
APPENDIX A. General Explanation

1. Taking the Census

Enumeration Method

The growing complexity in the structure of American agriculture along with increasing numbers of farm operators living off-farm have made an enumerator-type census as conducted in the past increasingly difficult. The mailout/mailback census, made possible by the availability of relatively complete administrative lists, provides the respondent the opportunity to complete the report more nearly at his own convenience than in an enumerator-type census. Generally the quality of data on reports completed by operators exceeds that of reports filled out by enumerators. Based on the overall satisfactory experience with the mailout/mailback procedure used in 1969, a decision was made to continue the mail procedure for 1974.

In censuses prior to 1969, enumerators were assigned to enumerate all farms in a specified geographic area and were instructed to call on all farm operators in person. Beginning with the 1950 census, copies of the report form were mailed to rural boxholders prior to the enumeration's starting date, and farm operators were asked to complete the forms and have them ready for the enumerator to collect. Enumerators going door-to-door in rural areas would pickup and review any forms that had been completed; they would also fill out or complete reports for those places having some agricultural operations which did not have forms completed and ready for review.

The mailout/mailback procedure has not been used in taking the agriculture census in Puerto Rico, Guam, and the Virgin Islands. A discussion of the direct

enumeration methods used appears in the reports for these outlying areas.

Mailing List

The starting point for the enumeration of the 1974 census was the mailing list, which consisted of all persons and organizations that could be identified from administrative records as associated with agricultural operations in 1973 or 1974. The list was assembled from the records of the 1969 Census of Agriculture and those of other government agencies. Only the more comprehensive sets of administrative records containing information related to agricultural activities were initially used. This included records primarily from the Agricultural Stabilization and Conservation Service, the Internal Revenue Service, and the Social Security Administration.

To improve the mailing list and to identify individual units of multiestablishment farming operations—particularly corporations, a prec canvass of the larger, more complex, and specialized operations (approximately 55,000 cases mostly identified from the 1969 agriculture census plus those in the file of companies in retail, wholesale, and manufacturing areas known to have agricultural operations) was conducted in early 1974. This survey identified over 6,200 multiestablishment companies or other organizations having one or more separate establishments (or locations) producing agricultural products or providing agricultural services to others. In many cases, these agricultural establishments were in addition to nonagricultural establishments operated by the company. Separate census report forms were required of each individual farming unit or agricultural

establishment identified in the prec canvass. The prec canvass form also provided information to distinguish primary farming corporations from business-associated farming corporations and family-controlled corporations from other corporations.

Lists of specialized operations, such as nurseries and broiler growers which might not be identified in other administrative records, as well as selected lists of other large and/or specialized producers, such as feedlots and fish farms, were included in the mail list. In total, about 130,000 special list names were included.

The master list primarily contained the names and addresses of persons and organizations known to be associated with agricultural operations in 1973. It was constructed by merging and unduplicating the various source lists on the basis of Social Security or Employee Identification numbers, along with some unduplication based on alphabetic matching of names and addresses. To facilitate processing, each name on the master list was assigned a size code to indicate an estimate of value of sales as well as a code for county location. Most duplicate names not identified prior to mailing were either reported by respondents or located during the office processing.

Report Forms

Two basic census report forms were used for all States except Alaska and Hawaii. A regular 18-page report form was mailed to all farms whose 1974 sales of agricultural products were expected to total \$2,500 or more. A short six-page report form was sent to all operators whose 1974 sales were expected to total less

APPENDIX A Continued

than \$2,500. This short form covered the major subjects (crops, land use, livestock and poultry, equipment, expenditures, and value of sales), but omitted most of the additional detail found in the regular form. Both report forms, with the instructions for completing them, are reproduced in appendix C.

As for 1969, a short form was used so that operators of the smaller places would not be burdened with the extensive detail needed from the larger operators. In 1969, there were 996,567 farms with annual sales of less than \$2,500 (about 36 percent of all farms), but they accounted for less than 2 percent of the total value of all farm products sold. For 1974, preliminary tabulations indicate that this group of farms will number approximately 770,000, or 31.4 percent of all farms and will account for less than 1.3 percent of the total value of farm products sold by all farms.

In Alaska, the regular report form was used to enumerate all farms. For Hawaii, a modified version of the regular form was used for all farms. The modifications were made principally in the crops section in order to cover the specialized agriculture on the islands.

