysis of the questions asked in the 1969 census forms and of the data obtained will be given in volume II, General Report, Statistics by Subject, Census of Agriculture, 1969.

Definitions of items and terms which may require additional explanation as they are used in the census are presented here. In general, processing steps and procedures were designed to develop a report as fully comparable as possible with reports of earlier censuses. The more important exceptions are noted here.

Land in farms—The acreage designated in the tables as "Land in farms" consists primarily of "agricultural" land—that is, land used for crops or pasture or grazing. It also includes considerable areas of land not actually under cultivation nor used for pasture or grazing. For example, the acreage of woodland and wasteland owned or rented by farm operators as part of their agricultural operations is included as land in farms. Large acreages of land held for nonagricultural purposes were deleted in the processing steps if identified as such.

All grazing land except for open range and grazing land used under government permit was to be included as land in farms provided the place of which it was a part was a farm. Grazing land operated by grazing associations was to be reported in the name of the person chiefly responsible for conducting the business of the association. Land used rent free was to be reported as land rented from others. All land in Indian reservations used for growing crops or grazing livestock was to be included. Land in Indian reservations that was not reported by individual Indians and that was not rented to non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate total land area of States and counties as reported for 1969 represents the land area as determined by records and calculations updated to January 1, 1970. Differences between the land area in the 1969 and 1964 reports reflect changes in the number or size of reservoirs, lakes, streams, etc.

Land in two or more counties—With but few exceptions, each farm was tabulated as being in the operator's principal county, usually the county in which he reported all or the largest proportion of his total land.

Some of the exceptions developed from a survey of large-scale farms carried out prior to the mailing of the census forms. This study identified about 1,000 operations having more than one separately reportable farm unit. For these, individual census reports were obtained for each location. Reports received showing land in noncontiguous counties, for which the data would significantly affect the county totals, were separated into two or more reports which were assigned to the appropriate counties during office processing.

Value of land and buildings—Data on the value of land and buildings are presented as totals and in terms of average per farm and average per acre. The value of land and buildings reported for the census was supposed to represent market value—that is, the price for which the land and buildings would sell at the time of the census.

The value of land in buildings for farms for which the value was not completely reported was estimated during office processing by using the average value per acre of land and buildings for farms of approximately the same size having similar characteristics in the same area.

Type of organization—The 1969 census is the first in which information was collected on the type of organization under which the farm operated. This information was collected for class 1-5 farms in response to the demand for data more descriptive of current farm organizational structure than the traditional tenure of farm operator classification. See State table 24.

Farm managers—In 1969, the term "manager" was dropped as a tenure concept because it was no longer descriptive of a distinct type of farm management. Farms of the kind that would have qualified as managed according to the 1964 definition were distributed among full owners, part owners, and tenants according to the reported ownership of the land in the place. Tables in this report showing 1964 tenure data do not include managed farms in the 1964 figures used, and to this extent the 1964 data are not comparable to the 1969 data.

Farm operator—The term "farm operator" is used to designate a person who operates a farm, either doing the work himself or directly supervising the work. He may be the owner, a member of the owner's household, a salaried manager, or a tenant, renter, or sharecropper. If he rents land to others or has land worked on shares by others, he is considered as operator only of the land which he retains for his own operation. In the case of a partnership, only one partner is counted as an operator. For census purposes the number of farm operators is the same as the number of farms.

For 1969, the respondent classified his own status by his answers to the acreage and ownership questions. Data on the characteristics of farm operators were obtained in section 38 of the report form where the operator was defined as the person in charge of the farm or ranch operation. In some cases the operator was not the individual named on the address label. Sometimes informa-

tion was reported for a family member, a partner, or an operator more closely connected with the farm or ranch operations.

In the 1964 census, the farm operator was located and defined by the enumerator who generally obtained the report from the person in charge at the farm or ranch location.

Farms or farms reporting—Figures for farms or farms reporting for a specified item represent the number of farms for which the item was reported. For example, if there were 1,922 farms in a county and 465 had chickens 3 months old and over on hand December 31, 1969, the figure for farms or farms reporting for the item "Chickens 3 months old and over" would be 465.

Value of crops harvested—Data for value of crops harvested were developed by applying estimated unit values to the operators' reports of acres or quantity harvested. Generally, harvested units of production (bushels, bales, etc.) when reported, were multiplied by State estimates of price per unit. In some instances only acres harvested were reported, and these were multiplied by State estimates of value of production per acre. A combination of the two calculations was used when only acres harvested were reported by small farms, but units of production were supplied by larger farms. The State average production price and production value per acre figures used in these calculations, were supplied by the Statistical Reporting Service of the U.S. Department of Agriculture.

For vegetables and for nursery and greenhouse products, value of sales were obtained from farm operators and used in the calculation of total value of crops harvested.

Value of livestock on farms—Data for value of livestock on farms were obtained by multiplying the number of each class of livestock or poultry on hand by the State average price for 1969 as furnished by the U.S. Department of Agriculture. The 1964 and 1959 data were developed in similar fashion.

Value of farm products sold—Data for the value of farm products sold in 1969 were obtained by direct questioning in both the regular and short forms.

This is a departure from the method used in previous censuses, in which data on value of sales were obtained by enumeration for some products and by estimation for others. A discussion of the methods used in the 1964 census will be found on pages A7 to A9 of the appendix in each State report (volume I) of the 1964 census.

Total value of farm products sold—For 1969, this item excludes income which the farm operator and members of his family received from providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational services on his farm; for 1964, the total included such income.

The total value of farm products sold does not include government payments received by farm operators for participation in wheat, feed grains, and other government programs. As indicated by the data in State table 4, farm operators receive considerable farm-related income from sources other than the farm operated. Data in State table 27 indicate, for the various economic classes of farms, the number of farms on which the farm operator received income from specified sources other than the farm operated, and the amount of such income.

Total income the farm operator and members of his family received from sources other than the farm operated is not available from the 1969 Census of Agriculture. Tabulations are being made from the 1970 Census of Population to provide such

information which may be useful in this regard in a separate report.

Differences in totals for some items—The totals given in one table for an item may differ slightly from the total given for the same item in another table because of the rounding of fractions for the several groups of farms, counties, etc.

Floating point system—In preparation for showing comparative figures from the 1964 Census of Agriculture, the 1964 published figures were keyed to magnetic tape using a floating point system. The system used provides for showing the first five digits of a number, the sixth is rounded to a five and all subsequent digits are shown as zero. Thus, the figure 17,256,423 would appear as 17,256,500. Differences from the 1964 published figures may appear in the least significant digits for any number having six or more digits as a result of using this procedure.

Classification of Farms

State table 9 presents detailed data for all farms classified by selected economic class groups; State tables 24 to 29 present detailed data for class 1-5 farms classified by tenure of operator, type of organization, age of operator, size (in acres), economic class, and type. In addition, the report contains a number of counts of farms according to various characteristics as well as frequency distribution of farms classified by size of each of the principal farm enterprises.

Farms by tenure of operator—As mentioned earlier in this section, the term "manager" as a tenure concept, is not used in the 1969 census. Information regarding managers was not obtained separately as the concept has become increasingly difficult to define and identify, especially with the change to enumeration by mail. The classifications by type of organization should provide more meaningful information. Detailed data by tenure of operator and type of organization are shown in State table 24.

The classifications of tenure as used in this census are-

- a. Full owners, who operate only land they own;
- Part owners, who operate land they own and also land they rent from others; and
- Tenants, who operate only land they rent from others, or work on shares for others.

Farms by type of organization—This is the first census of agriculture in which the classification by type of organization has been used. The classifications used are—

- Individual or family farms, excluding partnership and corporation,
- b. Partnership,
- c. Corporation, including family owned— With 10 or fewer shareholders, With more than 10 shareholders,

I

d. Other-includes estates, trusts, cooperatives.

The farms were classified according to the information provided in section 37 on the A1 form. Thus there may be data shown for corporate farms in States where there are regulations affecting the extent to which corporations are permitted to engage in farming operations.

Many of the reports which showed "other" as the type of organization are institutional farms, Indian reservations, or other operations classified as "abnormal" and consequently are not included in the tabulations for class 1-5 farms.

Farms by size—All farms were classified by size according to the total land area established for each farm. Detailed data by size of farm are presented for class 1-5 farms in State table 26. The same classification was used for all States. According to definition, a farm is essentially an operating unit, not an ownership tract. All land operated by one person or partnership represents one farm. In the case of a landlord who has assigned land to other tenants, the land assigned to each tenant is considered a separate farm even though the landlord may consider the entire landholding as one unit in respect to supervision, equipment, rotation practice, purchase of supplies, or sale of products.

Farms by economic class—Data from the 1969 census are reported for "All farms" and for "Farms with sales of \$2,500 and over (economic classes 1 to 5)."

In the 1964 and earlier censuses a classification called "commercial farms" was used which included the first six economic classes; this grouping is not comparable to the "class 1-5" grouping used in the 1969 report.

To help bridge this gap, State table 9 shows data for the "class 1-6" group, in addition to data for all farms, class 6 farms, part time, part retirement, and abnormal farms.

The economic classes used in this report are defined as follows:

Class 1	\$40,000 or more of farm product sales
Class 1a	\$100,000 or more of farm product sales
Class 1b	\$40,000 to \$99,999 of farm product sales
Class 2	\$20,000 to \$39,999 of farm product sales
Class 3	\$10,000 to \$19,999 of farm product sales
Class 4	\$5,000 to \$9,999 of farm product sales
Class 5	\$2,500 to \$4,999 of farm product sales or having a value of products sold of less than \$2,500 provided they had the acreage or

\$2,500 provided they had the acreage or livestock operations which normally would have had sales in excess of \$2,500. These would include new farm operations, farms having crop failure, and farms with large inventories and small 1969 sales. For a count of these farms, see county table 13 or State table 22.

Class 6 \$50 to \$2,499 of farm product sales and a farm operator who is under 65 years of age and did not work off the farm 100 days or more in the census year.

Part time \$50 to \$2,499 of farm product sales and a farm operator who is under 65 years of age and worked off the farm 100 days or more in the census year.

Part retirement. . \$50 to \$2,499 of farm product sales and a farm operator who is 65 years old or over.

Abnormal Includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

Large-scale farms—Farms with a value of farm products sold of \$100,000 or more (class 1a) have been designated as large-scale farms. Data for these farms classified by type of farm are presented in State table 30.

Change in the classification of farms by economic classes—The above definitions of economic classes apply to the 1964 census as well as to 1969. There was a change from 1959 to 1964 which affected only class 6 and part-time farms. Discussion of this change can be found on page A14 of appendix A of volume I of the 1964 census. In 1959, a farm was classified as class 6 if it had a value of sales of \$50 to \$2,499, the operator was under 65 years of age and did not work off the farm 100 days or more in the census year, and the income from sources other than the farm operated did not exceed the value of farm products sold. Other conditions being the same, if the income from other sources exceeded the value of farm products sold, the farm was classified as part-time.

Farms by type—The type of farm represents a description of the major source of income from farm sales. To be classified as a particular type, a farm must have sales of a particular product or group of products amounting in value to 50 percent or more of the total value of all farm products sold during the year.

The count of farms by type is shown in State table 9, for all farms, for several groups of farms with sales of less than \$2,500, and for abnormal farms. It is shown by county for class 1-5 farms in chapter 3 of section 1 of this volume.

Type-of-farm breakdowns are reported in detail for class 1-5 farms in State tables 28 and 29.

The types of farms, together with the products (value of sales reported representing 50 percent or more of total value of all farm products sold during the year) on which type classification is based, are as follows:

Cash-grain—Corn, sorghums, small grains, soybeans for beans, cowpeas for peas, dry field and seed beans and peas.

Tobacco-Tobacco.

Cotton-Cotton and cottonseed.

Other field crop—Peanuts, potatoes (Irish and sweet), sugarcane for sugar or sirup, sweet sorghums for sirup, broomcorn, popcorn, sugar beets, mint, hops, sugar beet seed, and pineapples.

Vegetable-Vegetables.

Fruit and nut-Berries, other small fruits, tree fruits, grapes, nuts, and coffee.

Poultry—Chickens, chicken eggs, turkeys, and other poultry products.

Dairy—Dairy products—milk, cream, etc. The criterion of 50 percent of total sales was modified in the case of dairy farms. A farm having value of sales of dairy products amounting to less than 50 percent of the total value of farm products sold was classified as a dairy farm, if—

- a. Dairy products sold accounted for more than 30 percent of the total value of products sold, and
- Milk cows represented 50 percent or more of total cows, and
- c. The value of dairy products sold plus the value of cattle and calves sold amounted to 50 percent or more of the total value of all farm products sold.

Livestock other than dairy and poultry—Cattle, calves, hogs, sheep, goats, wool, and mohair except for farms in the 17 western States, Louisiana, Florida, Hawaii, and Alaska that qualified as livestock ranches.

Livestock ranches—Farms in the 17 western States, Louisiana, Florida, Hawaii, and Alaska were classified as livestock ranches if the sales of livestock, wool, and mohair represented 50 percent or more of the total value of farm products sold, and if pastureland or grazing land amounted to 100 acres or more and was 10 times or more the acreage of cropland harvested.

General—Field seed crops, hay, grass, and silage. A farm was also classified as general if it had cash income from three or more sources and did not meet the criteria for any other type.

Miscellaneous—Nursery and greenhouse products, forest products, mules, horses, colts, ponies, fur-bearing animals, bees, honey, goat milk, and farms with no value of farm products sold. Also all institutional farms and Indian reservations.

Stability in the classification of farms by type of farm—The type of farm classification for the 1964 census was the same as in 1969. Only one minor change was made from 1959 to 1964. In the 1959 listing of miscellaneous farms, fur-bearing animals, bees, honey, goat milk, and farms with no value of farm products sold were not listed as a part of this group.

Detailed comparative data for farms classified by type of farm for 1959 may be obtained from State table 18 of volume I of the reports for the 1959 Census of Agriculture.

9. DATA BASED ON REPORTS FOR A SAMPLE OF FARMS

Published data for all farms combine the data for the 50-percent sample of small farms, weighted by "2," with the data for larger farms. Small farms are generally those with a total value of farm products sold in the year of less than \$2,500. In addition to economic class 6, they include those farms classified as part time and part retirement.

Farms orignally defined as "small" by the mailing list sources, but reporting a total value of farm products sold in 1969 of \$10,000 and over, were tabulated with a weight of "1."

For Arkansas, about 34 percent of the total farms were subjected to sampling. By final census classification, about 67 percent of the small farms, as defined above, were subjected to sampling.

For economic classes 4 and 5, the percentages subject to sampling were 9 and 14 percent, respectively. The remaining farms in these economic classes as well as all farms in economic classes 1, 2, and 3 were selected with certainty.

The proportion of total value of farm products sold from farms which were represented in the census by the sample was less than 3 percent.

All of the published data are subject to sampling and/or nonsampling error. Sampling errors, in general, do not significantly affect totals since a very large proportion of the data were reported for economic classes 1 to 3 farms, for which there is no sampling error.

Nonsampling errors, resulting from incomplete coverage, response errors, processing errors, and other sources are discussed in section 10.

The sampling error for any published estimate can be approximated through the use of tables A, B, and C.

Table A indicates a "level" of sampling error for the number of farms reporting an item, and for magnitude items in broad categories for State and county tables. This table is used to determine sampling errors for State estimates.

Table B classifies each county within the State as having "high," "medium," or "low" sampling errors, for the county as a whole and for small farms within the county. This table must be consulted first to determine sampling errors for county estimates.

Table C presents the relative standard errors for estimated totals by number of farms reporting the item, according to the levels determined from tables A and B.

Table C shows percentage limits such that the chances are 68 out of 100 that the difference between an estimate based wholly or in part on a sample of farms and the figure that would have been obtained if the information had been collected and tabulated for all farms would be no more than the percentage specified. The chances are about 99 out of 100 that the difference would be less than 2 1/2 times the percentage given in table C. The percentage given in table C takes into account the fact that data for the items listed were collected for all farms with a value of farm products sold of \$10,000 or more.

The use of the tables may be illustrated by the following example: In a hypothetical State, 1,900 farms reported 5,068,000 bushels of corn harvested for grain on 62,100 acres. Table A shows that, for the State, measures for cropland harvested and for bushels of corn harvested have sampling reliability at level "1."

Since table C for our hypothetical State doesn't show a value for 1,900 farms reporting, we use straight-line interpolation to obtain a relative standard error of 7/10 percent. The standard error of the estimate of 5,068,000 bushels is then about 36,000 bushels. For the number of acres of corn harvested, the standard error is about 435 acres for an estimate of 62,100 acres. The number of farms reporting corn harvested is also a sample estimate, and its level from table A ("Farms having the item") is level "2," so that the standard error on an estimate of 1,900 farms is about 9/10 percent (using the line for 2,000 farms) or 17 farms.

At the 99-percent confidence level, the estimate of 5,068,000 bushels of corn harvested for grain may have an error of as much as 90,000 bushels (2 1/2 times 36,000) which means that the production determined in a complete census would most likely be between 4,978,000 and 5,158,000 bushels. For the number of farms reporting corn harvested, the 99-percent level corresponds to an estimate with a standard error of 42 farms, so that the number of farms actually having corn harvested is probably between 1,858 and 1,942.

Table A. Level of Sampling Reliability of State and County Totals for Selected Items

			State	tables	5					Cour	ity tables	* 0.10	
				E	conom	ic class	_	T	otal farms		S	Small farms	_
	Total farms	Small farms	4	<u>5</u>	6	Part time	Part retire- ment	High	Medium	Low	High	Medium	Low
Farms having the itemall farms large farms	3 1	4 -	1 -	2	4	4 -	4 -	4 1	3 1	2	5 -	4 -	3 -
Land in farms	1 1 1 1 1	5 6 6 5	3 3 2 2 2	6 6 3 3	6 6 6 5	5 6 6 5	5 5 6 5	8 8 8 6 6	7 7 7 5 5 5	6 6 6 4 4	5 6 7 6 7	4 5 5 6 5	3 4 4 5 4 5
Trigated landacres. Total value of products solddollars Cropsdollars Forest productsdollars Livestock productsdollars	1 1 1 1	6 5 5 6	1 2 2	2 3 3 2	6 5 5 6 5	6 5 5 6 5	6 5 6 5	6 5 6 5	5 4 5 5	4 3 4 4 3	7 6 6 7	6 5 5	5 4 4 5
Farm production expensesdollars Commercial feeddollars. Commercial fertilizerdollars. Fueldollars. Hired labordollars.	1 1 1 1	5 5 5 5	3 3 3 3	3 4 4 3	5 5 5 6	5 5 5 5	5 5 5 5 6	6 6 6	5 5 5 5	4 4 4	6 6 6 6	5 5 5 5 6	4 4 4 4
Machinery and equipmentnumber Estimated market valuedollars Livestock:	1 1	4 6	1 3	2 4	4 6	4 5	4 6	4 6	3 5	2 4	5 7	4 6	3 5
Cattle and calves	1 1 1	5 6 5	2 3 2	3 4 3	6 6 5	5 6 6	5 6 5	5 7 5	4 6 4	3 5 3	6 7 6	5 6 5	4 5 4
Crops harvested: Soybeansbushels Cottonbushels Cornbushels	1 1 1	5 5 6	2 2 3	3 3 4	5 5 6	5 5 6	5 5 6	6 6 7	5 5 6	4 4 5	5 5 7	4 4 6	3 3 5

Table B. Classification of Counties Into Sampling-Error Category

	Al	l farms			Small	farms	
Н	ligh	Medium	Low	High	Me	edium	Low
Baxter Boone Bradley Calhoun Clark Cleveland Columbia Conway	Izard Johnson Montgomery Nevada Newton Ouachita Perry Pulaski	Ashley Benton Carroll Cleburne Greene Hempstead Howard Independence	Arkansas Chicot Clay Craighead Crittenden Cross Desha Jackson	Baxter Conway Crawford Dallas Franklin Fulton Garland Grant	Arkansas Ashley Benton Boone Bradley Calhoun Carroll Chicot	Lincoln Little River Logan Lonoke Madison Marion Miller Monroe	Crittenden Desha Mississippi Phillips
Crawford Dallas Drew Faulkner	Saline Scott Searcy Sebastian	Lafayette Lawrence Little River Logan	Jefferson Lee Lincoln Mississippi	Izard Johnson Montgomery Newton	Clark Clay Cleburne Cleveland	Nevada Ouachita Perry Pike	
Franklin Fulton Garland Grant Hot Spring	Sharp Stone Union Van Buren	Lonoke Madison Marion Miller Pike Polk Pope Randolph St. Francis Sevier Washington White	Monroe Phillips Poinsett Prairie Woodruff	Pulaski Scott Searcy Stone Van Buren	Columbia Craighead Cross Drew Faulkner Greene Hempstead Hot Spring Howard Independence Jackson Jefferson	Poinsett Polk Pope Prairie Randolph St. Francis Saline Sebastian Sevier Sharp Union Washington	
		Yell			Lafayette Lawrence Lee	White Woodruff Yell	

Table C. Sampling Reliability Based on Number of Farms in Sample and Level of Reliability

				Relative s	tandard error (perc	ent)			
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
Number of farms for item:									
10 farms	10	13	18	24	32	43	56	75	100
20 farms	7.1	9,0	13	17	22	30	40	53	71
50 farms	4.5	6.0	8.0	11	14	19	25	33	45
100 farms	3.2	4.2	5.6	7.5	10	13	18	24	32
200 farms	2.2	3.0	4.0	5.3	7.1	9.0	13	17	22
500 farms	1.4	1.8	2.6	3.4	4.5	6.0	8.0	11	11
1,000 farms	1.0	1.3	1.8	2.4	3.2	4.3	5.6	7.5	10
2,000 farms	0.7	0.9	1.3	1.7	2.2	3.0	4.0	5.3	7.1
5,000 farms	0.5	0.6	0.8	1.1	1.4	1.9	2.5	3.3	4.5
10,000 farms	0.3	0.4	0.6	0.8	1.0	1.3	1.8	2.4	3.2
20,000 farms	0.2	0.3	0.4	0.5	0.7	0.9	1.3	1.7	2.2
50,000 farms	0.1	0.2	0.3	0.3	0.5	0.6	0.8	1.1	1.4

10. NONSAMPLING ERRORS IN THE REPORT

Errors from causes other than those related to sampling are present in any census or survey. These can arise from a variety of reasons, such as inability to obtain any response from some farmers on the mailing list, incorrect reporting, processing errors, etc.