Initial Mailing

The report forms were mailed during the last week of December 1974 and the first week of January 1975 to all persons and organizations on the mailing list. This mailing consisted of approximately 4,133,000 report forms (2,391,000 regular forms and 1,742,000 short forms). Undeliverable mail returned by the Postal Service reduced the mailing list by 232,000, including 67,000 regular forms and 165,000 short forms.

Instructions for completing the forms were attached in the centerfold of each form. In an effort to provide additional help to farmers in completing their reports, approximately 35,000 copies of a Farm Census Guide booklet were sent to county officials to whom farmers might turn for assistance. Included were rural banks, vocational agricultural instructors, and the following county offices: Agricultural Stabilization and

Conservation Service, Soil Conservation Service, Farmer's Home Administration, and Agricultural Extension Service. This guide contained descriptions and definitions for various items in more detail than the instructions included with each report form. Representatives of the above agencies were asked to assist the farmers in filling out their report forms if the farmers came to them for help.

The regular report form was to be filled out by all farm operators who received it regardless of the amount of farm products sold. When recipients of the short form reported sales in 1974 substantially greater than \$2,500, it was sometimes necessary to contact them again for the additional data needed to complete the more detailed regular form. If the recipient of a regular report form had sales less than \$2,500, the data were condensed during the processing to those items appearing on the short form.

Followup Procedures

Data collection plans included a "thank you" card and four followup letters, two of which were accompanied by census report forms at approximately 1-month intervals. Data collection was expected to be substantially completed by June 30. However, because of a marked increase in respondent resistance as compared with the 1969 census, the data collection phase was extended into the office processing phase. Additional followup letters were sent to the remaining nonrespondents in June, July, August, and November. Nonrespondent addresses believed to be operating farms with sales of \$40,000 or more were contacted by telephone during the period April 1975 through February 1976. Most of the nonresponse telephone calls were made by the staff of the Data Preparation Division in Jeffersonville, Indiana. Some of the calls to the more complex cases were referred to the Agriculture Division staff for handling. In total, nearly 107,000 cases were completed by telephone during this period.

As part of the routine followup procedures, specialized farms identified on the mailing list as producing products

such as broilers, beef cattle, hogs, etc. were checked to insure coverage in the census. If no report had been received for farms on these special lists, they were contacted by telephone to obtain the required information. Also, farms and ranches with large acreage in the 1969 census were checked to insure coverage in 1974. If reports were missing, telephone calls were made to obtain the necessary information to insure coverage. In some instances, successor operators were discovered and enumerated. The processing system provided for the inclusion of missing reports as late as the final tabulation of the county data for each State.

2. Major Changes in Data Collected

A number of items generally collected in follow-on surveys were included on the regular census report form for 1974. The major changes and modifications were in:

- Fuel and grain storage facilities
- Artificial ponds, pits, reservoirs, and earthen tanks
- Futures market
- Contracts
- Payroll and employment
- Injuries and illnesses
- Farm credit
- Family income from off-farm sources

These changes represent only a small part of those recommended. All recommendations were reviewed by the Census Advisory Committee on Agriculture Statistics, which then suggested priorities for items to be included in the census. The Census Bureau had final responsibility for the content, wording, and format of the report forms.

Besides the major additions, a limited number of items were included or asked in more detail than otherwise necessary so as to improve the quality of the data collected. For example, totals were asked for several detailed items to be used for cross checking data. These cross-check totals were asked for such items as value of cattle and calves sold, amount of cash wages paid, and chemical costs.

APPENDIX A Continued

3. Office Processing

All report forms were reviewed prior to keying the data to magnetic tapes. Reports were subjected to a clerical screening review, during which significant notes or major problems were referred to technical assistants or, if necessary, to the professional analyst for solution. Records of all large agricultural operations, including multiunit operations and operations having \$500,000 or more sales of agricultural products in 1974 (lesser levels in specified States) were reviewed by professional employees of the Agriculture Division. 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.

The data for each report form were subject to a detailed item-by-item computer edit which required almost the full capacity of a large electronic computer. The program made comprehensive checks for consistency and reasonableness, corrected data found to be in error or inconsistent, supplied key missing data, and assigned farm classification codes which were necessary for tabulation of the data. Entries of large magnitude and significant computer changes of a doubtful nature were manually verified for accuracy. Obvious errors such as reports of cotton and citrus in the Northern States were also identified and corrected. However, it was impossible to identify and correct all errors or to supply estimates for all the incompleteness within the census reports. These factors and others may affect the reliability of some data for some minor items, but they will not have a significant effect on major data items in any county.