One source of nonsampling error is present in the failure of some respondents to provide all the information requested. Special studies using a small national sample indicate that, on questions such as total value of farm products sold, the nonresponse rate may be of the order of 12 percent. It is usually possible to develop a figure for value of sales based on other entries such as production of crops, livestock sold, etc., but the figure so produced may not be as reliable as a direct report from the farmer.

There is considerable undercoverage of small farms, due to the fact that a large number of these were either not included or not identified as associated with agricultural operations in any of the administrative records and consequently were not on the final mailing list. On the other hand, some farms were on the mailing list more than once, and while duplication was eliminated to a very large extent in the processing, some duplication remains, particularly for new farms or farms whose ownership status changed during the period when the list was being developed.

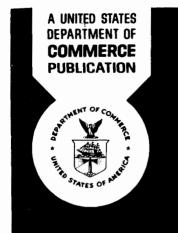
The total error of the census is a combination of the sampling and nonsampling errors. When the sampling errors are small, as in the case of economic classes 1 to 3 which have no sampling error, or for the whole State, for most counties, and for most magnitude items, the nonsampling error is usually the larger part of the total error.

11. AVAILABILITY OF DATA FOR AREAS OTHER THAN COUNTIES AND STATES

This report presents data only for the State and for counties within the State.

Summary data for the United States, regions, divisions, and States will be shown in volume II.

Unpublished tabulations of some of the data in State tables 24 through 29 can be obtained for State parts of 99 agricultural subregions to which the counties in the conterminous States have been allocated. A charge will be made for the cost of review for consistency and disclosure of data for individual farms. Information regarding the availability of unpublished data may be obtained by writing to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.



1969 Census of Agriculture

U.S. DEPARTMENT OF COMMERCE/Bureau of the Census

COUNTY REPORT TEXT

PLEASE KEEP THIS SHEET. It provides background information, definitions, and explanations including those for the "see text" notes in the tables.

Individual County Reports

Separate eight-page reports are published for all counties in the United States with 10 farms or more. Data are reported for the year 1969, with inventory (on place) figures as of December 31, 1969. Comparable figures from the 1964 census are also reported.

Information covering all farms in the county is presented in the first eight tables.

Information covering farms with sales of farm products in 1969 amounting to \$2,500 or more (economic classes 1 to 5) is reported in substantially greater detail in tables 9 through 26.

The same format is used for every county and State; the crop and livestock items reported in these tables are those which are relatively important in a majority of the counties in the United States.

County Data for Miscellaneous Crop and Livestock Items

Data for additional crop and livestock items, not common to a large number of counties, are reported in a separate set of county tables for each State.

State Reports (Volume I)

State totals of the data in the county reports are published for each State.

In addition, data for each State are shown in a separate report consisting of one book or more. Chapter 1 of section 1 presents findings at the State level in much more detail than is published at the county level.

County data appear in the State reports as follows:

- A limited amount of county data are reported in summary form in chapter 2 of section 1. These tables list the counties in alphabetical order and report selected items for each.
- The county data for miscellaneous crop and tivestock items and the number of farms by "type of farm" for all class 1.5 farms are reported in chapter 3 of section 1.
- A complete set of county reports makes up section 2.

How the 1969 Census of Agriculture Was Taken

The Mailing List—During the last week of December 1969, the 1969 Census of Agriculture forms were mailed to a list representing, as nearly as possible, all persons and firms associated with the direction of agricultural operations in 1969. The list included land owners, tenants, renters, sharecroppers, and hired managers, but excluded hired farm laborers.

The mailing list was assembled from various administrative records including names and addresses from the 1964 Census of Agriculture, the Internal Revenue Service, the Social Security Administration, and the Agricultural Stabilization and Conservation Service.

The final list was constructed by merging and unduplicating the various source lists, Additional duplicates not identified in this process were removed during data processing. Coverage is more fully discussed in the text for volume I.

The Census Forms and Their Distribution—A standard 12-page form was sent to all operators expected to have 1969 sales of all agricultural products of \$2,500 and over.

A four-page form went to a 50 percent sample of the operators whose 1969 sales were expected to total less than \$2,500. Data in the "All Farms" tables are, consequently, subject to a small sampling variation. Tables of sampling variation will be included in volume 1.

Followup Procedures—A series of followup letters brought response to well over the 90 percent level by July 1, 1970. At this point, field followup enumeration was conducted in 370 counties having low response rates to complete the collection of data for those counties.

To insure receiving reports from all large operations, telephone and field followup was started early in March. This work was continued until reports were obtained.

Standard statistical procedures were used, when possible, to deal with inconsistencies or inadequate information in filled-out forms, including any short forms reporting sales of \$2,500 or more. When these methods were not adequate, letters and phone calls were used to secure the needed information.

A more detailed description of procedures and definitions will appear in volume I.

Comparability of Data

This is the first census of agriculture conducted primarily by mail. The mailings were made just before January 1, 1970, and the information collected was intended to cover the full year, 1969. The data collection phase lasted through September 1970.

Prior censuses were taken by enumerators; the field work for 1964 was largely completed in November and December of the census year.

These two differences (use of mail and timing) affect the comparability of data from the 1969 census with data from earlier censuses. In a number of tables, 1969 inventory figures are shown; respondents were asked to report these as of December 31, 1969. Where similar figures from the 1964 census are shown, they are as of the time of enumeration.

"Farms," defined in the 1969 census exactly as in 1964, are places on which agricultural operations were conducted at any time during the census year under the control of an individual management. Places of less than 10 acres were counted as farms if the sales of agricultural products for the year amounted, or normally would amount, to at least \$250. Places of 10 or more acres were counted as farms if the sales of agricultural products for the year amounted, or normally would amount, to at least \$50.

Farms in the top five economic classes (separately reported in tables 9 through 26) are those for which the sales of farm products in 1969 amounted, or normally would amount, to at least \$2,500. Abnormal farms are excluded.

Abbreviations and Symbols

The following abbreviations and symbols may occur in the tables.

- X Not applicable.
- NA Not available.
 - Z Reported in small fractions.
 - D Data withheld to avoid disclosure of information for individual farms.

The "See Text" References in the Tables

Table 1. "All other cropland" includes cropland used for soil-improvement crops, crop failure, cultivated summer fallow, and idle cropland.

"All other land" includes pastureland other than cropland and woodland pasture, rangeland, and land in house lots, barn lots, ponds, roads, wasteland, etc

Table 3 for Southern States. For 1964, the data reported in the columns headed "Negro operated farms" include all nonwhite operators.

Table 4. "Class 6 farms" have a value of farm products sold of \$50 to \$2,499 and a farm operator under 65 years of age who did not work off the farm 100 days or more in the census year.

"Part-time farms" have a value of farm products sold of \$50 to \$2,499 and a farm operator under 65 years of age who worked off the farm 100 days or more in the census year.

"Part-retirement farms" have a value of farm products sold of \$50 to \$2,499 and an operator 65 years old or over.

"Abnormal farms" include institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc.

"Market value of all agricultural products sold" represents the market value, before taxes and expenses, of all agricultural products sold in the census year, including livestock and poultry and their products, crops including nursery products and hay, forest products, and all miscellaneous farm products. The figures include landlord's and contractor's shares.

Table 5. "Farm production expenses, total" for 1964 is the sum of specified expenditures and does not include those listed as "NA" in the table.

"Other agricultural chemicals" includes all herbicides, fungicides, other pesticides, growth-control chemicals, and defoliants used for crops, and insecticides for livestock and poultry in the census year, including any of these materials paid for by landlords, contractors, and custom operators.

Table 7. 1964 figures on sales of broilers are based on a question which had no specification regarding age.

Table 8. "Land in orchards" includes land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages, including land on which the fruit crop failed. It does not include acres in abandoned plantings or data for places with less than 20 fruit or nut trees.

Table 9. "All other land" includes house lots, barn lots, ponds, roads, wasteland, etc.

Table 13. "Market value of all agricultural products sold." See note for table 4.

"\$1 to \$2,499." In the processing, certain farms were identified whose operations would normally have a sale of farm products of \$2,500 or more, but had actual sales of less than \$2,500 in 1969. These farms are grouped with class 1-5 farms for the more detailed tabulations reported in tables 9 through 26, and are included in class 5 whenever figures are shown separately by class. They are included in the appropriate value groups having sales of less than \$2,500, in table 4.

Table 14. "Farm production expenses, total" and "Other agricultural chemicals." See notes for table 5.

In 1964, contract labor was included with machine hire and customwork.

Table 16. See note for table 7.

Table 20. "Land in orchards." See note for table 8.

Table 24. "Land in orchards." See note for table 8.

FORM 69-A1 -34			**		U.S. DE	PARTMENT BUREAU O	OF COMMER F THE CEN	U.S.Co	ode). By the sa	me law your re	I by law (Title I port to the Cens
CENSU	S OF A	GR	CULT	URE	- 1	969		Census purpos	is confidential comployees as employees as es. The law a	al Irmay be s admay be used	een only by swo only lor statistic at copies retain
Please mention the Census Fi of the address Jabel) if you wil	le Number (th	ton-di	git number i	n the up	per left c	orner		Plea	se read	7	
			-							*	ns on this for
	*							a	nd return it.	in the enclos	ed envelope a
*							34		ebruary 15,		y not later tha
		٠									d for your agri
* *								is	ultural operat s received, p	ions. It more blease write	"Extra Copy
			•								t page of eac it along wit
									e report you		
											wers you can o not have th
	-	٠							tual number.	,	
•											strates how to
		4						in	formation ab	out the ques	ontains helpfu tions. Pleas
(Please con	rect any error	in namı	ond addres	ss includ	ding ZIP	code):					n, then use the ou are complet
CENSUS USE ONLY 010	i011	01	2	013					g your repor		•
Section 1 - ACREAGE in 1959,	OWNERSHIP	and L	AND VALU	<u>. </u>			<u> </u>	,	1		
(1) there was any c	ranyé in acrea	ige oper	ated during	1969, 86	ee Leafle	t, section 1	, part A.)				value of these vildings on then
								1 '	\cres a	CENTS NOT	
							Non	014		Dollars 315	Cents
1. Land owned,		. <i></i>						1		<u> </u>	(
2. Land rented or leased fro							Non	016)17	1
Federal, State, and railro land used on a per-head t	uu iunu, una vasis under a	grazin	g permit.)				🗀	i		S	1
3. Land rented or leased to on shares by others							Non	018	1	019	1
, on other ca of princia i i i								020		These are th	e ACRES in
4. Total acres - Please SUBTRACT acres ren								<u> </u>	{	"THIS P	LACE"
5. How many acres in THIS							Non	021	_		
programs such as those for Were there any real estate							٠٠٠٠ ـــ	022	Acı	es	
on any part of the land an	d buildings	you owi	1?	• • • • •				1 [Yes 2	No.	
7. How many persons tented working land on share's.							Non	023	Per	sons	
8. How many acres of the la											
subrent or sublease to oth was worked on shares by							Non	.024	Аст	es	
					5		se rea	7	rat yanesii tarati miika anajadiiga		
 If you rented land from other information by type of lar 	hers (item 2) id ownership	, give t	he followi	ng					t of this form	:e_	
						i e	T			ted to someor	ne else
Ownership of land	1	Mark	rith X all b	ement in oxes wh		Ь.	There wer reported in	e no crops	or livestock i	n 1969 on the	land
you rented from others	Acres	Share	Share of		Other arrange-				d "SHOULD	YOU COMP	LETE THIS
reported in Item 2)		crops.	products	ious	ment	FORM?	" in Leaf	let, Section	1, Part C.	· · · · · · · · · · · · · · · · · · ·	
d. Individuals, partner-	025	1	2	3				-	itural activity		
ships, estates				10		1. Are a	ll of your n in the ur	agricultural per right c	operations l orner of the a	ocated in the ddress label?	county
b. Corporations - include	026		2	3	4	l					
railroad land						☐ Mo.		e this item ame and ac	res far princi	pal county on	the first line.
c. State lands - school	027			8 3	4	Yes	write n	ames and a	cres for add	itional counti	es in spaces
lands, etc.						Go			me of county	ue in Remarks	
d. Indian lands - tribul or reservation.	028	1	2	3	4	belo			inter or county	State	Acres 033
teased											
a. Federal lands - include	029			2 3	4		Other				
leased acreage of Taylor Grazing lands											
(See Leaflet)	L							 			
		1					-				
10. Any grazing permits on a per-head basis -	oso 1∐Yes	OS1 Acres,		032 Number	of head		To	tal acres (/	Must equal acr ection 1, Item	4) in	
Forest service, Taylor Grazing, etc.	s □ No]				2. Loca	tion within			l agricultural	operations.
						! ```				- See Leaflet,	
	Before	conti	juing Plan	46 AL41	1		1				

¢	acti:	nn 2	. 1	and	HEE	1.	1969

ection 3 - Land USI	E (n. 1969)	Zaki, C
	The purpose of this section is to distribute all acres in this place among items I through 4. Please read Leaflet, section 3, before answering item In	
minder: the same land	1. Cropland a. Cropland harvested – include all land from which crops were harpested or han was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products	Oct Acres
s used for two more purposes, ort that land	b. Cropland used only for pasture or grazing	Acres
y once — in first item	c. Cropland used for cover crops, legames, and soil improvement grasses, but not harvested and not pastured	OAS Acres
t applies.	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 them in.)	Acres
	e. Cropland in cultivated summer failow.	Acres 046
	f. Cropland idle 2. Woodland - Include here all woodlots and timber tracks and cutover and	Acres
	deforested land with young timber growth. G. Woodland pastured.	047 Acres
ase check:	b. Woodland not passured	048 Acres
he acres item 5 not agree h the acres	3. Other pasture and and rangeland — Include here any pasture other than cropland and woodland pasture a. Pastureland and rangeland improved by liming, fertilizing, seeding, irrigating draining, or controlling weeds and brush	049 Acres
own in tion 1, item 4, ase read	b. Pastureland and rangeland not improved 4. All other land - Include here any land not reported above.	050 Acres
aflet, section 3. I check your	a. Land in house lots, barn lots, ponds, reads, wasteland, etc.	Acres 052
ries.	5. Total acres in this place - Please aid the wires in items 1 through 4 and enter the total in this space	Total
, · · · · · · · · · · · · · · · · · · ·	LAND in this place been IRRIGATED at any time during the 5 years since January 1, 1965?	
1 Yes - Co	implets this section [Land irrigated in 1969] Noos	054
2 ☐ No − Go to	I. How many acres of land in this place were irrigated at any time in 1969? # None. " so to Section 5	Acres
Section 5	2. How many acres of — a. Cropland harvested (reported in section 3, them Iu) were intigated?	055 Acres
	b. Ctopland used only for pasture or grazing (reported in section 3, them 15) were integered?	056 Acres
	c. Other pastureland reported in section 3, stem 32) were irrigated?	Acres 088
	d. Any other lands were irrigated? - Specify land use Method of irrigation in 1969	Acres
	3. How many acres were irrigated in 1969 by each of the following methods — (If more than one method was used on the same field the total of these dores will be greater than item 1 above.) a. Sprinklers?	osa.
	b. Furrows or ditches?	060 Acres
	c. Flooding?	OB1 Acres
	d. Subirtigation? (Water applied below ground surface, of artificial compost of ground water)	062 Acres
,	Source of water in 1969 4. What percent of insigntion water used in 1969 was — (Please be sure the fotal percentages reported in questions a through a equal 100%. For other ways of estimating magnity of units, see Legist, section 4.)	063
,	e. From a well or spring on this place? b. From a surface supply not controlled by a water supply organization (stream,	Percen 064
	drainage ditch, lake, pond, or reservoit on or adjacent to this place)? c. From water suppliers? (Mutual, private, cooperative on neighborhood dillakes, intention	Percent 065
	district, commercial company, municipal or community water system, or another farm). Give name and address of each water supplies, (Use "Remarks," page 12 if more space is needed.)	Percent
*.	1. 2.	
,		
	Estimated quantity of water used in 1969 5. Please estimate the quantity of water used for intigation in 1969— (Report in the unit or units of measure most convenient for you. See Lewflet, section 4.1	Acre-feet Tenths
· ·	a. Acre-lect (One acre-loot covers one gore, one foot deep)	069
	b. Gallons (Fumping capacity per minute x 60 minutes x hours aperated in season). c. If acre-feet or gallons cannot be estimated in a or b above, give both inches applied and acres covered.	Gallons C68
	(1) Depth applied	069 Acres
	Page 2	

1 - Xes 4 \$	arting factors of the control of the		Juston, whose	water. See Le	.u,165, 660.00	on 5.)	
the wat Other	gmplute dita section t	*		L	Acres artific	ially drained	
s No -	Please estimate the acres drained by each of the follow on include the same acres es drained by more the			L	otal	By systems since Janua	installed ry 1, 1969
Go to Section (1. A farm system which is independent of an organize drainage district or other public agency	đ 		071		072	
	2. A farm system which drains into the system of an o drainage district or other public agency	rganized		073		074	
	3. A system installed entitlely by an organized drainage district or other public agency		,	075		076	
	commercial FERTILIZER applied on PASTURELAND in 196 t the tude land from which crops were harvested or hay co	9?					
	nplets this section			ı	Eantli	zer used	
		. 1	Acres		Dry	Liquid	or gas
□ No - Go to		- 1	fertilized	Whole to	ns Tenths	Whole tons	Tenth
Section 7	1. Cropland used only for passure (reported in section 3, item 11) fertilized		0 77	0/8	10		1
	2. Other passureland (reported in section 3, item 3a) femilized		080	081	10	082	1
ion 7 – Was CO	NTOUR PLANTING, STRIPCROPPING, or TERRACING in us	e on this pla	ice in 1969?			<u> </u>	
Yes - Cor	riplate this section				083		
No -	f Grain or row crops farmed on the contour			· · · · · · · · · · · · · · · ·			Acres
Go to Section 8	2. Striperopping systems to control exosion				004		Acre
riga da	3. Cropland and pastureland having terraces Space is provided in the next 6 pages for repo						Acres
ion 8 – Wax any	crops in a section, you can mask (X) the 'No only whole acres and whole units of production 3-23," provides additional information and at FIELD CORN harvasted for any purpose from this place in 19	n except win example s	here space is	provided for a	eporting ten		
□ Ves → C •)	nolate this acction	Acri		Quantity ho	rvested	Acr	
□ No - Go to		086	087		Bushels	069	
Section 9	1. Field com for grain — Report quantity harvested in one unif-only — either bushels or hundredweight of shelled corn	,	G86	or ———	Hundredwei	aht	
	2. Field com for sitage	090	091		Tons, green weigh	092	
	3. Field com cut for green or dry fodder, bogged or grazed (Do not include here acres already reported in item 1 or 2.)	093				094	
		1					
and Signature	(種) しょうり さいしょうしょ しょうしょうしょ かいりょう アフト・カカー			1	Fertilia	ter used	_
		.	Acres fertilized		Dry	Liquid o	
			Acres fertilized	Whole to	Ory ns Tenths	Liquid o Whole tons	Tenth
ion 9 - Were an	4. Commercial fertilizer used on field com	<u> </u>	fertilized	Whole to	ory ns i Tenths	Liquid o Whole tons	Tenth
Do not	4. Commercial fertilizer used on field corn SONGHUMS harvested for any purpose from this place in 196 report sorghum-sudum crosses in this section.)	<u> </u>	fertilized	Whole to	ory ns i Tenths	Liquid o Whole tons	Tenth
Do not	4. Commercial fertilizer used on field corn SORGHURS havested for any purpose from this place in 196	<u> </u>	fertilized	Whole to	ory ns i Tenths 10 ties.	Liquid o Whole tons	Tenth
Do flot Yes - Cot No - Go to	4. Commercial fertilizer used on field corn. 3 ORGHUMS harvested for any purpose from this place in 196 report surghum sudden crosses in this section.)	9? (Include	fertilized D95 both grain a	Whole to 095 nd Sweet varie Quantity ha	ory ns i Tenths 10 ties.	Liquid o Whole tons 097	Tenth
Do fict Tes - Cot	4. Commercial fertilizer used on field corn. 3 ORGHUMS harvested for any purpose from this place in 196 report surghum sudden crosses in this section.)	9? (Include Acres harves	fertilized D95 both grain a se ted O95	Whole to 095 and sweet varies Quantity ha	ory ns Tenths 10 ties.	Liquid o Whole tons 097 Acr	Tenth
Do flot Yes - Cou	4. Commercial fertilizer used on field corn SORGHURS harvested for any purpose from this place in 196 report sorghum-sudum crosses in this section.) nolete this section I. Sorghums bes grain or seed — Report quantity karvesied in one until only — atther bushels	9? (Include	fertilized D95 both grain a	Whole to 095 and sweet varies Quantity ha	bry ns Tenths 10 ties. Bushels Pounds Tens,	Liquid o Whole tons 097 Acriering	Tenth
Do flot Yes - Cou	4. Commercial fertilizer used on field corn 30RGHUMS harvested for any purpose from this place in 196 report sarghum-sudan crosses in this section.) 1. Saighums for grain or seed — Report quantity harvested in one unit only — either bushels or pounds	9? (Include Acres harves	fertilized D95 both grain a se ted O95	Whole to 096 nd Sweet varie Quantity ha	Dry ns Tenths 10 ties. 10 10 10 10 10 10 10 10	Liquid o Whole tons 097 Acr irrigi 101 104 pht	Tenth
Do not. YES - Co. No Go to Section 10	4. Commercial fertilizer used on field corn SORGHURS harvested for any purpose from this place in 196 report sorghum-sudum crosses in this section.) 1. Sorghums for grain or seed — Report quantity havesied in one unit only — ather bushels or pounds. 2. Sorghums for allage 3. Sorghums for allage 4. Sorghums for dry forage or hay 4. Sorghums hogged or grazed (Do not facture here	9? (Include Acres harves	fertilized D95 both grain a seted O98 100	Whole to 096 nd Sweet varie Quantity ha	bry ns Tenths 10 ties. Bushels Pounds Tons, green weig	Liquid o Whole tons 097 Acr irrigi 101 104 pht	Tenth
Do not. YES - Co.	4. Commercial fertilizer used on field corn 30RGHUMS harvested for any purpose from this place in 196 report sorghum-sudan crosses in this section.) 1. Sorghums for grain or seed — Report quantity harvested in one unit only — either bushels or pounds. 2. Sorghums for silege. 3. Sorghums cur for dry forage or hay	9? (Include Acetharys) 098	fertilized D95 both grain a seted O98 100	Whole to 096 nd Sweet varie Quantity ha	Dry ns Tenths 10 ties. 10 10 10 10 10 10 10 10	Liquid o Whole tons 097 Acr irrig 101 104 107	Tenth
Do not. Yes - Cos No - Go to Section 10	4. Commercial fertilizer used on field corn SORGHURS harvested for any purpose from this place in 196 report sorghum-sudum crosses in this section.) 1. Sorghums for grain or seed — Report quantity havesied in one unit only — ather bushels or pounds. 2. Sorghums for allage 3. Sorghums for allage 4. Sorghums for dry forage or hay 4. Sorghums hogged or grazed (Do not facture here	9? (Include Acetharys) 098	fertilized D95 both grain a seted O98 100 105	Whole to 095 and sweet varies Quantity ha	Dry ns ; Tenths 10 ities. Bushels Pounds Tons, green weight Tons, dry weight Fertilin	Liquid o Whole tons 097 Acr irrig 101 104 107 109	Tenths:
Do not. Yes - Cot No - Go to Section 10	4. Commercial fertilizer used on field corn SORGHURS harvested for any purpose from this place in 196 report sorghum-sudum crosses in this section.) 1. Sorghums for grain or seed — Report quantity havesied in one unit only — ather bushels or pounds. 2. Sorghums for allage 3. Sorghums for allage 4. Sorghums for dry forage or hay 4. Sorghums hogged or grazed (Do not facture here	9? (Include Ace harve) 098 105	fertilized D95 both grain a in tied O99 100	Whole to 095 and sweet varies Quantity ha	Dry ns Tenths 10 ties. Bushels Pounds Tons, green weight Tons, dry weight Fertilit Dry	Liquid o Whole tons 097 Acr irrig 101 104 107 109 109 Liquid o Liquid o	Tentha in Tentha

Page 3

J

В3

	Section 10 -	Were any SMALL	. GRAINS harvested for	grain from this place in 1969?
--	--------------	----------------	------------------------	--------------------------------

. 1	•		1 1 St. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u> </u>	Commerci	di tertilize		
No -		Acres hervested	Quantity harvested	Acres irrigated	Acres	, D	ry	Liqu or g	
Go to Section 11			1191750104	In i guiteu	fertilized .	Whole tons	Tenths	Whole	Tenths
1		113	1	4	5	6		7	1
1	1. Winter wheat		Bushels	<u>.</u>	_	1.	10		¦ 10
	2. Spring wheat other than durum	114	t. Bushels	4	5	6	10	7	10
1		115	1	4	5	6		7	
1	3. Durum wheat		Bushels	· ·	}		10		10
		116	1	4	5	6		7	1
1	4. Oats for grain		Bushels	1			10		10
		117	1	4	5	6		7	
	5. Barley for grain		Bushels	-[10		10
		118	1	4	5	6		7.	7
	6. Rye for grain		Bushels		[10		10
		119	1	4	5	6			1
	7. Mixed grains	1	Bushe Is	j			10		10
		120	1	4	5	6	+	7	+
1	8. Flaxseed	•	Bushels		ļ		10		10
		121	1	4	5	6	1	7	1
-	9. Buckwheat	† .	Bushels		ļ ·		10		! 10
		122	1	4	5	6	1	7	1 /
	10. Proso millet		Bushels				1 10		1 10
	` .	123	11	4	5	6		7	Ţ
	11. Emmer and spelt		Bushels	1.			10	•	! 10
	, , , ,	124	1 100-/b.	4	5	6	1 -	7	1 (
	12. Rice - Report quantity		bags	1			!		1
	harvested in one unit		2 or	1	-		;		
	only - either 100-lb. bags,		Bushels						10
	bushels, or barrels		3	"]			10		1 10
	` ,		Barrels]]	,	1
	•	125	1	4	5	6	- /	7	1
	13. Safflower	<u>L</u>	Pounds				1 10		10
		126	1	4	5	6		7	T
	14. Mustard seed		Pounds	1		-	10	.,	10

Section 11 - Were any DRY BEANS, DRY PEAS, or PEANUTS harvested from this place in 1969?

res = com	plete this section		1			Commercia	l fortilize	beau	
No -	٠,	Acres	Quantity harvested	Acres irrigated	Acres	.Dr	ÿ	Liqu	uid Jas
Go to Section 12			ilon realed	migored	fertilized	Whole tons	Tenths	Whole	Tenths
		130	lt i	2	3	4	1	5	1 /
	1. Soybeans for beans		Bushels				10	,	<u> 10</u>
	2. Peanuts for nuts	191	1 Pounds	2	3	4	10	5	10
	3. Dry field and seed beans	132	1 100-lb.	2	3	4	10	5	10
	4. Dry lima beans	193	1 100-lb. bags	2	3	4	10.	5	10
	5. Dry field and seed peas	134	1 Pounds	2	3	4	10	5	10
	6. Cowpeas for dry peas	135	1. Bushels	2	3	4	10	5	10
	or compens for any point in a	136	1	2	3	4		5	1 10
	7. Velvetbeans for beans		Bushels	Ú	`. _:		10		10
		137	[1	2	3	4		5	
	8. Mungbeans for beans		Pounds				10		10.

Section 12 - Was any COTTON, SUGAR BEETS, POPCORN, BROOMCORN, or MINT FOR OIL harvested from this place in 1969?

Yes - Com	plete this section	l' ' ' '		1		Commercia	l fortilize	beay 1	
No -		Acres	Quantity	Acres irrigoted	Acres	Ď,	y	Liq or s	u) d q\$
Go to Section 15		horvested	härvasfed	irrigoted	Acres fertilized	Whole tons	F Tenfis	Whole	(Tenths
		138	T .	2	3	4	1 /	8	1 /
	1. Cotton		Bales				1 10	<u> </u>	10
	,	139	1	2	3	4		5	/
İ	2. Sugar beets for sugar		Tons	Ĺ	İ.,	<u> </u>	10		10
		140	1	2	3	4	1	5	1
	Sugar beets for seed		Pounds				10	<u> </u>	10
	4. Popcom	141	Pounds,	2.	3	4	10	5	10.
		142	1 Tons	2	3.	4	10	S .	10
	•	143	r	2	9	4	1	5.	1
	6. Mint for oil		Pounds of oil		<u> </u>		1 10		10

4.	ny IRISH POTATOES, SWEETP	1			1		Commer	cial fertil			
Yes - Lon	plete this section	Acres	Quantity	Acres			T	Dry		Liquid	
□ No - Go to		harvested 1 %	harvested	irrigoted	Tenths	Acres fertilized	Tenths	Whole tons	Tenths	Whole tons	!
Section 14	l. Irish potatoes	160	Hundred- weight	2	10	3 			10		
	2. Sweetpotatoes	10	Bushels	2	10	3	10		10	·	
	3. Tobacco - all types	10	Pounds	1	10		10		10		
tion 14 - Was an	y HAY or GRASS SILAGE barve	ested from this plac	e in 1969?	,							
C V											
No − Go to	If two or more cuttings we REPORT ACRES ONLY Of all cuttings.			Acres harvest			Quantity			Acres	
Section 15	1. Alfalfa and alfalfa mixt	ures for hay or de	hydrating ,	170		1		Ton: dry	2		
	2. Clover, timothy, and mi	xtures of clover a	nd grasses for hay			<u> </u>		Tons	'-		
,	3. Small grain hay	.		172		1		Tons	1_		
	4. Lespedeza for hay			174		1		Tons	1		_
	5. Coastal Bermuda grass	for hay		175		<u> </u>		Tons dry	1-		
	6. Wild hay			176		1		Tons	2		
, .	7. Other hay - Sudan gras soybean, cowpea, peans							Tons dry			_
,	8. Grass silage			177		'		Tons gree			
	9. Hay crops cut and fed g	reen		178		1		Tons gree			
	•	,*		1		1		Fertiliza	er use	d	
	i e			1		1					_
				1	A	Г	Dry	,	LI	juid or i	ga
					Acre fertili		Dry Whole			hole	gas
				179	fortili	zed		Tenths			gas
	10. Commercial fertilizer u	sed on these crop	os	- 1	fortili	zed	Whole tons	Tenths	W	hole	gas
tion 15 Were an					fortili	zed	Whole tons		W	hole	
_ / _	y FIELD SEEDS harvested from				fortili	zed	Whole tons	Tenths	W	hole	gas
Yes - Com					fertili	zed	Whole tons	Tenths	W	hole	
Yes - Com	y FIELD SEEDS harvested from	n this place in 1969	l? (See Leaflet, secti	On 15.) Acres	fertili	zed	Whole tons	Tenths	181	hole tons	
Yes - Com	y FIELD SEEDS harvested from	n this place in 1969	l? (See Leaflet, secti	On 15.) Acres 190	fertili	zed II	Whole tons BO Quantity harveste	d Pounds,	161	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres 190 - 191 - 192	fertili	zed	Whole tons	d Pounds, clean see Pounds, lean see	181 2 d 2	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres harves: 190 191 192	fertili	zed II	Whole tons	Pounds, clean see	181 2 d 2 d 2	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres harves 190	fertili	zed II	Whole tons	Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see:	181 2 2 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 4 2 4	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	0n 15.) Acres harves: 190 191 192 193 194	fertili	zed II	Whole tons	d Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Clean see Pounds, clean see Pounds, clean see	181 2 2 2 4 2 4 2 4 2 4 2 2 4 2 2 4 2 2 2 4 2 2 2 2 4 2 2 2 2 3 4 2 2 2 2	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres 190 191 192 193 194 195	fertili	zed II	Whole tons	d Pounds, clean see Pounds, lean see Pou	181 2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2	hole tons	
Yes - Com	p FIELD SEEDS harvested from 1. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres 190 191 192 193 194 195	fertili	zed II	Whole tons	Pounds, clean see Pounds, clea	2 2 d 2 2 d	hole tons	
Yes - Com	p FIELD SEEDS harvested from l. Red clover seed	n this place in 1969	? (See Leaflet, secti	On 15.) Acres 190 191 192 193 194 195	fertili	zed II	Whole tons	Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see: Pounds, clean see:	181 2 dd 2 dd 2 dd 2 dd 2 dd 2	hole tons	
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed 2. Alfalfa seed 3. Lespedeza seed 4. Timothy seed 5. Bromegrass seed 6. Orchardgrass seed 7. Sweetclover seed 8. Other field seeds - Ent Name	n this place in 1969	Y (See Leaflet, secti	07 15.) Acres 190 191 192 193 194 195	fertili	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Whole tons	d Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see Pounds, clean see	181 2 dd 2 dd 2 dd 2 dd 2 dd 2	Acres irrigate	a d
Yes - Com	p FIELD SEEDS harvested from l. Red clover seed	er name and No. f. No. Name	rom list below. No. No. No. Seed 204 K	Acres 190 - 191 - 192 - 194 - 195 - 196 - 196 - 196 - 197 - 198 -	s ted	li li li li li li li li li li li li li l	Whole tons 30 Quantity harveste	Pounds, lean see Pounds	2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2 d	Acres irrigate	ed d
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969 er name and No. f No. Name 197 White clover 198 Fescue seed 199 Chewings.	Y (See Leaflet, section of the last below. No. No. No. No. Seed	07 15.) Acres 190 191 192 193 194 195	ted grass rion .	No. seed 210	Whole tons Quantity harveste Name Vetch than	Pounds, clean see Pounds, clea	2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2 dd 2 d	Acres irrigate	o.
Yes - Com	y FIELD SEEDS harvested from plete this section 1. Red clover seed	n this place in 1969 er name and No. f No. Name 197 White clover 198 Fescue seed 199 Chewings. 200 Red	See Leaflet, section See Leaflet, section	Acres 190 191 192 193 194 195 196 Acres 190 191 192 193 194 195 196 Ame Centucky blue other than Me Lupine seed	fertili is ted	No. seed 210 211 212	Whole tons Quantity harveste Name Vetch than Wheat All of	Pounds, clean see Pounds, clea	161 2 2 d 2 d 2 d 2 d 2 d 2 d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d 2 d d d 2 d d d 2 d d d 2 d d d 2 d d d 2 d d d 2 d d d 2 d d d 2 d d d d 2 d d d d 2 d d d d 2 d	Acres irrigate	o. 16
Yes - Com	plete this section 1. Red clover seed	n this place in 1969 ter name and No. for Name 197 White clover 198 Fescue seed 199 Chewings 200 Red 201 Tall YKy. 3 Other 202 Merion Kents	(See Leaflet, section 1	Acres harves: 190	rass rion .	No. seed 210 211 212 213	Whole tons Quantity harveste Name Vetch than Wheat All ot (mill blue	Pounds, clean see Pounds, lean see Pound	181 2 d 2 d 2 d 2 d 2 d	Acres irrigate No	o. 16
Yes - Com	plete this section 1. Red clover seed	er name and No. f. No. Name 197 White clover 198 Fescue seed 199 Chewings. 200 Red 201 Other Merion Kent	(See Leaflet, section Section	Acres harves 190 191 192 193 194 195 196 Lame Centucky blue; other than Me Jupine seed Ryegrass seed	grass rion .	No. seed 210 211 212 213 214	Whole tons Quantity harveste Name Vetch than Wheat All ot (mill blue	Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Pounds, lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean see Seed, other seeds lean seeds le	181 2 d 2 d 2 d 2 d 2 d	Acres irrigate No	o. 16
Yes - Com	plete this section 1. Red clover seed	er name and No. f. No. Name 197 White clover 198 Fescue seed 199 Chewings. 200 Red 201 Other Merion Kent	(See Leaflet, section Section	Acres harves: 190 191 192 193 194 195 196 196 Acres 190 191 192 193 194 Acres 190 191 192 193 194 Acres 196 Acres 190 191 192 193 194 Acres 195 196 Acres 197 Acres 197 Acres 197 Acres 197 Acres 197 Acres 198 Acres 19	grass rion .	No. seed 210 211 212 213 214	Whole tons Quantity harveste Name Vetch than Wheat All of (mill blue etc.	Pounds, clean see Pounds, clea	161 2 d 2 d 2 d 2 d 2 d 2 d 2 d 2 d 2 d 2	Acres irrigate No	o. 16
Yes - Com	plete this section 1. Red clover seed	er name and No. f. No. Name 197 White clover 198 Fescue seed 199 Chewings. 200 Red 201 Other Merion Kent	(See Leaflet, section Section	Acres 190 191 192 193 194 195 196 Lame Kentucky bluer other than Me Augurine seed Ryegrass seed buden grass seed acres seed siden grass se	grass rion	No. seed 210 211 212 213 214 215	Whole tons Quantity harveste Name Vetch than Wheat All ot (mill blue	Pounds, clean see Pounds, clea	161 2 d 2 d 2 d 2 d 2 d 2 d 2 d	Acres irrigate No	o. 16 17 18
Yes - Com	plete this section 1. Red clover seed	er name and No. f. No. Name 197 White clover 198 Fescue seed 199 Chewings. 200 Red 201 Other Merion Kent	(See Leaflet, section Section	Acres 190 191 192 193 194 195 196 Lame Kentucky bluer other than Me Augurine seed Ryegrass seed buden grass seed acres seed siden grass se	rass rion	No. seed 210 211 212 213 214 215	Whole tons Quantity harveste Name Vetch than Wheat All of (mill blue etc.	Pounds, clean see Pounds, clea	161 2 d 2 d 2 d 2 d 2 d 2 d 2 d	Acres irrigate No	o. 16 17