4. 1969 Data Corrections

Some 1969 data have been revised since publication of the 1969 census. The revisions corrected sizeable data errors in 14 counties and reporting and processing errors affecting four data items in a larger number of counties and States. The major county revisions were for:

Cullman, Alabama—revised broilers sold and related data.

Inyo, California—revised land in farms and related data.

Hawaii, Honolulu, Kauai, and Maui, Hawaii—revised number of fattened cattle and related data.

Spencer, Indiana—revised cattle and calves inventory.

Harford, Maryland—revised acreage of total cropland.

Marshall, Minnesota—revised acreage of land in farms.

Dodge, Nebraska—revised number of milk cows and value of sales.

Merrick, Nebraska—revised cattle and calves sold and related data.

Rusk, Texas—revised cattle and calves sold and related data.

Hampshire and Jefferson, West Virginia—revised cattle and calves sold and related data.

The revisions to correct for reporting and processing errors were made on:

Acres and production of Irish potatoes harvested.

Acres artificially drained.

Total acreage fertilized.

Acreage of land in orchards fertilized (only in Wisconsin).

5. Definitions and Explanations

The following definitions and explanations relate to items which require a more detailed description than is in the tables. Many of the items are followed in the tables by a "(See text)" notation. Most of the terms and their explanations are taken from the instructions printed on the report forms or issued with the forms. For an exact wording of the questions on the two different report forms used in 1974 for the conterminous United States, and the instruction sheets which accompanied these forms, see appendix C.

A further discussion and more detailed analysis of the items included on the report forms and of the published data is given in Volume II, **Statistics by Subject**, of the 1974 Census of Agriculture.

Most definitions of items and terms are the same as used in 1969 and earlier censuses. In general, processing steps and procedures for 1974 were designed to develop a report as fully comparable as possible with reports of earlier censuses.

Land area—The approximate total land area of counties and States shown for 1974 represents the land area as determined by records and calculations updated as of January 1, 1970. These data are updated periodically; however, the acreages shown for 1974 are essentially the same as in 1969. Any differences between the land area in 1974 and 1969 would be due to new construction of reservoirs, change in number and size of reservoirs, lakes, streams, etc.

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation nor used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for non-agricultural purposes were deleted from individual reports during the processing operations.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land was included as "land in farms" provided the place was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in Indian reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group which used the land. In some cases, an entire Indian reservation was reported as one farm.

APPENDIX A Continued

Data on ownership of land, type of rental arrangements, and farms with grazing permits are shown in Volume II with totals for each State.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of the agricultural products was raised or produced. It was usually where the operator reported all or the largest proportion of his total land. For a limited number of counties in the Western States, this procedure has resulted in more land in farms being counted within a county than there is land area. To minimize this distortion, some exceptions were developed from a survey of large-scale farms carried out prior to the mailing of the census forms. This survey identified about 1,600 operations as having more than one separately reportable farm unit. Other reports received showing land in noncontiguous counties were separated into two or more reports if the data would significantly affect the county totals. These reports were assigned to the appropriate counties during office processing.

Value of land and buildings—The respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under present market conditions.

If the value of land and buildings was not reported, it was estimated during office processing by using the average value of farms having similar characteristics in the same area.

Farm operator—The term "farm operator" designates 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, a tenant, a renter, or a sharecropper. If he rents land to others or has land worked on shares by others, he is considered the operator only

of the land which he retains for his own operation. In the case of partnerships, only one partner is counted as an operator. For census purposes, the number of farm operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the questionnaire, but another family member or a partner or hired manager who was actually in charge of the farm operations.

The term "farms" in the presentation of data denotes the number of farms reporting the item. For example, if there were 3,710 farms in a State and 842 of these farms had 27,381 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves	farms.....	842
	number..	27,381

Farm operator characteristics—Operator characteristics such as race or origin, residence, age, occupation, and off-farm work, were collected for all farms with sales of under \$2,500 and for farms with sales of \$2,500 and over operated by individuals or partnerships. These data were not obtained for corporations and other types of organizations such as cooperatives, prison farms, grazing associations, and Indian reservations.

Family off-farm income—In the absence of a sample follow-on survey, such as was conducted for the last three censuses, five questions were added to the 1974 report form for farms with sales of \$2,500 and over to obtain data on income from off-farm sources. These sources included income from a professional practice, cash wages, salaries, interest, dividends, royalties, pensions, etc. These data were included in the census to provide a better understanding of the present income distribution in agriculture and for the development of future policies and agricultural programs. Off-farm income data were not obtained for farms operated by corporations and other organizations. Similar data have been collected in 1960, 1965, and 1970 in sample surveys taken as part of the census program.

Family income from other sources greater than agricultural sales—For farms with sales of \$2,500 and over, this classification is based on a comparison of the sum of farm-related and off-farm income sources with the value of agricultural sales. For farms with sales of under \$2,500, the report form included a separate inquiry about the relationship of off-farm and other income sources to agricultural sales. The response to that inquiry was used as a basis for this classification.

For ease of reference to this classification in some tables, the term "off-farm income" applies to both farm-related and off-farm sources. A separate line is shown in most tables for farms not reporting or reporting no farm-related or off-farm income.

Value of crops harvested—This item represents the estimated value of all crops harvested during the 1974 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated values per unit by the operators' reports of acres or quantities harvested. In instances where only acres harvested were reported, State estimates of value of production per acre were used. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of price per unit. A combination of these two factors was used when only acres harvested were requested of small farms, but units of production were requested of larger farms. The State average production prices used in these calculations were obtained in most part from publications by the Statistical Reporting Service, U.S. Department of Agriculture (USDA). When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondents, report forms, and county extension agents and other persons knowledgeable about specific crops.

Value of livestock on farms—Data for value of livestock and poultry on farms were obtained by multiplying the number of livestock of each major age and sex

APPENDIX A Continued

group by the State average price. The State average prices for cattle, hogs, sheep, Angora goats, and hens and pullets were obtained primarily from data published by the Statistical Reporting Service of the U.S. Department of Agriculture. Prices applied to other types of livestock were census-derived averages based primarily on reported value of sales for these types in the 1974 Census of Agriculture. The 1969 and 1964 data were developed in a similar manner.

Value of agricultural products sold—This item represents the gross market value before taxes and production expenditures of all agricultural products sold or removed from the place in 1974 regardless of who received the payment. It includes receipts by the operator as well as the value of any shares received by partners, landlords, contractors and others associated with the place.

The total value of agricultural products represents the sum of all crops including nursery products sold, forest products sold, and poultry and livestock and their products sold. It does not include income from farm-related sources such as agricultural services, government farm programs, or recreation and other related sources, or income from nonfarm sources. Data from these sources of income are shown separately in various State and county tables.

The value of crops sold in 1974 does not necessarily represent sales from crops harvested in 1974. An examination of a sample of individual reports indicated extensive reporting of sales from crops produced in 1973. Some cash grain farms indicated that the 1974 grain crops were in storage and there were no sales from the 1974 crop. Likewise, some farms reported sales in 1974 from two different crop years.

Data for the value of agricultural products sold were obtained on both the regular and short forms directly from the respondents in the 1974 and 1969 Censuses of Agriculture. This procedure was a departure from the one used in previous censuses in which data on value of sales were obtained by enumeration for some products and were estimated for others.

For cases in which the farm operator failed to report a value of sales, estimates were made based on the amount of crops harvested or the numbers of livestock sold. Although similar procedures were used in earlier censuses, the extent of sales estimation has increased in each of the recent censuses. Extensive estimation of market values was required for farms growing or producing products under contract.

Caution should be applied when comparing sales in 1974 with sales reported in earlier censuses due to the extreme ranges in per unit prices between census years. Reported values for 1974 varied greatly from farm to farm because of the month-to-month price per-unit variations within the 1974 census year.

Farms by value of agricultural products sold—Counts of farms by value of agricultural products sold are shown by various size groups in a number of the county and State tables. Data are shown separately for all farms and for farms with sales of \$2,500 and over. Detailed characteristics of farms with sales of \$2,500 and over classified by value of sales are shown in State table 31. At the State level, 1974 farms with sales of \$100,000 and over have been further classified into three groups: \$100,000 to \$199,999, \$200,000 to \$499,999, and \$500,000 and over. These data are shown in State tables 15 and 28 through 33. Characteristics of farms with sales of under \$2,500 are shown by age and occupation of the farm operator in State table 9.

Under \$1,000 sales—In county summary table 33 and appendix B, the "Under \$1,000" category includes only those operations reporting sales less than \$1,000 and not having the potential resources on hand to produce \$1,000 or more in sales. In county table 3, county summary table 7, and State tables 4 and 9, the under \$1,000 category includes those farms reporting less than \$1,000 in sales, but having the potential for sales of \$1,000 or more.