FORM 6 9-A1(34) 15-9-69

		ae Leaflet, sei	tront To.			
[_j Yes — Com	plete this section	Acres in		Acres	The second second	ercial fectilizer used: Dry Liquid or gas
No - Go to Section 20.		trees and wines of all ages		trigated i 🛎 L	Aores entilizad	Whole E Whele tank
on page 7	Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees	230	23	20		
ection 17 - Were th	ere any NONCITRUS FRUIT TREES or GRAP	EVINES on this	ı 10 nlace in 1	9697	100	, 10
	olete this section			ir vines of all age		
		Acres	Tentha	Number not of bearing age	Number of bearing age	Quantity horvested
□No - Go to	1. Apples	240	1 10	T.	2	g Pound
Section 18	2. Peaches, clingstone	241	1 10	1	2	3 Pount
	3. Peaches, freestone	242	10	1	2	3 Poun
*	4. Pears, Bartlett	243	1 10	1	2	3 Poyn
	5. Pears, other than Bastlett	244	1 10	1	5	3 Pouñ
	6. Cherries, tart	245	1 10	1	2	Poun
	7. Cherries, sweet	247	10	1	2	3 Paum
	8. Avocados (See Leaflet, section 17)	248	10	'	2	Poun
	9. Dates	249	10	1	2	Poun
	10. Grapes, American type	250	10	1	2	Poun
:	a. Raisin varieties - Report quantity harvested in one unit only - either tons fresh or tons dry		10			Tons 10 fresh Tons 10 day
	b. Table varieties	251	10	1	2	3 10 Tons
	c. Wine varieties	252	10	1	2	3 10 Tons
	12. Plums	253	1 10	1	2	3 Poun fresh
	13. Prunes — Report quantity harvested in one unit only — either pounds fresh or tons dry	254	10		2	Poun fresh
	14. Apricots	255	1 10	ī	2	3 10 Tons
	15. Olives (See Leaflet, section 17)	256	1 10	1	2	3 10 Tons
	16. Figs - Report quantity harvested	257	ī	1	2	3 Poun
	in one unit only—either pounds	1	10			4 or Tons
	fresh or tons dry	the space prop		he end of section	n 19 · ·	10 Tons,
ection 18 - Were th			ided at th	he end of section section 18.)	n 19.	4 or Tresh
	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place		ded at th	section 18.)		4 10 Tons
	fresh or tons dry	in 1969? (See	ded at th	section 18.)	Number of bearing age	Quantity harvested In 1968-69 from bloom of 1968
Yes Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place	In 1969? (See	ded at th	section 18.) ees of all ages Number not of bearing age	Number of bearing age	Quantity harvested in 1968-59 from bloom of 1968
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges	Acres 270	Leaflet, Tro	section (18.) ees of all ages Number not of bearing age	Number of bearing ogs	Quantity harvested in 1968-59 from bloom of 1968 Field bo
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges	Acres 270 271	Leaflet; Tonths	section (18.) ees of all ages Number not of bearing age	Number of bearing age	Quantity harvested In 1968-69 from blace of 1968 Field be Field be Field be Field be
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in tere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges	Acres 270 271 272 273	Leaflet, Tonths 10 10 10	section (18.) ees of all ages Number not of bearing age	Number of bearing age 2 2 2	Quantity hervested in 1968-69 from bloom of 1968 Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be Field be
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plete this section 1. Valencia oranges	In 1969? (See Acres 270 271 272 273 274	Leaflet, Tronths 100 100 100	section (18.) ees of all ages Number not of bearing age	Number of bearing age 2 2 2 2 2 2	Quantity harvested in 1968-59 from bloom of 1968 Field bo Field bo Field bo Field bo Field bo Field bo Field bo
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges.	In 1969? (See Acres 270 271 272 273 274 275	Leaflet, Troits 100 100 100 100 100 100 100 100 100 10	section (18.) ees of all ages Number not of bearing age	Number of bearing ogs 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bisom of 1968 Field bo Field bo Field bo Field bo Field bo Field bo Field bo Field bo
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins.	In 1969? (See Acres 270 271 272 273 274 275	Leaflet; Troits 10 10 10 10 10 10 10 1	section 18.) ess of all ages Number not of bearing age 1 1 1 1	Number of bearing oge 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field both services of 1
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in the any CITRUS FRUIT TREES on this place plete this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons.	In 1969? (See Acres 270 271 272 273 274 275	Leaflet; Tenths 10 10 10 10 10 10 10 1	section 18.) ess of all ages Number not of bearing age 1 1 1 1	Number of bearing ogs 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from blace of 1968 and 1968
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in tere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit	Acres 270 271 272 273 274 275 276 277	Leaflet; Troits 10 10 10 10 10 10 10 1	section 18.) ess of all ages Number not of bearing age 1 1 1 1	Number of bearing oge 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bisom of 1968 Field both services of 1
Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins 6. Tangelos 7. Grapefruit 8. Lemons. 9. Limes 10. Kumquats.	Acres 270 271 272 273 274 275 276 277 278		section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1	Number of bearing ogs 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field both services and services are services and services are services and services are services and services are services and services are services are services and services are services
Yes - Com Go to Section 19	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins 6. Tangelos 7. Grapefruit 8. Lemons 9. Limes. 10. Kumquats Report any other citrus fruit trees in the	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 space provides	Leaflet, Tronths 100 100 100 100 100 100 100 100 100 10	section is.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing ogs 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bisom of 1968 Field both services of 1
Yes - Com Go to Section 19	fresh or tons dry Report any other noncitrus fruit trees in tere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the tree any NUT TREES on this place in 1969?	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 space provides	Leaflet, Tronths 100 100 100 100 100 100 100 100 100 1	section is.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing ogs 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field both services and services are services and services are services and services are services and services are services and services are services are services and services are services
Yes - Com Go to Section 19	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins 6. Tangelos 7. Grapefruit 8. Lemons 9. Limes. 10. Kumquats Report any other citrus fruit trees in the	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 space provides	Leaflet, Tronths 100 100 100 100 100 100 100 100 100 1	section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age Number not of section 1 Number not of	Number of bearing oge 2 2 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Field box 3 Pounds 3 Pounds
Yes - Com Go to Section 19 ection 19 - Ware th	fresh or tons dry Report any other noncitrus fruit trees in tere any CITRUS FRUIT TREES on this place plate this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the tree any NUT TREES on this place in 1969?	Acres 270 271 272 273 274 275 276 277 278 279 space provides See Leaflet, See	Leaflet, Transis 100 100 100 100 100 100 100 100 100 100	section is.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing oge 2 2 2 2 2 2 2 2 2 2 2 3	Quantity harvested in 1968-69 from bloom of 1968 Field both stricted bo
Yes - Com No - Go to Section 19 ection 19 - Ware th Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plete this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the core any NUT TREES on this place in 1969?	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 Space provides (See Leaflet, See Acres 280 281	Tenths	section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age Number not of section 1 Number not of	Number of bearing age 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field both stricted bo
Yes - Com Go to Section 19 ection 19 - Ware th	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the orange any NUT TREES on this place in 1969? plote this section 1. Walnuts, English or Persian.	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 Space provides See Leaflet, See Acres 280 281	Tenths T	section is.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age Number not of section 1 Number not of	Number of bearing age 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field both stricted bo
Yes - Com No - Go to Section 19 ection 19 - Ware th Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the cre any NUT TREES on this place in 1969? plote this section 1. Walnuts, English or Persian. 2. Almonds. 3. Pecans, improved 4. Pecans, wild and seedling.	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 Space provides (See Leaflet, See Acres 280 281	Tenths	section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing age 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bisom of 1968 Field box Field
Yes - Com No - Go to Section 19 ection 19 - Ware th Yes - Com	fresh or tons dry Report any other noncitrus fruit trees in tere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the tore any NUT TREES on this place in 1969? plote this section 1. Walnuts, English or Persian. 2. Almonds. 3. Pecans, improved. 4. Pecans, wild and seedling. 5. Filberts and hazelnuts.	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 Space provides See Leaflet, St. Acres 280 281 282 283	Tenths 10 10 10 10 10 10 10 1	section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing age 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 as Field box as Field
Yes - Com No - Go to Section 19 Westing 19 - Were the Yes - Com No - Go to	fresh or tons dry Report any other noncitrus fruit trees in ere any CITRUS FRUIT TREES on this place plote this section 1. Valencia oranges. 2. Navel oranges. 3. Temple oranges. 4. Other oranges. 5. Tangerines and mandarins. 6. Tangelos. 7. Grapefruit 8. Lemons. 9. Limes. 10. Kumquats. Report any other citrus fruit trees in the cre any NUT TREES on this place in 1969? plote this section 1. Walnuts, English or Persian. 2. Almonds. 3. Pecans, improved 4. Pecans, wild and seedling.	In 1969? (See Acres 270 271 272 273 274 275 276 277 278 279 space provides (See Leaflet, St. Acres 280 281 282 283 284 285	Tenths	section 18.) ess of all ages Number not of bearing age 1 1 1 1 1 1 1 1 Number not of bearing age 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of bearing age 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Quantity harvested in 1968-69 from bloom of 1968 Field box Field

Page 6

FORM 69-A1(34) (5-9-69)

Yes - Com	tlete this section		Acres harvested	1 .	Quantity has	rvested	Acres irrigated	1
			1	Ten ((1 quart = 1½	pounds)	Report tenths of acres	5
□ No -			290	1			2	
Go fo Section 21	l. Strawberries	, , , , , , , , , , , , , , , , , , ,	291	10		Pount	2	
	2. Raspherries, red			10		Pound	is	
	3. Raspberries, black		292	10		Pound	is 2	ı
	3. Rasposities, black	<u> </u>	293	1		100-16	, ²	
	4. Cranberries		·	10		barrel	2	
	5. Other bearies - Enter name	and No, from list below						;
	Name	No		10		Pound	2	
	Name	No		10		Pound	ls	;
	Name No.	Name No.	Name	N	io. Name			io.
	Blackberries and dewberries 294	Blueberries, wild 296 Boysenberries 297	Gooseberries		14. 1.	ther berri		02
	Blueberries, tame 295	Currants 298	Loganberries Youngberries			0 1,0,0 2	2010 1111111111111111111111111111111111	-
			1		•	Fertil	izer used	
			Acres fertilized	i en	Dr	у	Liquid or g	gas
			Report tenths		Whole	, 1 🛊	Whole tons	
			303		304		305	
	6. Commercial fertilizer used	on berries		. 10	ó		10	
Section 21 - Were an	VEGETABLES, SWEET CORN,	or MELONS harvested for sale fr	om this place in 19	69?				
(Include	crops harvested for fresh market,	conning, freezing, or other proce	essing. See Leafle					
Yes - Com	olete this section			Rep	s harvested ort tenths	Tenths	Acres irrigated Report tenths	
□ No →	*	. •		310	f acres	1 12	of acres	_
Go to Section 22	1. Tomatoes			311		10		
Section 22	2. Sweet com					10		
	3. Cucumbers and pickles	<i>,</i>		312		10		
	4. Watermelons			313		1/01		
				314		10		
	5. Snap beans, bush and pole		· · • · · · · · · · · · · · · · · · · ·	315		10		
	6. Dry onions		• • • • • • • • • • • • • • • • • • •	316		10		_
1> •	7. Lettuce and romaine					10		
	8. Asparagus		, . <i>,</i>	317		10		
	9. Cantaloups, Persians, and	muskmelons		318		10		_
				319		10 1		_
	10. Sweet peppers, except pim			320		-		
	11. Green peas	·		321		10		
	12. Cabbage					10		
	13. Squash					10		
	14. Green lima beans		• • • • • • • • • • • • •	323		10		
	15. Other vegetable crops - E	•	elov		_	1		
	Name	· ·	No			10		
						1		_
	Name		No	L		1 10		
	Name No. Artichokes	Name N Cauliflower	o. Name 40 Hot peopers .	,		iame ininach		No. 352
	Beets	Celery 3	41 Kale	,	347 T	urnips		353
	Blackeyes and other green cowpeas 335	Eggplant	42 Mustard green Pumpkins				vegetables : os, turnip greens,	
	Breccoli	and chicory 3	Radishes	*****			rite name above	
	Cerrols	Garlic	M Shallots and green onion		351			
			1		1	Forti	lizer used	
			Acres		Dr	y	Liquid or	ga
			Report tenth of acres			1.	Whole	
			355		356		357	
2. 5	16. Commercial fertilizer used	on veretables.	7			1	_	
	sweet com, or melons			110	n l	٠,	10	

Comp	lete this s	ection							Ares	sedîn 1969	9		1		of sales, 1	
1					,	` .			eet under	Acres in	the op				approximo amount IOT REQU	
23								glass i	or other ection	Report of ac	tenths res	1 -	371	Doll		Cents
23	1. Nursery	produc	ts-tree	s, shrul	bs, vine	es, etc.:	• • • • • • •			372			0 373	\$		
	2. Sod						,			375			/	S	- 	-
	3. Bulbs .							·/////////////////////////////////////				11	0	\$		t .
	4. Cut flo		orist gre her floris							378		1	0 379	s		1 1
	5. Flower							400		401			402			1
	vegeta	ole plan	its		<i>.</i>			403					404	8		
	6. Mushro							405					406	\$		·
	7. Vegeta a. Tom	-		_		er protec								\$: :
	b. Cuc	umbers						407					408	8		:
								409					410	s		ì
								411					412			!
	d. Othe	r veget	ables .		• • • • •			413		414				<i>```</i>		
	8. Area ir	rigated	- Inclu	de item	s 1 thre	ough 7.		٠٠ــــــــ	····	<u></u>			°///			
						,		İ	Area fe	لندسالت	. ''			ertíliz	er used	
									-		1 2	WI	Dry ole	. 2	Liquid o	*****************
									e feet	Acres	Tenths	to	ons	Tenths	tons	Tenths
	9. Comme	rcial fe	rtilizer	hear				415		416	1	417			418 ⁻	1
		ROPS has section rops for	arvested	from thi	is place	in 1969?	······	flet, sectio	n 23.)	42	1		stod	10	Acres irrig	ted .
Com	oplete this 1. Root c. 2. Sorghu	section rops for ms for s	feed .	from thi	s place	in 1969?	(See Lea	flet, sectio	n 23.)	42	Acres 0		sted	1	Acres irrig	
Com	plete this 1. Root c. 2. Sorghu 3. Soybea	section rops for ms for s	feed .	from thi	s place	in 1969?	(See Lea	flet, sectio	n 23.)	42	Acres 0		stod	1	Acres irrig	
om	y OTHER Coplete this 1. Root c. 2. Sorghu 3. Soybea 4. Other c	section rops for ms for s	feed .	from thi	s place	in 1969?	(See Lea	flet, sectio		42	Acres 0		sted	1	Acres irrig	
Com	1. Root c. 2. Sorghu 3. Soybea 4. Other c.	ROPS his section rops for s ms for s ins hogg crops — Name Castor Cowper grazifor s Guer	feed .	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca	(See Lea	Na. 427 428 ander 429 431	No	42	Acres 0	No. 433 434 435 436	Name Chui All c	1 1 1 as for other c	autsrops – me above	No 438
om	1. Root c. 2. Sorghu 3. Soybea 4. Other c.	ROPS his section rops for s ms for s ins hogg crops — Name Castor Cowper grazifor s Guer	feed sirup ged or gr Enter n beans as hogge ed or cut	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca	for seed	Na. 427 428 ander 429 431	No	er seedorn for seed read along tedoil	Acres 0	No. 433 434 435 436	Name Chil W	as for there can be not the same as for the sa	nuts rops – me obove	No 435
om	1. Root c. 2. Sorghu 3. Soybea 4. Other c.	ROPS his section rops for s ms for s ins hogg crops — Name Castor Cowper grazifor s Guer	feed sirup ged or gr Enter n beans as hogge ed or cut	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca	for seed	Na. 427 428 ander 429 431	No	er seedorn for seed read along tedoil	Acres	No. 433 434 435 437	Name Chui All c W,	as for there could not the no	nutsrops — me above	No 435
Com	1. Root c. 2. Sorghu 3. Soybea 4. Other c.	ROPS his section rops for s ms for s ins hogg crops — Name Castor Cowper grazifor s Guer	feed sirup ged or gr Enter n beans as hogge ed or cut	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca	for seed	Na. 427 428 ander 429 431	No	et seed	Acres	No. 433 434 435 437	Name Chuir All c W/	as for other c	nutsrops — me above	No 435
Com	1. Root c. 2. Sorghu 3. Soybea 4. Other c. Name Name	ROPS his section rops for ms for s ms hogg crops — Name Castor Cowper graze for s Guer., Hops.	feed . sirup ged or gr Enter n beans as hogge ed or cut illage	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca Sugarca Crops	for seed use for s	Na. 427 428 Adder: 429 430 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W,	as for there could not the no	nutsrops — me above	No 435
Comn 24	1. Root c. 2. Sorghu 3. Soybea 4. Other c. Name Name	ROPS his section rops for section ms for section ms for sections hoggerops — Name Castor Cowper grazz for section section for section for section for section section section section section section for section sec	feed sirup ged or gr Enter n beans as hogge ed or cut silage crtilizer CTS sold	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca Sugarca Crops	for seed use for s	Na. 427 428 ander 429 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chuli All c W/	as for other contine no	auts rops - me obove Liquid Whole tons 442	No
Comn 24	1. Root c. 2. Sorghu 3. Soybea 4. Other c. Name Name	ROPS his section rops for section ms for section ms for sections hoggerops — Name Castor Cowper grazz for section section for section for section for section section section section section section for section sec	feed sirup ged or gr Enter n beans as hogge ed or cut silage crtilizer CTS sold	from thi	No	Name Lentils Sesame Soy Bear Sugarca Sugarca Sugarca Crops	for seed use for s	Na. 427 428 Adder: 429 430 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W/	as for there are stated in the state of the	nuts tops - me above Liquid Whole tons	No
Comn 24	1. Root c. 2. Sorghu 3. Soybea 4. Other c. Name Name	Name Castor Cowper grazi for s Guar, Hops.	feed	from the	is place r cut fo No	Name Lentils Sesame Soy Bear Sugarca Sugarca Sugarca Crops	for seed us plowed us no for; at.	Na. 427 428 Adder: 429 430 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W,	as for other contine no	auts rops – me above Liquid Whole tons 442	No
Com	y OTHER Coplete this 1. Root c. 2. Sorghu 3. Soybea 4. Other connection Name Name Name The Portion of the Connection of	ROPS his section rops for section was for section. Name Castor Cowper grazifor section. Rectal fee PRODUCTS section.	sirup sed or gi Enter n beans as hogge ed or cut illizer CTS sold	from thi	No	Name Lentils Sesame Soy bear Sugares Siru See	for seed us plowed us no for; at.	Na. 427 428 nder 429 431 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W/	as for the case of	auts rops – me above Liquid Whole tons 442	No
Comn 24	y OTHER Coplete this 1. Root c. 2. Sorghu 3. Soybea 4. Other consumer Name Name Name 1. Comments 1. Standi	Name Castor Cowper grazi for s Guar, Hops.	sirup sirup sed or gr Enter n beans as hogge ed or cut silage crtilizer CTS sold	trazed on ame and dor	Ro	Name Lentils Sesame Soy bear Sigarca Sug Sir See	for seed us plowed us no for:	Na. 427 428 nder 429 431 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W,	as for continue of the continu	auts rops – me above Liquid Whole tons 442	No
Com 24 Com	y OTHER Coplete this 1. Root c. 2. Sorghu 3. Soybea 4. Other converse Name Name Name 1. Scandi 2. Firewood 2. Firewood 2. Firewood 3. Soybea 4. Other converse Name Name Name 1. Scandi 2. Firewood 3. Soybea 4. Other converse Name Name Name Name Name Name Name Name	ROPS his section rops for ms for s ans hogg crops — Name Castor Cowper grazz for s Guar. Hops . PRODUCT Section and timber code and and age and w	feed feed feed feed feed feed feed feed	trazed on ame and dor	Ro	Name Lentils Sesame Soybean Sugarca Sugarca Sur See	for seed of se	Na. 427 428 nder 429 431 431 432	No	er seed	Acres	No. 333 434 435 436 437	Name Chui All c W/	as for other control of the control	auts rops – me above Liquid Whole tons 442	No

Page 8

	y or anyone else have any CHICKERS, TURKEYS, or OTHER POULTRY on this place any sold from this place in 1969? (See Leaflet, section 25.)	on December 31, 1969,	Total number
	plete this section	Number	sold in 1969 Include poultry fed
	n de gingever ginner de feet in. De detail de de de de de de de de de de de de de	on this pla December 31,	1969 and taken
□ No - Go to	1. Chickens 3 months old or older:	455	from this place
Section 26	u. Hens and pullets of laying age (Exclude started pullets being raised for	sale) 457	458
	b. Pullets 3 months old or older not yet of laying age – Include started pullets being raised for sale or sold		
	c, Any other chickens 3 months old or older not included above-roosters, capons, etc.	459	460
		461	462
<i>(* * *)</i>	Broilers and other meat-type chickens less than 3 months old	463	464
	a. Turkey hens kept for breeding	465	466
	b. Other turkeys - Include fryers	467	
	4. Ducks.,		468
`	5. Geese	469	470
	6. Other poultry - Include game birds	471	472
0-12-00 813	raised in captivity - Specify -		1
	or anyone else have any CATTLE or CALVES on this place on December 31, 1969, or eaflet, section 26.)	were any sold from this ()face in 1969?
Yes - Com	plete this section		Number on this place December 31, 1969
□No -	1. Cattle and calves of all ages		480
Go to Section 27	(Total of a, b, and c)		481
500,000 27	a. Cows — Include dry cows and heifers that had calved		482
	e. Bulls, bull calves, steers, and steer calves	• • • • • • • • • • • • • • • • • • • •	483
	, and the second and the second secon		Number of milk cows
,			on this place December 31, 1969
	2. Milk cows - Of the total cows reported in item 1a, how many were milk con Include dry milk cows and milk heifers that had calved		484
,			485
	3. Was any whole milk sold to plants or dealers in 1969?	• • • • • • • • • • • • • • • • • • • •	1 Yes 2 No
1.6		T. 1 1 1:	Number fattened on grain or concentrates
	4. Cattle and calves sold from this place in 1969 - Include those	Total number sold	30 days or more and sold for slaughter (See Leaflet)
		486	487
		488	489
Section 27 - Did you	b. Cattle other than calves sold	u cold from this place in	19592
(See Le	raflet, section 27.)	y sord from this prace to	1303:
Yes - Comp	plete this section		Number on this place December 31, 1969
□.Ño -	l. Hogs and pigs of all ages (Total of a and b)		490
Go to Section 28	a. Hogs and pigs used or to be used for breeding		491
500,10,120	b. Other hogs and pigs	• • • • • • • • • • • • • • • • •	492
	2. Litters farrowed on this place between -		Number of litters
	o. December 1, 1968, and May 31, 1969		494
	b. June 1, 1969, and November 30, 1969		
		Tatal number sold	Number sold as feeder pigs for further feeding
	3. Hogs and pigs sold from this place in 1969	495	496
ection 28 - Did you	or anyone else have any SHEEP or LAMBS on this place on December 31, 1969, or wer	any sold from this otac	in 1969?
*	lete this section	Number on this place	Number sold in 1969
,	onwels and mitton of all allea	December 31, 1969	501
□ No − Go to	(Total of a, b, and c)	502	
Section 29	d. Lambs under 1 year old	503	
	b. Ewes I year old or older		<i>\(\(\(\(\(\) \) \)</i>
	1,	504	- ////////////////////////////////////

Page 9

FORM 69-A11341 (6-9-69)

Section 29 - Did you	or anyone else have any OTHER LIVESTOCK on	thie	nlár	e an	Dec	ambo	r 24	ao f	Q ni	WAF	i api	· · ·	à Tìn	m .th	iès mi	aca li	10000		, *;·
	plete this section	illia	hiad	e dir		, a m the	, , , , , , , , , , , , , , , , , , ,	, 130	31 MI	N	umbi	r on	this	plac		re in the	imper sold	in: 190	69
	1. Horses of all ages (Do not include ponie	8).					``;		* *	510	Ţ					511	-		
□ No - Go to	2. Ponies of all ages			·				: . :		512				,		51.3			
Section 30	3. Mules, burros, and donkeys of all ages									514						515		*********	· · · · · · · · · · · · · · · · · · ·
	4. Angora goats								Ţģ.	516	```					517		· .	
	5. Milk goats					2				518				,		519			
	6. Other goats						183		` 	520	<u> </u>					521			,
	7. Hives of bees on this place and honey s					***	.; ,;			522	-					523		Pound of hon	
·	8. Mink					·				524						525		Mink	
İ	9. Rabbits									526				-	·	527		Rabbit	
	10. Chinchillas				• •	,				528						529		Chine	hillas
į	11. All other livestock - Specify		• • •	• • •	• •	• • •			• •	530				-		531		and pe	1115
	11. All other livestock — Specify								_										
										530						531			
Section 30 Did you	have any CONTRACT or BINDING AGREEMENT	f to r	rodu	ń en	r ma	rket s	nv f	arm r	ovndu	rte f	tom '	thie	olace	in '	1060				
	eaflet, section 30.)	,	vua		. 1114			w. 1.133 }	,,,,,,,	44.0 1	10111	11113	proce						
Yes - Com	plete this section	Pr	oduc	tìon	1 0	orket or sal	es		١,,	ark (X-}as	ma	חא בס	lumi	15				
	For each group of products, mark (X) the column which best describes the purpose	Col	ntrac	t or	Ço	ntrac	t or			0.5 Q	pply	for	each e con	item	1	١.	Amount re	ceive	d .
□ No - Go ta	of the contract or agreement and the type of contractor. If both production and		ğ	Γ.	fing	1	Γ				tue		Γ		Ī.,	1	from con- for each p	roduc	f
Section 31	marketing for the product, mark under production. Also mark the items furnished	٩	988		cetin				1	à	e Edi	_	1		ing.	CEN	ITS NOT F	FOU	PED
	and report the amount received.	Co			Market				Credit	Labor	Equipme	Seed		Offe	Noth		Dollars		Cents
	1. Poultry and eggs	L_	2	3	4	5	6	541	1	2	3	4	5	6	7	542	<u>s</u>	_ :	
	2. Dairy products	L	2	3	4	5	6	547	<u></u>	2	3	4	5	6	7	548	\$	-	
	3. Cattle	L	2	3	4	5	6	550	1	2	3	4	5	6	7	551	\$		
	4. Hogs and other livestock			L	L		1		,			Ĺ					<u>s</u>		
	5. Vegetables - melons, etc		2	3	4	5	6	553	1	2	3	4	5	6	7		\$!	
	6. Fruits, citrus, nuts, or berries		2	3	4	5	6	556	1	2	3	4	5	6	7		s		
	7. Other crops - sugar beets, peanuts, etc.		2	3	4	5	6	559	Ľ	2	3	4	5	6	7	560	\$		
	8. For each product for which you														Wri	tten	Oral	В	oth
	had a contract or agreement, write the name of the product	0	ı, <u> </u>											561	1		2	3	
	and indicate whether the con- tract was written, oral, or both. produ-		2										:	562	1	\Box	2	3	_
	tract was written, orat, or both.	- [.	3										:	63	f.		2	3	
	NERY and EQUIPMENT on this place on Decemb	er 31	, 196	9.(1	nc lu	ıde o	nly	equi	omen	ıt	,								-
used i	n 1968 or 1969. See Leaflet, section 31.)												_				nufactured	,,	70
	Selected machinery and equipment on this	place	, D	ecen	ber	31,	1969)					570	1965	or 1	OTO!	571	or ear	1101
	1. Automobiles			• • •	,	• • •		• • •		• • •		• •	572			`	573		
	2. Motortrucks - Include pickups						٠	• • •	• • •	•••	٠.,	• •	574				575		
	3. Wheel tractors other than garden tractors	and	mot	or t	iller	s	• • •	• • •	• • •	• • •	• • •	• •	576		_		577		
	4. Crawler tractors								• • •	• • •	• • •	٠.	578				579		
	5. Riding garden tractors, 7 hp. and over.	· · ·	• • •	• •	• • •	• • •		• •				• • •	580		_	, , ,	581		
	6. Grain and bean combines, self-propelled	only	<i>,</i>	• •			•••	• • •	·,••		•••		582				583		
	7. Corn heads for combines	• • •		• • •	• • •	• • •		• • •	• • •	•, • •	• ,* •	• •	584		_		585		
	8. Other compickers and picker-shellers.		• • •			• • •		• • •		• • •		• •	586				587	-	
	9. Pickup balers	• • •	• • •	• • •		٠. ،	• • •	• • •	• • •		•`-,•	• • •	588			<u></u>	589	-	
	10. Windrowers - pull and self-propelled (E.	rc luc	le m	owe	r co	ndití	oner	8).		٠.,		• • •	890				591		
	11. Field forage harvesters, shear bar only		• • •		• • •		• • •	; ;		٠	• • •			• •					IDEO
				4				. •						3		CEI	NTS NOT 1 Dailars		Cents
	12. Estimated market value of all machinery	and	equ	ipme	nt i	rsual	ly k	ept c	n th	is p	lace	and	luse	ď		592			
	for the farm business - Include the items	list	ed a	bove	an	d anı	oth	er m	achi	nery	ana	eq	uipm	ent.	• •	<u></u>	8	<u>i</u>	
Section 32 - Were an employ	y HIRED WORKERS employed to do farm or ranciples of labor contractors who performed cust	omwe	k on ork j	this or y	pia ou.	see	1969 Lea	l? (D flet,	sec	ot inc	32.)	e ·	ð				` ` .		
	plete this section								,	,				٠. ،			Number of	works	ers
□ No -	1 0/ 1 1/1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	q. j	150	days	or n	nore	on t	his j	place	e} .		• •	, 1.4	600	***************************************		
Go to Section 33	1. Of the hired workers, how many worked	-	1			s tha							· . •			601			

Page 10

Section 25 - INSECTICIDES, RERBICIDES, FUNGICIDES, OTHER PESTICIDES, LIME and OTHER CHEMICALS used on this place in 1969.

Include any of			ons sed	Acres which		Estimated (Do not inc cost of appl CENTS NOT RE	:lude ying)
these materials		610		611		Dollars 612	Cents
landlord and by	1. Lime (Do not include land plaster or gypsum orline for sanitation.	1 .				\$	-:
For each item listed, report	2. Sprays, dusts, fumigants, etc. to control ~ g. Insects on hay crops	<i>.</i>		613		614 S	
acres only once, but report cost of	b. Insects on other crops (corn, cotton, tobacco, potatoes, trees,	vines. e	etc.)	615		616 S	
all such materials used on these			,	617		618	
acres in 1969. (See Leaflet.	c. Nematodes in crops		. ,	519		620	
section 33.)	d. Diseases in crops and orchards (blights, smuts, rusts, etc.).			621		S	
	. Weeds or grass in crops - include both pre-emergence and post-	emergen	ce)	623		5	
	f. Weeds or brush in pasture			625	[\$ 626	
	3. Chemicals for defoliation or for growth control of crops or thinnin	ng of frui	t	625		\$ <u>\$</u>	
	4. Expenditures for insect control on livestock and poultry	<i></i> .				627 \$	
Section 34 - Product	ion EXPENSES for this place in 1969.						
						CENTS NOT RE	EQUIRED Cents
Tankuda mahir haat	1. Livestock and poultry purchased - cattle, caives, hogs, pigs, sh	•••				630	Cents
Include your best estimate of expenses paid by	lambs, goats, horses, baby chicks, poults, started pullets, etc.					S 631	
others - your Isadiord, con-	2. Total feed purchased for livestock and poultry - grain, hay, silag feeds, concentrates, etc. (Total of dollars for a, b, c, and d)		1			,	
tractors, buyers,	treest, admirating our (Your of arms to at at at at at at at at a first and at a first a		1	. , ,			
livestock or livestock products	a. Commercially mixed formula feeds purchased – complete, supplement, concentrares. (Do not include ingredients	Tons 32	Tenths	Dollars 633	Cents		
produced on this	purchased separately such as soybean meal, cottonseed meal, and weal.)		10	s			
(See Leaflet, section 34.)	b. Ingredients purchased - such as soybean meal, cotton-	34	7	635			
	seed meal, urea, etc., millfeeds or other milling byproducts. (Do not include whole grains.)		10				
	c. Whole grains purchased - such as corn, oats, barley, grain sorghum, wheat, rye, etc. Include cracked	36	,	637			
	grain. (Do not include millfeeds or other milling byproducts, or green chop.)		10	1			
		38	10	639	\$		
	d, Hay, green chop, silage, etc	-				640	
	3. Seeds, bulbs, plants, and trees purchased		• • • • •			S 641	
	4. Commercial fertilizer purchased - all forms, including rock phosp				• • • • •	S 642	
	 Total gasoline and other petroleum fuel and oil purchased for the fuel, LP gas, butane, propane, piped gas, kerosene, fuel oil, mot (Total of a, b, c, and d) 				<i></i>	s	
			1	Dollars	Cents		
2			643				
	a. Gasoline for the farm business	• • • • •	- · S		:	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	
	b. Diesel fuel for the farm business		S				
	c. LP gas, butane, and propane for the farm business		s		!		
	d. Motor oil, grease, piped gas, kerosene, and fuel oil for the farm business		646 S		;		
	 Hired farm labor - Include all money paid in cash for farm labor i payments to family members, and for Social Security baxes. (Do n housework, customwork, and contract work.) 	not inclu	de			647	
	7. Contract labor — Include expenditures primarily for labor, such as of fruit, vegetables, berries, etc., performed on a contract basis a crewleader, a cooperative, etc.	s harvest by a con	ing tractor,			648	:
	8. Machine hire and custom work — Include expenditures primarily fo and for custom work such as grinding and mixing feed, plowing, co picking, silo filling, spraying, dusting, etc.	or use of ombining	equipme , corn			649 S	:
	9. Agricultural chemicals purchased — Add dollars reported in section			total Larc		650	
	10. All other production expenses - Include current operating expens taxes, interest, cash rent, insurance, repairs, etc., for the farm by	es, and usiness.	deprecia	tion,		651	:
	(See Leaflet, Section 34.)				· · · · ·	652 S	:

Section 35 - MARKE	T VALUE, before taxes and expenses, of agricultural products sold from this place in 1969 – crops, livestock,	Nyestock products, etc.
		CENTS NOT REQUIRED
Include market	1. Grains - com for grain, small grains, soybeans for beans, grain	Dallars Cents
value of	sorghums, cowpeas for peas, dry beans, and dry peas	S
landlord's and contractor's share.	2. Tobacco	661
(See Leaflet, section 35.)		662
	3. Cotton and cottonseed	663
	4. Field seeds, hay, forage, and silage	8
	5. Other field crops - peanuts, Irish potatoes, sweet- potatoes, sugar beets, sugarcane, pineapples, popcorn, mint for oil, hops, etc Specify	664
	6. Vegetables, sweet corn, and melons (Do not include Irish potatoes	665
·	and sweetpotatoes.) 7. Fruits, nuts, and berries – apples, berries, citrus, grapes,	666
	peaches, pecans, pears, etc.	\$ 667
	8. Poultry and poultry products - broilers, other chickens, eggs, ducks, turkeys, etc.	
	9. Dairy products - milk, cream, etc. (Report goat dairy products in item 13.)	668
	10. Dairy cattle and calves	669 \$
	11. Other cattle and calves	670
	12. Hogs, sheep, and goats - Include pigs, lambs, wool, and mohair.	671
	13. Other livestock and livestock products -	672
	horses, mules, fur-bearing animals, bees, honey, goat dairy products, etc Specify	_ s
	14. Nursery and greenhouse products sold - Add dollars reported in section 22 and enter total here.	673 \$
	15. Forest products sold – Add dollars reported in section 24 and enter total here	674
	16. Total market value of all agricultural products sold, before taxes	675
C	and expenses - Add dollars for items 1 through 15 and enter total here	- 13
Section 36 - PARM-	RELATED INCOME received in 1969	CENTS NOT REQUIRED Dollars (Cents
Report amount	1. Customwork and other agricultural services provided for others - plowing, planting,	680
received before taxes and	spraying, harvesting, preparation of products for market, etc	681
expenses.	boarding and lodging, or other recreational facilities on this place	3
	3. Payments you received for participation in Government farm programs (Do not include redeemable loans. See Leaflet, section 36.)	682 S
Section 37 - Type of	ORGANIZATION	
•	1. Mark (X) the box which best describes this operation.	
	Corporation, including family 5 Other - (Do not include co-ops.)	Specify
	1 Individual or family farm, 3 Individual or family farm, 10 or fewer shareholders	
	excluding partnership For exam and corporation	ple: Estate or trust, Indian
	, , , , , , , , , , , , , , , , , , , ,	on, prison form, grazing on, co-operative, etc.
Section 38 - FARM	OPERATOR CHARACTERISTICS	
	1. Does the operator — the person in charge of the farm or ranch operations — live on this place?	2 [] No
	1	Year
		Years old
	4. Race - Mark (X) the appropriate box 1 White 2 Negro or black 3 Indi	an (Amer.) 4 [Other
•	5. Number of days operator worked off this place in 1969 - Include work at a nonfarm job, business profession, or on someone else's farm. (Do not include exchange work.) - Mark (X) the appropr	s or iate box,
	1 None 2 1-49 days 3 50-99 days 4 100-199 days 5 20	0 days or more
Section 39 - SIGNAT	TURE of person filling this report - Please check your answers, then sign below.	Telephone code [Number
	700 701 Area	1 total landings
Name	Date	
Remarks - Attach s	eparate sheet, if needed.	