\$1,000 to \$1,499 sales—For county summary table 7, this category includes

those farms reporting sales of under \$1,000, but having the potential for sales of between \$1,000 and \$2,500.

Under \$2,500 sales—In all tables except county summary table 7, the "All farms" category includes those farms with sales of under \$2,500 without regard to potential sales. In county summary table 7, the "under \$2,500 sales" category excludes abnormal farms and farms having the potential (unrealized in 1974) for sales of \$2,500 and over.

In county table 3 and State tables 9, 15, 26, and 28 through 33, the classification "Farms with sales of \$2,500 and over" (usually designated in column headings) includes farms reporting sales of under \$2,500, but having the production potential for sales of \$2,500 and over.

\$2,500 to \$4,999 sales—In county summary table 7 and in the boxhead for State table 31, this category includes those farms, other than abnormal farms, having reported sales of \$2,500 to \$4,999 and those farms with lesser sales but having the potential for sales of \$2,500 and over.

In county table 3, 1969 abnormal farms are classified in this sales group regardless of the value of their sales, but 1974 abnormal farms were classified according to their actual sales.

Farm sales by commodity or commodity group—In an effort to conform more closely to the 1972 Standard Industrial Classification (SIC), a number of commodity groupings were changed for 1974 from those used for 1969. The next seven definitions reflect changes; the last does not.

Other field crops—For 1974, this group includes the value of sales of peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugar cane, popcorn, mint for oil, hops, etc. For 1969, the value of pineapples sold was also included.

Fruits, nuts, and berries—For 1974, the value of pineapple sold is included in this group. For 1969, pineapple was considered a field crop.

APPENDIX A Continued

Poultry and poultry products—For 1974, the value of poultry hatchery sales is included in this group. For 1969, it was not. The value of sales for poultry hatched is shown in State table 24 and in the county miscellaneous tables. (Also see **Poultry hatcheries** in this section).

Sheep, lambs, and wool—For 1974, the value of sales of these items is shown separately. For 1969, this value was combined with that for hogs, goats, and mohair.

Hogs and pigs—For 1974, the value of hogs and pigs sold is shown separately. For 1969, this value was combined with that for sheep, lambs, wool, goats, and mohair.

Goats and mohair—For 1974, the value of goats and mohair sold is shown separately in the county miscellaneous tables, and in aggregate with the value of other livestock and livestock products. For 1969, this value was combined with that for sheep, lambs, wool, and hogs.

Other livestock and livestock products—For 1974, the production of fish and laboratory animals is included in the agriculture census, whereas for 1969 it was not. The value of fish raised and sold and laboratory animals sold is included in the category "Other livestock and livestock products." Separate data on fish production and sales are shown in State table 24.

Forest products sold—As in previous censuses, the sales data shown for the 1974 census for this item relate only to forest products sold from farms. Commercial logging, timber, or other types of forest product operations or establishments are excluded, as are places selling only forest products. Such operations or establishments are excluded from being classed as agricultural production according to the Standard Industrial Classification in which they are classified as Forestry-Major Group 08.

Total farm production expenses—The overall completeness of expenditures data reported by farm operators for 1974 is poorer than for most recent censuses.

This is especially true for farms producing crops, livestock, or poultry under contract. The majority of such operators did not know and were unwilling to estimate the value of production inputs furnished by the contractor. The scope of this phenomenon has been increasing as the structure of agriculture becomes more complex, requiring increased estimations of production expenses during office processing of individual census reports. These estimates were made for individual expenditures, and were based on the scope of related crop and livestock information for the individual report, or in some cases on averages or ratios of expenditures reported by similar farms in the same geographic area.

The figures for 1974 and 1969 are heavily weighted by the effect of reporting of "All other production expenses." Some farmers may have misinterpreted the intent of this question and reported capital improvement expenditures, purchase of long-term assets, household expenses, and other personal expenditures; others may have failed to include all applicable items. Any calculations of net farm income based on this census figure should be used with caution.

Commercial fertilizer—Data for 1974 and 1969 include the cost of rock phosphate and gypsum. These items were excluded from the 1964 figures.