FORM 69-411341 - 5-9-691

Short Report Form

CENSUS OF AGRIC	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS ULTURE - 1969	Budget Bureau No. 41-S68075 Approval Expires December 1970
lease mention the Census File Number (the to t the address label) if you write to us about th	n-digit number in the upper left corner is report.	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.
•		CENSUS USE ONLY
•		801 802
•		
		803 804
		İ
		l
(Please correct any error in name of	and address including ZIP code)	
Please read	Section 1 - AGRICULTURAL ACTIVI	TY in 1969
his form is being used in all parts of the		
nited States. Please answer the ques-	1. At any time during 1969, did you !	have or produce any:
ons that apply to your operations and turn this form in the enclosed envelope.	a. Livestock, poultry, or their pro	
lease put your answers in the unshaded	b. Corn, sorghums, small grains,	
iswer spaces. Explanations and com-	soybeans, peanuts, potatoes, o	
ents may be written in the shaded areas the left of the answer spaces or in the	c. Vegetables, sweet corn, melons	
Remarks" space on page 4.	d. A combined total of 20 or more	
you do not have exact figures, please	citrus), nut trees, and grapevin	
ve your best estimate. You may mark te answer "est." (for estimate), if you	e. Nursery or greenhouse products	
ish.	f. Any other crops?	
o not include fractions in your answers		
ccept in section 4, items 11 through 16.	g. Other agricultural products - he animals, bees, honey, maple pr	
or dollar items, cents are not required.	· Christmas trees or timber for sa	
you prefer to report both dollars and	W	
ents, please write the cents in the Cents' column. the answer to an item is "No" or	What products?	
ents, please write the cents in the Cents? column. the answer to an irem is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark newers of "Yes," "No," or "None" by placing an X in the small	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se	of the guestions above,
ents, please write the cents in the Cents, column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark aswers of "Yes," "No," or "None" or placing an X in the small answer box.	2. At any rime in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se	of the guestions above,
ents, please write the cents in the Cents, column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark aswers of "Yes," "No," or "None" or placing an X in the small answer box.	2. At any rime in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se	of the questions above, ction 13, and return this form. Acres
ents, please write the cents in the Cents, column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark aswers of "Yes," "No," or "None" y placing an X in the small aswer box. action 2 - ACREAGE in 1969 and OWNER.	2. At any rime in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se	of the questions above, ction 13, and return this form. None 810
ents, please write the cents in the Cents? column. the answer to an irem is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark neswers of "Yes," "No," or "None" y placing an X in the small neswer box. action 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP clude land worked on shares or sharette, and railroad land; and land used ren	of the questions above, ction 13, and return this form. None None None None None
ents, please write the cents in the Cents' column. The answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is civided, as in section 1. Please mark neswers of "Yes," "No," or "None" placing an X in the small neswer box. ACREAGE in 1969 and OWNES 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP clude land worked on shares or sharette, and railroad land; and land used rener-head basis under a grazing permit.).	of the questions above, ction 13, and return this form. None None None None None
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark neswers of "Yes," "No," or "None" placing an X in the small newer box. action 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or share-ute, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked	of the questions above, ction 13, and return this form. None None 810 811
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark neswers of "Yes," "No," or "None" placing an X in the small neswer box. **Cection 2 - ACREAGE in 1969 and OWNER 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP clude land worked on shares or sharette, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked worked (item 1) to acres rented (item 2), if (item 3), and enter your answer in this if the content of t	of the questions above, ction 13, and return this form. None None None None 810 811 811 812 813
cents, please write the cents in the Cents, please write the cents in the Cents, column. The answer to an item is "No" or None, please leave the answer space lank, unless a small answer box is ovided, as in section 1. Please mark stayers of "Yes," "No," or "None" placing an X in the small swer box. The column of the small leave to	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP clude land worked on shares or sharette, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked worked (item 1) to acres rented (item 2), if (item 3), and enter your answer in this if the content of t	of the questions above, ction 13, and return this form. Acres None None None 11 None 12 None 13 None 14 None 15 None 16 None 17 None 18 None None None None None None None None None None None None
cents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark aswers of "Yes," "No," or "None" y placing an X in the small inswer box. ection 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharette, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked wheel (item 1) to acres rented (item 2), if (item 3), and enter your answer in this is LACE" for this census report.	of the questions above, ction 13, and return this form. None None None None None None None Non
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark aswers of "Yes," "No," or "None" y placing an X in the small inswer box. action 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharete, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked wheel (item 1) to acres rented (item 2), if (item 3), and enter your answer in this is LACE" for this census report. diverted under soil bank or other No. in diverted under soil bank or other land grains, wheat, etc.?	of the questions above, ction 13, and return this form. None None None None None None None Non
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark aswers of "Yes," "No," or "None" y placing an X in the small inswer box. action 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharette, and railroad land, and land used rener-head basis under a grazing permit.). ude land subleased and land worked whened (item 1) to acres rented (item 2), if (item 3), and enter your answer in this is LACE" for this census report. diverted under soil bank or other had grains, wheat, etc.?	of the questions above, ction 13, and return this form. None None None None None None None Non
ents, please write the cents in the Cents' column. the answer to an irem is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark newers of "Yes," "No," or "None" y placing an X in the small nswer box. action 2 - ACREAGE in 1969 and OWNER. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se estable Clude land worked on shares or sharette, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked whened (item 1) to acres rented (item 2), and enter your answer in this shared for this census report. diverted under soil bank or other Nord grains, wheat, etc.?	of the questions above, ction 13, and return this form. Acres None Acres 810 611 Acres 812 then space. Acres 815 Acres 816 1 Yes 2 No ne 817 Persons
cents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is rovided, as in section 1. Please mark aswers of "Yes," "No," or "None" y placing an X in the small inswer box. action 2 - ACREAGE in 1969 and OWNET. 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharete, and railroad land; and land used rener-head basis under a grazing permit.). ude land subleased and land worked whend (item 1) to acres rented (item 2), if (item 3), and enter your answer in this is LACE" for this census report. diverted under soil bank or other and grains, wheat, etc.? deeds of trust, or land purchase mildings you own? deeds of trust, or land purchase mildings you own? deeds of trust, or land purchase mildings you own? at or leased from others (item 2) did malude land rented or leased by you land, but had no crops or livestock on the and was rented out, sold, or for another	of the questions above, ction 13, and return this form. None None None None None None None Non
ents, please write the cents in the Cents' column. the answer to an irem is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark sowers of "Yes," "No," or "None" y placing an X in the small nswer box. action 2 - ACREAGE in 1969 and OWNER in the small of the small	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharette, and railroad land, and land used rener-head basis under a grazing permit.). ude land subleased and land worked whened (item 1) to acres rented (item 2), item 3), and enter your answer in this item 3), and enter your answer in this item 3), and enter your answer in this item 4. ACE" for this census report. diverted under soil bank or other wind grains, wheat, etc.? deeds of trust, or land purchase willdings you own? and from you in 1969? — Include No lar leased from others (item 2) did nothed land rented or leased by you had, but had no crops or livestock on the and was rented out, sold, or for another in, complete section 13, and return this strivity in 1969	of the questions above, ction 13, and return this form. Acres B10
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark nswers of "Yes," "No," or "None" y placing an X in the small nswer box. action 2 - ACREAGE in 1969 and OWNER 1. Land owned	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharette, and railroad land, and land used rener-head basis under a grazing permit.). ude land subleased and land worked whened (item 1) to acres rented (item 2), item 3), and enter your answer in this item 3), and enter your answer in this item 3), and enter your answer in this item 4. ACE" for this census report. diverted under soil bank or other wind grains, wheat, etc.? deeds of trust, or land purchase willdings you own? and from you in 1969? — Include No lar leased from others (item 2) did nothed land rented or leased by you had, but had no crops or livestock on the and was rented out, sold, or for another in, complete section 13, and return this strivity in 1969	of the questions above, ction 13, and return this form. Acres B10
ents, please write the cents in the Cents' column. the answer to an item is "No" or None," please leave the answer space lank, unless a small answer box is covided, as in section 1. Please mark sowers of "Yes," "No," or "None" y placing an X in the small nswer box. ection 2 - ACREAGE in 1969 and OWNER in the small nswer box. 2. Land rented or leased from others - In cropped for others; leased Federal, Staffee. (Do not include land used on a p 3. Land rented or leased to others. Inch on shares or share-cropped by others. 4. Total acres - Please ADD acres of SUBTRACT acres rented to others. These are the ACRES in "THIS Please are the ACRES in "THIS Please are the ACRES in THIS Please are the scate mortages, contracts on any past of the land and be those working land on shares. 8. How many acres of the land you rented you subtent or sublease the others? - I which was worked on shares by others. Please If you reported an acreage in item to item 4 was "0" because the land was "or because the land was worked on shares by others.	2. At any time in 1969, did you own used by someone else for agricult If you answered "No" to ALL please skip to page 4, complete se RSHIP Clude land worked on shares or sharette, and railroad land, and land used rener-head basis under a grazing permit.). ude land subleased and land worked whened (item 1) to acres rented (item 2), item 3), and enter your answer in this item 3), and enter your answer in this item 3), and enter your answer in this item 4. ACE" for this census report. diverted under soil bank or other wind grains, wheat, etc.? deeds of trust, or land purchase willdings you own? and from you in 1969? — Include No lar leased from others (item 2) did nothed land rented or leased by you had, but had no crops or livestock on the and was rented out, sold, or for another in, complete section 13, and return this strivity in 1969	of the questions above, ction 13, and return this form. Acres B10

Short Report Form-Continued

Section 4 -	CROPS harvested	for any	purpose from t	his place in	1969 -	Report all	erops harvested. I	nclude crops
	arnius suder contra	of Re	ours to merchie	a landleyd v	charp.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		

		Aores	Quantit	
•		harvested	harveste	
÷.		650	421	
	r grain — Report quantity on a shelled basis and tly — etther bushals of hundredweight	Prut	0r	Bushels
on one times on	end - semies mariers of limitate and ditt.		OFE	Hundred- weight
		923		ammin.
	r silage, cut for green or dry fodder, hogged or ot include acres already reported in item 1)			MAMA.
Stared (DO #	or invente acres threath repulsed to result in	824	925	
3. Sorehums for	grain or seed - Report quantity harvested in		aco.	Bushels
	- either bushels or pounds		826 or —	
			•	Pounds
4. Sorehums for	silage, cut for dry forage or hay, or hogged or	827		
	ot include here acres already reported in item 3.)			
*		828	829	enerrene.
5. Wheat for gra	in			Bushels
	The second secon	630		
o. Other small g	rains for grain - oats, barley, tye, rice, etc	·		
7 Saubanas for	beans	831	892	-
7. Soybealis for	Deallow et a contract to a ray a data to end a			Bushels,
	ds except sorghum hay (If two or more cuttings	833	834	,
	om the same land, REPORT ACRES ONLY ONCE al tons of all cuttings.)	1	ļ	Tons, dry
		835	836	
9. Cotton		1.		Bales
		837	ass	
10. Peanuts for n	nuts			Pounds
		enths		1 - 1/2 - 1
NOTE: For itee	ns 11 through 16, report whole acres and tenths	1 5		
MOTE, FOR HEI	us et iniough to, rapoit miors agras una tanins.	839	840	
11. Tobacco-all	1 types	1	5	Pounds
		841		
12. Irish potatoe	s and sweetpotatoes	1		
***		842		
13. Vegetables,	sweet corn, or melons for sale	843		
14 Berries for s	ale,			
	ing and nonbearing fruit orchards, citrus or other	844		
groves, viney	yards, and nut trees of all ages - Include land on			
which the fru	it crop failed. (Do not include abandoned plantings.	ļ		
	ps - Include field seeds, sugar crops, garden,	845		
питвету ина р	meenhouse products, sod, etc	i 10		
			lant.	
	ouse products were sold, how many square ler glass or other protection?		848	Square
				feet
	USE in 1969 – The purpose of this section is to di items 1 through 5.	istrioute all acres in	inis place	
_			1	• •
	vested — Include all land from which crops were t all land in orchards, citrus groves, vineyards, an		860	
	roducts. (If two crops were harvested from the st			
report the act	res only once,),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		861	Acres
2. Cropland use	d only for pasture or grazing	Sana y a africa a africa a ele-		Acres
-		A anama awan	862	
failure, culti	pland — Include cropland used for soil-improvemen vated summer fallow, and idle cropland.	e elaber ción	:	Acres
			863	:
4. Woodland - P	nclude woodland pasture			Acres
5. All other land	d - Include pastureland other than cropland and u	oodland pasture,	964	
rangeland, an	id land in house lots, barn lots, ponds, roads, wa	steiana, etc		Acres
6. Total acres i	n this place - Please add the acres reported in it	tems 1	865	
(This total si	through 5 and enter the total in thin hould be the same as the total in section 2, item.		1	Total acres
			866	
7. How much of	the total land reported in item 6 was irrigated in	19697	L.,	Acres

Short Report Form-Continued

Section 6 - LIMESTOCK and POUL TRY + Be sure to report all livestock and poultry on this place on December 31, 1969, no matter who award them. - Include as sold all livestock and poultry led on a contract or eastern basis and taken from this place in 1969.

	Number on this place December 31, 1969	Number sold in 1969
	870	871
1. Cattle and calves of all ages	672	
a. Cows - Include dry cows and hetters that had calved	P	
(1) Of the total cows reported in item la, how many were kept for milk production? — Include dry milk cows and milk heifers that had calved	873	
2. Hogs and pigs of all ages	874	876
o. Of the total sold, how many were sold as feeder pigs for further feeding?		876
3. Sheep and lambs of all ages	877	878
4. Horses and pomies of all ages	879	880
5. Hens and pullets of laying age (Exclude started pullets being taised for sale.)	881	862
6. Any other chickens 3 months old or older (roosters, capons, started pullets)	863	684
7. Broilers and other meat-type chickens less than 3 months old	865	896
 Other livestock and poultry - goats, mules, fur-bearing animals, turkeys, ducks, geese, hives of bees, etc. 	867	888
What kind?	887	888
	1007	
		1
9. Litters of pigs farrowed on this place between -		Number of litters
a. December 1, 1968, and May 31, 1969		889
b. June 1, 1969, and November 30, 1969		890
a. Julie 1, 1707, and November 30, 1707		1

Section 7 - Production EXPENSES for this place in 1969 - Report expenses paid by you and by others - your landlord, contractors, buyers, etc. for crops, livestock, or livestock products produced on this place. Use estimates if exact figures are not available.

	CENTS NOT REQU	IIRED
	Dollars	Cents
Livestock and poultry purchased—cattle, calves, hogs, pigs, sheep, lambs, goats, hotses, baby chicks, poults, started pullets, etc	900 S	-
	901	!
a. Commercial mixed formula feeds purchased - complete, supplement, concentrates (Do not include		
ingredients purchased separately, such as soy bean meal, cottonseed meal, and urea.)	904	
3. Seeds, bulbs, plants, and trees purchased	\$	
4. Commercial fertilizer purchased—all forms, including rock phosphate and gypsum	905 S	
tock phospitate and gypount	906	+
5. Lime (Do not include land plaster or gypsum or lime for sanitation.)	\$!
6. All insecticides, herbicides, fungicides, other pesticides, growth control chemicals, and defoliants used for crops, livestock, and poultry on this place in 1969 - Include any of these materials paid for by your landlord and by custom operators.	907 S	i : : : !
7. Total gasoline and other petroleum fuel and oil purchased for the farm business — diesel fuel, LP gas, butane, propane, piped gas, kerosene, fuel oil, motor oil, grease, etc.	908	
8. Hired farm labor — Include all money paid in cash for farm labor including payments to family members, and for Social Security taxes. (Do not include housework, customwork, and contract work.)	909	
9. Contract labor, machine hire, and customwork — Include expenditures for labor performed on a contract basis by a contractor, a crew leader, a cooperative, etc., and expenditures for use of equipment and for customwork.	910	
10. All other production expenses - Include current operating expenses, and depreciation, taxes, interest, cash rent, insurance, repairs, etc., for the farm business	911	
11. Total production expenses - Add dollars for items 1 through 10 and enter total here	\$ 912 \$	

Short Report Form-Continued

Section 8 — MARKET VALUE, before taxes and expenses, of agricultural products secreps, livestock, livestock products, etc. — Include market value of land	ld from	and con	ractor's s	hare.
	\$ 3		NOT REQU	
1. Livestock, poultry, and their products		920		
		921		-
2. Crops including nursery products and hay sold	· egerê	\$!
 Forest products - firewood, fuelwood, fenceposts, sawlogs; Christmas trees, gum for naval stores, standing timber or trees, maple products, etc. 		922 \$		i
4. Total market value of all agricultural products sold, before taxes and		923		-
expenses - Add dollars for items 1 through 3 and enter total here		- 8		
Section 9 - FARM-RELATED INCOME received in 1969 - Report amount received by	ejore to		NOT REQU	
1 Consumed and alternatively and alternatively for the second	3	930 D	ollars	Cents
 Customwork and other agricultural services provided for others - plowing, planting, spraying, harvesting, preparation of products for market, etc. 		\$		· -
 Recreational services - providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place 	: ;	931 \$		1
3. Payments you received for participation in government farm programs (Do not include redeemable loans.)		932		
Section 10 - MACHINERY and EQUIPMENT on this place on December 31, 1969, wh	ether a	wned by	you or by	,
others - Include only equipment used in 1968 or 1969.	F		factored in	
Selected machinery and equipment on this place December 31, 1969	940	or later	1964 or 6	arlier
1. Automobiles	<u></u>			
2. Motortrucks - Include pickups	942		943	
3. Tractors other than garden tractors and motor tillers	944		945	
4. Riding garden tractors 7 hp. and over	946 947			
# Calmad Lancard Lancard Review B. P. D.	948		949	
5. Grain and bean combines - self-propelled only	950		951	
6. Compickers and picker-shellers, including corn heads for combines	952		953	
7. Pickup balers				
		L CENT	S NOT REG	OUIRED
8. Estimated market value of all machinery and equipment usually kept on		D	oliars	Cents
this place and used for the farm business — Include the items listed above and any other machinery and equipment		934 \$:
Section 11 - VALUE of land and BUILDINGS on this place		CENTS	NOT REQ	UIRED
1. Please enter your estimate of the current market value of		D	ollors	Cents
the acres you operated (owned and rented acres in section 2, item 4) and the buildings on them		960		
		\$		
Section 12 - FARM OPERATOR CHARACTERISTICS 1. Does the operator - the person in charge of the farm. 970				
The both the operator - the person in charge of the taxin] Yes		2 [] No	
2. Year operator began to operate any part of this place		Year		
3. Operator's age		Year	s old	
4. Race - Mark (X) the appropriate box 1 [] White 2 [] Negro or black 3	Ind	ian (Am	er.) 4 [Other
5. Number of days operator worked off this place in 1969 - Include work at a nonfa or on someone else's farm. (Do not include exchange work.) Mark (X) the appro-	am job	, busine	-	
974 1 None 2 1-49 days 3 50-99 days 4 100-199 days			ays or mor	e
Section 13 - SIGNATURE of person filling this report - Please check your answers, then sign below.	Area c		lephone	
Name Date				

Remarks - Attach separate sheet, if needed.

AN IMPORTANT LETTER



U.S. DEPARTMENT OF COMMERCE Bureau of the Census Washington, O.C 20233

January 1970

It is time for the 1909 Census of Agriculture, and your help in completing this vital record of America's farms and ranches is very much needed. Dear Sir:

Nationwide censuses of agriculture, taken periodically since 1840, have manimize censuses of agriculture, taken periodically since 1040, have provided a continuing flow of statistical information, increasingly needed by government, tusiness, and education.

And the rapid changes going on in agriculture today make the 1969 Census of very special importance.

Great changes are taking place in the use of farm machines, chemicals, fertilizers, and new plant varieties, and in the management of farms and ranches. These changes are having an enormous impact on farm people, runrancines. These changes are naving an endimous impact on raim people, running all the way from the varieties and amounts of crops and livestock you and your neighbors are producing, to the planning of Federal programs for both farm and nonfarm people.

Agriculture and its problems must be understood if our agricultural people Agriculture and its problems must be understood it our agricultural peopere to prosper. Decisions that will lead to improved programs and more ere to prosper. Decisions unat will lead to improved programs and more responsible action must be based on reliable facts. Our farms and reschesresponsible action must be passed on reliable facts. Our range and released nearly 3 million independent businesses—are scattered all across the land nearly) mattron independent businesses—are scattered att across one land of America. A nationwide census of all farms and ranches is the orly means of obtaining an up-to-date and accurate inventory of our agricultural

Please fill out the enclosed form and mail it back to us as soon as you can, riease lill out one encrosed form, and mail it back to us as soon as you ca preferably not later than February 15th. Use the enclosed envelope which

Your report will be held in complete confidence. It can be seen only by Census employees and may be used only for statistical purposes. The law requires no postage. Census emproyees and may be used only for statistical purposes. The law (Title 13, U.S. Code) provides that it cannot be shown to or used by anyone outside the Bureau for any purpose whatsoever.

Your help in completing this important census is most appreciated.

Sincerely,

J. Thomas Breen, Chief

NOTE: If you write to us, please use the Census File Number shown on the address label. Agriculture Division

THIS IS YOUR LEAFLET GUIDE

Through the 1969 Census of Agriculture **Need Help?** Use These Leaflet Notes

Leaflet Introduction

FIRST, SOME GENERAL INFORMATION

- The enclosed Census report form is being used by farms and ranches throughout the entire 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. Where this is the case, you can simply mark the "No" box and go on to the next section.
- If a section contains inquiries that apply to you, it may be helpful to read all the items in the section before you start to supply the information. A look at the section as a whole will show what is to be reported and where it should be written.
- You will also find that there are items within sections you may not need to read. beyond noting the subject with which they deal. For instance, item 9 in section 1 asks several questions about landlords. If you did not rent any land from others, you can skip all of the detail in item 9 and go to item 10.
- There is a possibility that you may receive more than one envelope containing a census report form for this place (a duplicate, or in your wife's name, your partner's name, etc.). If this should happen, please fill out one form only. Mark the extra form or forms with the Census File Number of the form you complete (for example, "Extra-See No. 86312 09812") and return the extras in the envelope with the completed report. There is a "File Copy" enclosed in each envelope; this is for your use and should not be returned to the Bureau of the Census.

If your wife, or a partner, runs a separate agriculture operation of her or his own, it should be reported on a separate form.

HOW TO MARK YOUR ANSWERS

- Please put your answers only in the unshaded answer spaces. Write any explanations and comments in the shaded areas to the left of the answer spaces or in the "Remarks" space on page 12 or on a separate sheet.
- If your answer to an item is "No" or "None," please leave the answer spaces blank: except for the few places where a small answer box is provided, as for "None" in section 1. Please mark an answer of "Yes," "No," or "None" with an X in the box.
- If you do not have exact figures available, please report your best estimate. You may mark the answer "est." (for "estimated") if you wish.
- For all dollar items, we need only whole dollars, although a "cents" column is provided for those who wish to use it. If you prefer to report both dollars and cents. be sure to write the cents in the "cents" column to avoid the risk that they be mistaken for dollars. For example \$1714.45 should be reported as | CENTS NOT REQUIRED

Dellars Cents 1 1714:

CENTS NOT REQUIRED 1714: 45

but not as

KENTS NOT REQUIRED Dellars Cents 1714.45

- 3 -

Do **not** include fractions in your answers except where called for. Where fractions are called for, report the fraction in tenths of the whole number, and enter the fraction in the "tenths" part of the answer space. Some common fractions which you can report in "tenths" are:

If you prefer, report to the nearest whole number; fractions are not required.

. HOW TO USE THIS LEAFLET

This leaflet is for your use; do not return it with your Census of Agriculture report. It gives answers to the questions that come up most often when the report is being prepared.

Like the form, this leaflet is being used in all parts of the United States, and it contains much information that will not apply to your place. For example, section 4 of this leaflet gives additional information about reporting irrigation water in section 4 of the report. If you did not irrigate in 1969, you should answer the first two questions and you'll not need to read the corresponding page of this leaflet.

The rest of this leaflet is information to help you, organized by sections to correspond with the sections of the census report form.

Now you will want to start filling out the report form. As you answer the items in each section, you will find substantial help in the corresponding section of this leaflet

SECTION 1 ACREAGE IN 1969, OWNERSHIP, AND LAND VALUE

Part A

Use items 1, 2, and 3 to arrive at the acres of land for which you should complete the Census report form. Include all agricultural land with which you were associated in 1969, regardless of where the land was located. Do not include holdings of residential or commercial properties not associated with agricultural operations. Report all land in whole acres; if you had less than one acre report it as one acre.

Places no longer operated on December 31, 1969 - If you had agricultural operations at any time during 1969, complete the report, giving information on the land you operated and your 1969 crop and livestock production and sales from that land. Normally you would not be expected to report inventories of poultry, livestock, machinery, or equipment. Please explain in the "Remarks" section on page 12 or on a separate sheet that you quit farming or ranching during 1969 and give the approximate date.

Other changes in land operated during 1969 - If part of the land you used during 1969 was no longer in your possession on December 31, 1969, include that land and your 1969 crop and livestock operations on that land in your report. If you acquired land during 1969 for your own use but did not use it for crops or livestock that year, do not include that land in your report.

Please explain the change in acres during 1969 by making a notation in the "Remarks" section on page 12, or on a separate sheet. Statements such as the following can be used:

My report includes______acres I used in 1969 but which I did not have on December 31, 1969.

or

My report does not include______acres acquired before January 1, 1970, but not used by me in 1969.

- Item 1 Land owned Include all land associated with agricultural operations in 1969, 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 partnerships or organizations for which you are reporting. This acreage is considered in figuring the size of "This Place" (item 4, section 1).
- Item 2 Land rented or leased from others If you rented land from others or worked land on a share basis in 1969, you should report this land as rented by you even though the landlord may have supplied equipment, fertilizer or other materials, and some supervision of your work. Include Federal lands rented or leased by the acre in this item, but not land used on a per-head or animal-unit basis (see "Grazing permit" on page 6).

Item 3 Land rented or leased 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 1969.
- Land rented out for residential or other nonfarm purposes (if it was included in item 1 or 2).
- Land worked for you by someone else on a share-of-the-crop basis.

Do not include in item 3:

 Land on which you yourself had any crops or livestock during 1969, even though it was rented to others for part of the year.

In the remaining sections of the questionnaire, do not report any crops or livestock on land reported in item 3 as rented or leased to others.

Acres in this place - This is the sum of the land you owned in 1969 plus the land you rented from others, minus the land you rented to others. It is very important that you report this figure correctly since the remainder of the form applies only to the resulting net figure - the "Acres in this place." That is, your report should cover only the operations on "Acres in this place," as reported in item 4.

Item 10

Grazing permit - In some States, government lands are used for grazing livestock under permit or special license, payment being made on a per-head or animal-unit basis. This land should not be included as part of item 2, "Land rented or leased," or item 4, "Acres in this place." Report it only in item 10. But if any of your livestock were located on such land in 1969, they should be included in your report.

SECTION 1 SHOULD YOU COMPLETE THE REST OF THIS FORM?

PART C YES, if at any time during 1969 there were on this place:

- Any livestock or poultry or their products.
- Any corn, sorghums, small grains, hay, cotton, tobacco, soybeans, peanuts, potatoes, or sugar crops.
- Any vegetables, melons, or berries grown for sale.
- · A combined total of 20 or more fruit trees (including citrus), nut trees, and grapevines.
- Any nursery or greenhouse products, mushrooms, or sod.
- Any other crops.
- Any other agricultural products horses, fur-bearing animals in captivity, bees, honey, maple products, naval stores, Christmas trees or timber for sale, etc.

NO. if -

- You reported an acreage in section 1, item 4, but had no agricultural operations in 1969, on that land, or
- All your land was operated by a renter or sharecropper and hence the entry in section 1, item 4 is "0."

In either case, you should:

- 1. Skip to page 12 and complete section 39.
- 2. Explain briefly in the "Remarks" space. For example, "All land rented out;" "Sold farm in 1968;" "House lot only-no crops or livestock."
- 3. Mail the form in the return envelope provided.

SECTION 2 For item 2 of this section we need the name of the geographic area or political subdivision (within the county or parish) where your principal agricultural operations are located. Some examples of the type of area or subdivision we mean are shown on the report form; some other term may be used in your State such as:

> Borough City Civil district Civil township Election precinct Grant Indian reservation

Surplus Town Tract

Judicial township Justice precinct Location

Magisterial district

- 6 -

School district

Militia district

National park

Patent

Plantation

Purchase

Unorganized township

SECTION

LAND USE IN 1969

These land-use items apply only to the land you reported as "Acres in this place" in section 1, item 4. If part of your land was used for more than one purpose in 1969, report such land only on the line for the first item which fits one of the purposes, and not on the line for the second purpose. For example, if you harvested a grain crop and later let cattle graze on the stubble, report the land as harvested cropland, but not as cropland used only for pasture or grazing. Please report in whole acres.

Item 1a

Cropland harvested - This includes acreage from which you cut either wild or tame hay, land in greenhouses, nurseries, or sod, and land in orchards, groves, and vineyards (both bearing and nonbearing) unless the trees or plantings have been

Item 1h

Pastureland - Cropland from which you did not take a crop or cut hay in 1969, but which you used for pasture is to be reported in item 1b. Woodland in which livestock were allowed to graze in 1969 is to be reported as woodland pastured in

Report in item 3 land (other than cropland or woodland) that could be used as pastureland or rangeland, whether or not livestock actually grazed on it in 1969.

Item 1d

Crop failure - If all of a crop failed (except fruit or nuts in an orchard, grove, or vineyard being maintained for production) and you did not harvest any other crop from this land, and did not pasture or graze it, report the acres in item 1d "crop failure." If only part of the acreage of a crop was harvested, be sure to report only the harvested acreage in item 1a of section 3 and for the appropriate crop in sections 8 through 23.

Item 1e

Cultivated summer fallow - Report as fallow all cropland that was plowed and cultivated or on which the growth of weeds was controlled through the use of herbicides, but which was left unseeded for 1969 harvest for the purpose of conserving moisture. Include such cropland as cultivated summer fallow even if during 1969 it was planted to wheat for harvest in 1970.

SECTION 4 IRRIGATION

Source of water in 1969 - Most irrigators will have received water from only one source. If this is true in your case, enter 100 percent on the proper line. If you obtained water from two of the three sources, an approximate figure for each source is acceptable, for example, 30 percent, 70 percent, etc. One way of making such an estimate is to figure your acreage irrigated from each source as a percent. For exemple, 20% of the cropland harvested irrigated from your own well; 80% of the cropland harvested irrigated with water from a water supply organization.

item 5

Estimated quantity of water used in 1969 - If you can estimate the total quantity of irrigation water used by any one of the methods shown, report only by that method - in item a, b, or c. If it is easier for you to estimate part of the water used by one method and part by another, use the lines which apply.

Acre-feet - Many irrigation districts measure water in acre-feet and the amount used is shown in acre-feet on their bills. Where you are not billed for water in this manner, you may prefer to give the depth applied in inches during the full season and the acres covered, as called for in item 5c. We will compute the acre-feet from this information. (Item 5 discussion continued on next page.)

Gallons - Estimates in gallons must usually be figured if you have your own pump. If you know the rate of flow through your pump, use that. Otherwise, use the manufacturer's rated capacity for the pump. This is given in gallons per minute.

To make an estimate of gallons for the season, you can substitute in the following example, the rated capacity of your pump, the approximate number of hours you pumped per day, and the estimated number of days the pump operated during the year.

EXAMPLE

Step 1. Compute gallons per hour -

100 gallons per minute times 60=

6,000 gallons per hour

Step 2. Compute gallons per day -

20 hours pumped times 6,000=

120,000 gallons per day

Step 3. Compute gallons per season - 96 days pump operated times 120,000=

11,520,000 gallons per year

Step 4. Enter 11.520,000 for item 5b.

When a sprinkler system is used, it may be simpler to estimate depth of water applied during the season in inches and report acres covered.

Other methods of reporting total quantity - In some areas miners inches are used to measure water use. In other areas cubic feet per second (second feet) are a common measure of flow. If you use either of these measures, please report this information in the "Remarks" section at the end of the form, or on a separate sheet, rather than in item 5. If you report in either miners inches or cubic feet per second, please don't forget to report also how many hours or days water was delivered at the given rate.

If you are not able to report the actual amount or an estimate of the water quantity, please give as many facts as you can in the "Remarks" section (page 12) or on an attached sheet of paper. Following are examples of helpful items: number of wells, their depth, diameter and measured rate of flow; allowable diversion rate from streams; capacity of pump or diameter of pump outlet; days operated per season or number of times irrigated; whether land is irrigated before planting; and so on.

SECTION 5 ARTIFICIAL DRAINAGE

Acreages reported in this section should be your estimate of the amount of land on this place in 1969 which was benefited to some extent by artificial drainage facilities. Even though your whole place may be in a drainage district, report only that part which is artificially drained. Acres drained by more than one system should be reported only once, for the most important one. However, if different parts of this place had different types of drainage systems, you will have entries in more than one item.

SECTIONS 8-23

CROPS HARVESTED IN 1969-GENERAL INFORMATION

How and where to report - You will find it easier to report your crops if you glance through pages 3 to 8 of the reporting form and read the paragraphs on pages 9 to 11 of this leaflet, before you begin to fill in your answers.

CROPS. Continued

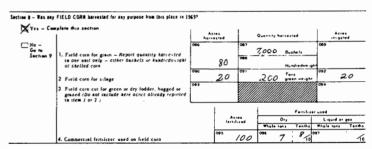
Report in each section only the crops called for there. For example, field corn is to GENERAL- be reported in section 8, wheat in section 10, Irish potatoes in section 13, and vegetables for sale in section 21. Section 23 is the place to report any crop not asked for in sections 8-22

> Do not include in your report any crops on land that in 1969 was rented or leased to others or worked on shares by others. Your report should cover only the crops on the "acres in this place," as reported in item 4 of section 1. The next 6 pages of this leaflet contain general information about the reporting of crops, and a discussion of some special crop reporting problems. Table 1, at the end of this leaflet provides a listing of conversion factors for the crops most commonly grown.

■ HOW TO REPORT CROPS HARVESTED - AN EXAMPLE

A farmer planted 100 acres of field corn. He irrigated 20 acres and cut them for silage; he estimated the production at 200 tons. Using a corn head on his combine, he harvested 80 acres, getting 7,000 bushels of shelled corn. He turned his cattle into the 100 acres after the harvest and let them graze. All 100 acres were fertilized, using 7 8/10 tons of dry fertilizer.

His entries on the Census report are shown in the following illustration.



- a. Item 1 calls for grain or seed, so he entered 80 in the "Acres harvested" column and 7.000 in the bushels space in the "Quantity harvested" column. The 80 acres for grain were not irrigated so he made no entry in the "Acres irrigated"
- b. For item 2, Corn for silage, he entered 20 acres harvested, 200 tons quantity harvested, and 20 acres irrigated.
- c. Since letting the cattle graze was a secondary use of land already harvested, he did not make any entry in item 3.
- d. In item 4, he entered 100 for "Acres fertilized," entered 7 for whole tons, and 8 for tenths in the "Dry" space.

CROPS. GENERAL Continued

• COMMERCIAL FERTILIZER

For each crop, report the number of acres fertilized in 1969, and report the total tons and tenths of tons used in all applications. Report the total weight of the fertilizer, including filler. Report anhydrous ammonia in the "Liquid or gas"

If you bought fertilizer on an analysis basis and do not know the total tons used, the following example will show you how to estimate the total tons of fertilizer.

Example 1: A farmer fertilized 70 acres of corn at the rate of 100 pounds of N (nitrogen) per acre and used an analysis of 33-0-0, as recommended by the fertilizer dealer.

To find the total tons of fertilizer used including filler:

- 1. Divide the 100 pounds of nitrogen by the percent of nitrogen in the analysis, in this case 33, to get the total pounds of fertilizer per acre.
- 2. Multiply the pounds per acre (obtained in step 1) by 70 acres to get total pounds of fertilizer used.
- 3. Convert pounds to tons by dividing by 2,000.
- (1) 100 (pounds of N) = 10,000 = 303 (lbs. per acre) .33 (% of N in analysis) 33
- (2) 303 x 70 (acres) = 21,210 pounds.
- (3) 21,210 ± 2,000 = 10 6/10 tons.

If you don't know the percent analysis of nitrogen, but do know the phosphorus (P2O5) or potash (K2O), work the estimate in the same way as when nitrogen is the known factor.

If you know how much fertilizer was applied per acre, but don't know the total tons, use the method in this example.

Example 2: Sixty-five acres of corn were fertilized with 150 pounds of fertilizer per acre.

To find the total tons of fertilizer used, multiply the 65 acres fertilized times the 150 pounds of fertilizer used per acre. This gives the total pounds of fertilizer used. Then divide by 2,000 to get the total tons.

- a. Multiply 65 acres fertilized by 150 pounds of fertilizer per acre to get 9,750.
- b. Divide 9,750 total pounds of fertilizer by 2,000 to get 4.875.
- c. Enter 4 9/10 tons.

TWO OR MORE CROPS HARVESTED FROM THE SAME LAND

Example 1. A farmer had a 20-acre field:

- a. He harvested oats from the 20 acres in 1969.
- b. He then planted the 20 acres in soybeans and harvested them during the same year.

He should report:

- 1. The 20 acres of oats in section 10, item 4.
- 2. The 20 acres of soybeans in section 11, item 1,

- 10 -

CROPS. Continued

In such a case the acres of crops harvested may be greater than the acres of land GENERAL - reported in item 1a of section 3 (land use).

Example 2: A 10-acre field of red clover was cut for hay in 1969.

The same 10 acres was later harvested for seed.

- 1. Ten acres for hay should be reported in section 14, item 2.
- 2. Ten acres for seed should be reported in section 15, item 1.

. INTERPLANTED CROPS AND "SKIP-ROW" PLANTING

If you grew two crops in alternate strips in the same field at the same time, report for each crop the part of the field used for that crop.

Example 1: If a 40-acre tract of land was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans for beans, 20 acres should be reported for beans in section 11, item 1, and 20 acres should be reported for cotton in section 12, item 1.

Example 2: If you planted "skip" rows in soil-improvement crops, report the harvested portion of the field in the proper crop item and in section 3, item 1a, and the soil-improvement acreage in section 3, item 1c.

Example 3: If you left "skip" rows idle, report the harvested portion of the acres in the proper crop item and in section 3, item 1a, and the idle acres in section 3, item

• CROPS HARVESTED IN ORCHARDS

If approximately 4 acres of tomatoes were grown among the trees in a 10-acre apple orchard, you'd still report all 10 acres as orchard acres in section 16, item 1, and also as apple acreage in section 17, item 1. Report the 4 acres of tomatoes in section 21, item 1.

• REPORTING UNIT FOR QUANTITY HARVESTED

The units of measure given on the report form for quantity of each crop harvested are, in general, those most commonly used throughout the country. For corn, grain sorghums, rice, grapes, prunes, and figs, a choice of two or more units is provided.

If you happen to use in your records a unit different from what is printed on the form, please convert your figure on quantity harvested, to the unit shown. For your convenience, we have printed table 1 at the end of this leaflet, showing approximate weight per unit for the crops most frequently reported. Use these if you do not have more accurate information available.

Now you will want to start filling out the crops sections of the report form, referring to this leaflet, if necessary.

SECTION 14

HAY AND SILAGE HARVESTED FROM THE SAME LAND

If you made one cutting of alfalfa for hay and another cutting for green feed, report the acres for the alfalfa cut for hay in item 1 of section 14, and report the acres again for hay crops cut and fed green in item 9 of the same section.

- 11 -

SECTION 15

FIELD SEEDS

The acres of land harvested for field seeds often will have been reported in section 14 because hay also was cut from the same land. If you fertilized the fields for the general purpose of getting better production of both hay and seed, report the "acres fertilized" and the quantity of fertilizer used only in section 14, item 10. But if you applied fertilizer especially for the benefit of the seed crop, report in item 9 of section 15 the "acres fertilized" and the weight (in tons) of fertilizer applied for the seed crop.

SECTIONS 16-19,

GENERAL

Item 9

SECTIONS ORCHARDS - FRUIT TREES, NUT TREES, AND GRAPEVINES

In counting the combined total of trees and vines, include those for home use as well as those maintained for sale of the production.

Include land in trees that, because of weather damage, did not bear in 1969. Also include orchard and grove acreage from which the crop was not harvested because of unsatisfactory prices, labor shortage, etc. Do not include acres in trees or vines that have been abandoned.

If fruit and nut trees were planted in borders or were interplanted among other crops, estimate the orchard acreage by dividing the total number of such trees by the usual number of such trees per acre in your locality.

When you need to estimate the acres in fruit and nut trees, first find the planting distance between trees, then divide the total number of trees by the number per acre that corresponds with the planting distance, as given in the following table. The result represents the approximate acreage. For example, 700 trees planted 25 feet x 25 feet apart, (70 trees per acre) would represent 10 acres.

Number of fruit and nut trees per acre				
Planting distance (feet)	Number per acre	Planting distance (feet)	Number per acre	
8 x 8	680 545	22 x 24	82 75	
8 x 12	454	24 x 24	75 70	
9 x 9	538	26 x 26	64	
10 x 10	436	27 x 27	60	
10 x 12	363	28 x 28	56	
12 x 12	302	28 x 30	52	
12 x 14	259	30 x 30	48	
14 x 14	222	32 x 32	43	
15 x 15	194	35 x 35	35	
16 x 16	170	36 x 36	34	
18 x 18	134	40 x 40	27	
18 x 20	121	40 x 45	24	
18 x 22	110	45 x 45	22	
20 x 20	109	45 x 50	19	
20 x 22	99	50 x 50	17	
20 x 24	91	55 x 50	16	
22 x 22	90	60 x 60	12	

SECTION 17

NONCITRUS FRUIT TREES OR GRAPEVINES

Item 8

Avocados - In California, report the quantity harvested between October 1, 1968, and September 30, 1969. In Florida, report the quantity harvested or to be harvested between July 1, 1969, and February 28, 1970.

Items 10 and 11

Grapes - Report raisin grapes on either a fresh-weight or dry-weight basis, according to how you sold them. If you sold raisin grapes by both methods, please convert to one basis. One pound of raisins usually equals about 4 3/10 pounds of fresh grapes. Report all other grapes on a fresh-weight basis.

Please separate the European-type grapes among items 11a, 11b, and 11c of section 17 on the basis of variety and not on the basis of use. Some of the common varieties are as follows:

11a. Raisin varieties - Black Corinth, Muscat, Sultana, and Thompson Seedless.

11b. Table varieties - Emperor, Malaga, Red Malaga, Ribier, and Tokay.

11c. Wine varieties - Alicante Bouschet, Carignane, Grenache, Mission, Palomino, Petite Sirah, and Zinfandel.

Item 15

Olives - In California and Arizona, report the quantity harvested or to be harvested from the bloom of 1969 for the 1969-70 harvest season - September 15, 1969, to about February 28, 1970. In all other States report the total 1969 crop.

SECTION 19

NUT TREES

Item 4

Pecans - Improved pecans refer to pecan trees that have been budded, grafted or top worked. Consider all other pecan trees as wild or seedling, whether grown in orchards, pastures, etc.

Item 6

For quantity of tung nuts harvested, report pounds in the husk. For all other tree nuts, report quantity in the shell.

Item 7

Report planted black walnuts in item 7. Do not report wild black walnuts.

SECTION 21

VEGETABLES, SWEET CORN, OR MELONS

Report vegetable crops harvested in the calendar year 1969 for all States except Florida. For Florida, report any vegetable crops that were harvested between October 1, 1968, and September 30, 1969.

Report the entire acreage of each vegetable crop harvested. For example, if you harvested three acres of radishes from a field in 1969, then replanted the field to radishes and harvested the three acres again, report 6 acres harvested in section 21, item 15, No. 350. (If crops are grown, such as radishes, which are included in the "Other vegetable crops" list, below item 15 in section 21, write the name of the crop and the code number (Radishes....350) in the spaces provided in item 15.) If each crop of radishes was fertilized, report only 3 acres fertilized but report the total tons of all fertilizer used.

SECTION 22

NURSERY OR GREENHOUSE PRODUCTS GROWN FOR SALE

Item 6

Mushrooms - Report the square feet of bed space used in 1969, multiplied by the number of times it was harvested. Do not report the total floor space of the building or other area where the mushrooms were grown. For example, if you harvested two crops of mushrooms from an area of 20,000 square feet of bed space, report 40,000 square feet of area used.

SECTION 23

OTHER CROPS

In addition to the crops named in this section, also use section 23 to report any crops harvested that have not been accounted for in sections 8-22.

Sugarcane - The sugarcane growing season differs in each of the three growing areas in the United States. Report acres harvested (or to be harvested) during the current cutting season, as follows:

In Florida, November 1969 through April 1970. In Louisiana, October 1969 through December 1969. In Hawaii, October 1, 1968, through September 30, 1969.

In Florida and Louisiana, report acres of sugarcane planted for harvest later than the current cutting season, as cropland idle, in section 3, item 1f. For Hawaii, special provision is made on the form for reporting sugarcane planted for future harvest.

SECTION 24

FOREST PRODUCTS SOLD

Report here, all forest products sold from this place in 1969, regardless of who made the sales. For example, sales made by the landlord should be included.

SECTIONS 25-29, GENERAL

POULTRY, CATTLE, HOGS, SHEEP, OTHER LIVESTOCK

These items deal with the livestock and poultry on this place or sold from this place in 1969, regardless of ownership. If livestock or poultry were fed on this place on a contract or on a custom basis, report them as sold if they were taken from this place in 1969. Animals or poultry owned by you that were not on this place at any time in 1969 because they were fed for you by someone else, such as in a feedlot or poultryhouse, are **not** to be included in this report; they should be accounted for on the agriculture census report for the feedlot, poultryhouse, etc.

Count as being on this place, animals that were owned by you or kept by you for others, but which on December 31, 1969, were on land used on a permit basis (national forestland; grazing district land; or rangeland administered by the Bureau of Land Management). See "Grazing permit," page 6 of this leaflet.

Do not include in your report any livestock or poultry on land that in 1969 was rented or leased to others. Your report should cover only the livestock and poultry on the "Acres in This Place" as reported in item 4 of section 1.

SECTION 25

CHICKENS, TURKEYS, OTHER POULTRY

For each item, report the number on this place December 31, 1969, no matter who owned them, and the number of poultry sold from this place, or taken from this place during 1969, including those raised or fed under a contract. Do not include any sales of baby chicks or poults.

- 14 -

Item 1a Hens and pullets of laying age - Include hens in molt with the other hens and pullets of laying age. In the "sold" column include any old or cull hens sold during 1969.

Item 3b Other turkeys - in the "sold" column, report turkeys sold for slaughter and those that were brooded and then moved to another place for further feeding.

SECTION

26

CATTLE AND CALVES

Milk cows - Include cows of any breed milked for home use or for sale.

Item 2

In the "Total number sold" answer spaces, include the cattle and calves sold for a landlord or given to a landlord or others in trade or in payment for goods and services. Include animals fed on this place under contract or on a custom basis if they were taken from this place in 1969. Do not include animals bought and resold within 30 days. Such transactions are considered to be "dealer" purchases and sales.

In the "Number fattened ..." answer spaces, report the number of head that were sold for slaughter after being fattened in the manner described, provided they were expected to produce carcasses that would grade "USDA Good" or better. Do not report in this column veal calves which were fattened primarily on milk, or dairy cows fed only the usual dairy ration before being sold; do not include cattle or calves that have been fed grain or concentrates and sold for further feeding.

SECTION 27 Item 1a

Hogs and pigs used or to be used for breeding - Include bred sows and bred gilts, other sows and gilts intended for breeding, and boars and young males to be used for breeding.

Item 3

Hogs and pigs sold from this place in 1969 - Include all pigs born on this place that were sold for slaughter or taken from this place for further feeding.

SECTION 30

CONTRACT OR BINDING AGREEMENT

Many farm products are produced under a contract or binding agreement made between the producer and the person who buys or uses the farm product. These contracts or agreements usually specify the kind and amount of the farm product to be produced, where or to whom it is to be delivered, what price the producer is to be paid or how the price is to be determined. The contracts may specify the variety of crop or breed of animal or poultry to be produced, and may provide for services such as spraying, dusting, fertilizing, harvesting, packing, and selling. The contractor may supply seed, fertilizer, or feed. He may also provide financing and a field man to give advice and to inspect the product while it is being produced. Include contracts for the growing of heifers for dairy farms, contracts involving cow pools, milking pools, and cow-leasing agreements.

In this section, include under the "Co-op" item, production contracts with a cooperative processor. Do not include contracts made by you to have someone else provide a service to you or grow or produce something for you.

Report sales contracts or agreements providing just for the marketing or sale of a product, such as milk, as "Marketing or sales contracts or agreements." Also report under this same heading, marketing contracts and agreements with marketing associations and cooperatives. Usually very few or no services or supplies are provided by the buyer of the farm product under a sales contract or agreement.

If the sales contract or agreement provides also for supplying or furnishing feed, seed, labor or equipment, report it as a production contract.

Do **not** report contracts or agreements which do not provide specifically for the production or marketing of agricultural products. Some *examples* of agreements or contracts **not** to be reported here are:

Rental of land

Hauling

Purchase of feed, fertilizer or other farm supplies

Labor wage agreements and financing of farm operations

Government program agreements

Agricultural services

Customwork

Farm machinery rentals

SECTION 31

MACHINERY AND EQUIPMENT

The items in this section refer to machinery and equipment kept on this place and used for the farm business in 1968 or 1969, regardless of ownership.

Item 12

Item 12 refers to the market value of all machinery and equipment, not just the items listed on the report form. The value you report should be your estimate of how much the machinery and equipment would sell for in its present condition - not the replacement cost or the depreciated value.

SECTION 32

HIRED WORKERS

Do not include workers who did only contruction work or other work not related to the production of crops or livestock. Do not include employees of a labor contractor, cooperative, processor, or dealer who performed contract work on this place. Report all other hired workers, including members of your family if they were paid wages, who did farm or ranch work on this place. Report each person only once even though he may have worked several different times during the year.

SECTION 33

INSECTICIDES, HERBICIDES, FUNGICIDES, OTHER PESTICIDES, LIME AND OTHER CHEMICALS

For each item report only once the total acres treated, but give the total cost of materials used in all treatments. If you used a dual purpose chemical, report the total acres treated for each item (insect, disease, etc.), and divide the cost of materials between the items. If the same acreage was treated separately for two purposes, give acres and cost of materials for each item. For example, if cotton was treated for insects and then treated for defoliation, the acres and material cost for insect treatment would be reported under item 2b and the acres and material cost for defoliation would be reported in item 3.

Do **not** include the cost of chemically treated seed or the cost of chemicals used by you to treat seed prior to planting.

SECTION

PRODUCTION EXPENSES

34

Include expenses paid by you and by anyone else for the production of crops, poultry, livestock, and other agricultural products on this place. Please give estimates if you do not know the exact figures. For example, if you grew broilers or fed cattle for others, include in the production expenses, item 1, your best estimate of the value of the baby chicks or cattle at the time they were brought to this place. Also include, in item 2, the value and amount of all feed purchased by you or someone else for use on this place.

Do **not** include expenses (or sales) related to nonfarm activities (trading and speculation, or livestock dealer activities).

Item

Livestock and poultry - Report the total amount spent by you and by your landlord or by others for all livestock and poultry bought during 1969 for production, including feeding, on this place. For livestock or poultry grown under contract or fed on a custom basis on this place, include your estimate of their value at the time they came on this place.

Do **not** include the purchase cost of livestock or poultry bought and then resold within 30 days.

Item 2

Feed - Report the cost of all feed for livestock and poultry during 1969. When feed was supplied by others, as in broiler contracts, estimate the cost of the feed used on this place. Do not include the cost of feed for livestock fed off this place, but do include the cost of feed fed to cattle or sheep while they are on "permit" grazing land (see "Grazing permit," on page 6 of this leaflet).

Item 2

Commercially mixed formula feeds - Include all complete feeds, concentrates, feed additive supplements, base mixes and premixes fed in 1969. Include your best estimate of tons and value of feed furnished by others for livestock and poultry that were grown or fed on this place for others under contract.

Item 10 All other production expenses

Include-

Purchase of irrigation water
Costs of operating and maintaining irrigation systems
Farm electricity
Veterinary services and medicine
Hauling and other marketing charges
Farm supplies
Farm taxes
Interest on farm debts
All other farm-related expenditures

Do not include-

Value of the landlord's share of crops or livestock produced on this place Purchase of long-term assets, such as tractors and machinery, land, or new buildings

Expenditures for construction of major improvements, such as drainage canals, irrigation systems, etc.

Income taxes

Interest on nonfarm loans

– 17 –

-16 -

SECTION 35

MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD

These questions are asked to obtain a measure of the agricultural productivity of your county, State, and the entire United States. Information given in this report will be combined with that for other farms in your county and only totals will be published. By Federal law, the information you give in this report is confidential. Your report is to be used for statistical purposes only, and cannot be revealed to anyone who is not a Census employee. Census employees are under oath (with penalty for violation) not to reveal such information.

Report the total gross value of all crops sold from this place in 1969, regardless of the year they were produced; and the value of all poultry, livestock, and their products sold from this place any time in 1969. Do not report your net income. Do not report value of sales from land which you rented to others. If you rent land from others or work land on shares for others, include the value of the landlord's share of any products removed from this place. If you operate as a partnership, include the total value of all products sold from this place for all partners. Include the value of crops you have placed under government loan or seal in 1969 along with the value of all crops sold.

Sales from nonfarm-related activities (such as trading and speculation, or livestock dealer activities) should **not** be included.

Value of products harvested by others - If crops were harvested by cooperatives or by others, and you received for your product a price which did not include the cost of harvesting, hauling, etc., please report the gross value which includes these costs before they were deducted. If your records do not show such figures separately, please estimate the cost of such services and include these with the value of the product. Also be sure that the cost of these services has been included in the proper production expense items in section 34.

Livestock or crops under contract - For livestock or crops, including vegetables and fruits, produced by you under contract, report the gross value before deductions for any feed, seeds, plants, fertilizer, sprays, dusts, and labor or equipment furnished by the contractor. For example, if you received \$1,000 cash and you estimate that the contractor furnished \$500 in seeds, production and harvesting costs, report \$1,500 as the gross sales value of the crops grown under contract. The value of materials furnished or paid for by others also should be included in the proper items in section 34.

- Item 8 Poultry and poultry products Report the value of all eggs, broilers, hens and roosters, started pullets, ducks, turkeys, and other poultry and their eggs sold or moved from this place during 1969. If the sale price is not known, please give your best estimate of their market value when they left this place. For example, if you produced 10,000 pounds of poultry on a contract basis and you estimate the market price at 20 cents per pound, then you should report \$2,000 as the market value.
- Item 9 Dairy products Include the gross value of all milk and cream sold from this place.

 Report the total value before hauling costs and Co-op dues are subtracted.
- Item 10 Dairy cattle and calves Report the total value of sales of all dairy cattle and calves (including heifers, bulls, and bull calves) sold from this place.

Item 11 Other cattle and calves - Report the value of sales of all cattle and calves other than dairy animals sold from this place in 1969. Be sure to include the total value of sales without deducting cost of feed, cost of livestock purchased, or cost of hauling and selling, etc. If the sales price is not known, please give your best estimate of their market value when they left this place. The value of sales of cattle and calves bought

Do not report the value of sales of livestock owned by you but held on and sold, from someone else's place. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place. For cattle moved from your place to a feedlot for further feeding, give your best estimate of their market value when they left this place.

and kept on this place less than 30 days before removal should not be included.

Hogs, sheep, and goats - Include the value of all hogs and pigs, sheep, lambs, wool, goats, and mohair sold or taken from this place during 1969. Report the value (or give your best estimate) of animals of all ages without regard to ownership or who shared the receipts. Include animals fed under contract or on a custom basis on this place if the animals were sold or taken from this place during 1969.

SECTION 36 Item 3

FARM RELATED INCOME RECEIVED IN 1969

Report all government payments received by you from any of the following direct-payment programs:

- Feed grain diversion and price support
- · Wheat diversion and marketing certificate
- Upland cotton diversion and price support
- Agricultural conservation
- Emergency conservation
- Cropland adjustment
- Conservation reserve (soil bank)
- Appalachian Land Stabilization and Conservation
- Sugar
- Wool and mohair

This total amount may have been furnished to you recently in a "Report of Payment to Producer" (notice sent to you by the Agricultural Stablization and Conservation Service). If so, you may copy this figure on your Census report.

- 19 -

- 18 -

Table 1 - Approximate Net Weight Per Unit

Sec- tion No.	Item No.	Сгор	Unit	Pounds
8	1	Field corn for grain: Shelled	Bushel	56
9	1	Sorghums for grain or seed	Bushel	56
10 10 10 10 10 10 10	1-3 4 5 6 8 9 10 11		Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel	60 32 48 56 56 48 50 40
10	14	Mustard seed	Bushel	60
11 11	1 2	Soybeans for beans	Bushel Bushel	60 17 21 25
11	3	Dry field and seed beans	Bushel	60
11	4	Dry lima beans	Bushel	56
11	5	,, pone	Bushel	60
11	6	Cowpeas for dry peas	Bushel	60
11	7 8	Velvetbeans for beans (hulled)	Bushel Bushel	60 60
12	1	Gross (seed cotton) Net (lint cotton) (1,500 lb. seed cotton = 1 bale)	Bale	500 480
12	4	Popcorn: Ear, husked	Bushel Bushel	70 56
12 13	5 1		Bushel Barrel	333 60 165
13	2	Sweetpotatoes	Bag	100 55 50

Table 1 - Approximate Net Weight Per Unit-Continued

14	Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Gaushel Lug campbell (ug Campbell (ug Lug	
15	Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Bushel Lug Campbell (ug Campbell (ug Lug	
15 3 Lespedeza seed 15 4 Trimothy seed 15 5 Bromegrass seed 15 6 Orchardgrass seed 15 7 Sweetclover seed 17 1 Apples 17 2-3 Peaches 17 4-5 Pears:	Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Gushel Gushel Bushel 15	Bushel Bushel Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Gushel Bushel Gushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Bushel Box Lug Campbell (ug
15 5 Bromegrass seed 15 6 Orchardgrass seed 15 7 Sweetclover seed 17 1 Apples 17 2-3 Peaches 17 4-5 Pears:	Bushel Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Galsee Bushel Gampbell (ug	
15	Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Gushel Gushel Bushel Gushel Bushel Bushel Bushel Box Lug Campbell (ug	
15 6 Orchardgrass seed	Bushel Bushel Bushel Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Bushel Bushel Bushel Box Lug Campbell (ug	
17 2-3 Peaches	Bushel Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Bushel Gushel Gampbell (ug Lug	
17 2-3 Peaches	Northwest box Fibreboard box, cell pack Bushel Lug box California fruit box Bushel Bushel Caushel Campbell (ug Campbell (ug Lug Lug Lug Lug Lug	
17 4-5 Pears:	Bushel Lug box California fruit box Bushel Bushel Box Lug Campbell lug	
17 4-5 Pears: California	Lug box	
17	Lug box	
California Other Western Cherries Avocados To Grapes, American type Grapes, European type-ra (1 lb. dried = 4 3/10 lb. f Grapes, European type-tal	California fruit box Bushel Bushel Box Lug Campbell (ug.	
California	Bushel Bushel Bushel Box Box Campbell lug Lug Lug Lug Lug Lug Lug Lug Lug Lug L	
Other	Bushel Box Lug Campbell (ug . Lug	
Western	Box Lug Campbell lug Lug	
17 6-7 Cherries	Lug	
Avocados	Campbell lug Lug	
17 10 Grapes, American type 17 11a Grapes, European type-rai (1 lb. dried = 4 3/10 lb. f Grapes, European type-tal	Lug	
17 10 Grapes, American type 17 11a Grapes, European type-rai (1 lb. dried = 4 3/10 lb. f Grapes, European type-tal	=======================================	
17	A supert of const	
(1 lb. dried = 4 3/10 lb. f 17 11b Grapes, European type-tal		
(1 lb. dried = 4 3/10 lb. f 17 11b Grapes, European type-tal	basket	
(1 lb. dried = 4 3/10 lb. f 17 11b Grapes, European type-tal	12-quart basket	
1		
17 12-13 Plums and prunes:	ble varieties Lug 2	
17 12-13 Plums and prunes:	4-basket crate .	
	1	
California		
Other		
17 13 Prunes		
(California: 1 lb. dried = fresh)	}	
(Other: 1 lb. dried = 3 to	4 lb. fresh)	
17 14 Apricots		
	(Brentwood) . 2	
	4-basket crate . 2	
17 15 Olives		
17 16 Figs, fresh		
	layer	
17 16 Figs		
(California: 1 lb. dried = (Other: 1 lb. dried = 4 lb	, , <u> </u>	

Sec- tion No.	Item No.	Сгор	Unit	Pounds
18	1	Valencia oranges:		
		California and Arizona	Field box	55
		Florida and Texas	Field box	90
18	2	Navel oranges	Field box	52
18	3	Temple oranges	Field box	90
18	4	Caron Grangeon		{
		California and Arizona	Field box	52
i		Florida, Texas, and Louisiana	Field box	90
18	5			}
- 1		California and Arizona		75
- 1		Florida	Field box	90
		Texas	Field box	100
18	6	· · · · · · · · · · · · · · · · · · ·	Field box	90
18	7	Grapefruit:		
		California, desert valleys	Field box	50
- I		Other California	Field box	52
- 1		Florida and Texas	Field box	80
18	8			1
			Field box	52
		Florida and Texas	Field box	90
18	9	Limes	Bushel	55
19	1	Walnuts	Bushel	50
.				
20	1	Strawberries	Quart	11/2
20	2-3	Raspberries	Quart	11/2
20	4	Cranberries	14-barrel box	25
20	5	Other berries	Quart	11/2

Index

Page	Page
Acres in this place	Land not operated on December 31, 1969 4
Artificial drainage	Land owned 5
Avocados	Land rented or lessed from others 5
Black walnuts	Land rented or leased to others
Cattle and calves	Land worked on shares
Cattle and calves fattened for slaughter	Land value
Cents not required	Lime
Changes in operation of land	Livestock-cettle, hogs, sheep, other livestock14, 15, 17, 18
Chemicals	Livestock or crops under contract
Chickens	Location of agricultural activity 6
Citrus fruit and trees	
Commercial feeds	Machinery and equipment
Commercial fertilizer	Market value of agricultural products sold 18
Contracts or agreements	Melons
Cropland harvested	Milk cows
Crop failure	Miscellaneous crops
Crops harvested 8-14	Mushrooms
Crops in orchards	Noneitour fruit and fruit trees
Crops, miscellaneous	Noncitrus fruit and fruit trees
Crops not listed on the report form	Nonterm activities
Crops or livestock under contract	Nuts and trees
Cultivated summer fallow	1005 dikt trees
Dairy cattle and calves	Olives
Dairy products	Orchards
Drainage, artificial	Other crops
	Ownership of land
Equipment and machinery	Pastureland
Expenses production	Pecans
Extra report forms	Pesticides
•	Pigs
Fallow land	Poultry
Feed	Production expenses
Field seeds	Pullets
Fertilizer	Managed and the second
Forest products	Reporting unit for quantity hervested
Fruit and trees	Sheep
Fungicides	Skip-row planting
General information	Sugarcana
Goats	Summer fallow
Government farm programs	Sweet corn 13
Grapes	Swine
Grazing permit land 6	
Hay and silage from same land	"This Place" 5
Hens	Township, district, etc 6
Herbicides	Trees and forest products
Hired workers	Turkeys
Hogs and pigs	Two or more crops from same land
How to mark your enswers	Value of land and buildings
How to use this leaflet	Value of machinery and equipment
	Value of products hervested by others
Income, farm related	Value of products sold
Insecticides	Vegetables
Interplanted crops	
Irrigation	Water used in irrigation