Other agricultural chemicals—These expenditures include the cost of all herbicides, fungicides, other pesticides, growth control chemicals, and defoliants used for crops or pastureland, and insecticides used for livestock and poultry during the census year. They also include expenditures for chemicals such as lime for soil treatment and sanitation, pesticides used for rodent and bird control, etc. A detailed breakdown by the purpose of the chemical application along with the related expenditure is shown for farms with sales of \$2,500 and over in county table 12 and State tables 13 and 28 through 33.

All other production expenses—This item was subject to extensive errors in report-

ing due to the complexity of concept and the numerous individual expense items eligible for inclusion in the one answer space. Respondents failed in many cases to follow the instructions specifying the type of expenditures to be included or excluded. Obvious errors were corrected during the processing, but the dollar figures for this item should be used with caution. For all statistical tables, this item includes the balance of production expenses for all items not already individually specified in the table.

Crop classifications—Some respondents reported crops on lines designated for other crops. Obvious errors were corrected during processing; however, not all errors were corrected. For example, the wheat categories were so poorly reported that for most States, data by kind of wheat are not published.

Hay crops—Data shown for hay represents all hay crops, including grass silage and hay cut green, unless otherwise specified. In showing production data for all hay crops, dry tons represent dry tonnage for the various hay categories and dry-weight equivalent for grass silage and hay cut and fed green. The conversion used was 3 tons green weight to one ton dry.

Land in vegetables—The total acres of land used for vegetables in 1974 shown in State table 8 and county summary table 28 are not fully comparable to the acres published for 1969. For 1974, the data are the land from which vegetables were harvested; for 1969 the acres shown are the sum of the acres of the individual crops harvested. In areas where more than one vegetable crop is grown on the same land during the season, comparability is affected.

Land in orchards—This includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 fruit, citrus, or nut trees, or of grapevines.

APPENDIX A Continued

Poultry hatcheries—The data shown for hatcheries do not represent the total of all hatchery production or value. The historical census concept of counting items as sold only if the product was taken from the farm dictated that only hatcheries which produced chicks, poults, and ducklings for sale or placement on other farms should be included in the census totals. Poultry hatched and raised for sale or for layer replacement on the same place have been excluded. For such operations, the value of sales from the final product, such as broilers, turkeys, or eggs, is counted in the census. The value of hatchery sales is included in the category "Poultry and poultry products" and is also shown separately in State table 24.

Fish production—The raising of fish for sale was included as agricultural production by the 1972 SIC, and data for such operations are included in the agriculture census for the first time in 1974. As the commercial raising of fish is a relatively new industry, the census mailing register covering fish production may have been incomplete. Information on fish production and sales is shown in State table 24 and in the county miscellaneous table 7.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located (even though hives are often moved from farm to farm over a wide geographic area for pollination). Several factors affect the completeness and accuracy of these data: First, bee and honey sales were enumerated separately only for farms with sales of \$2,500 and over. Many bee owners operate on a small scale, and their sales are not identified separately in the statistics. Second, some bee operations may not have been on the mailing list. Third, some operators on the mailing list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

Total cropland—Total cropland consists of land from which crops were harvested or hay was cut; land in orchards, citrus

groves, vineyards, and nursery and greenhouse products; land used only for pasture or grazing; land in cover crops, legumes, and soil improvement grasses; land on which all crops failed; and land in cultivated summer fallow. It also includes cropland that is idle. This item may be overstated for 1974 and 1969 as compared to earlier censuses (see next paragraph).

Cropland used only for pasture or grazing—This category covers rotation pasture and grazing land that could have been used for crops without additional improvements. Land in this category may have been overstated in 1974 and 1969 due to a tendency of farm operators to report all pastureland in the first question relating to pastureland. Obvious errors were corrected during processing.

Other cropland—This category consists of land used for soil improvement crops, land on which all crops failed, and land in cultivated summer fallow. It also includes idle cropland.

Other land—In State tables 1 and 9, county table 1, and county summary table 2, other land refers to all land not otherwise itemized. It includes pastureland and rangeland other than cropland and woodland pasture, and house lots, barn lots, ponds, roads, wasteland, etc. In State tables 10 and 28, other land refers only to house lots, barn lots, ponds, roads, wasteland, etc.

Irrigation—Data on methods of irrigation and quantity of water used are shown in State table 12 and county table 13. More detailed statistical tables on these items, as well as more information on irrigated crop yields, are included in Volume II of the census.

Commercial fertilizer—The acreage fertilized and tonnage applied are shown along with the acreage harvested for most major crops and groups of other crops. The acreage fertilized may include some acreage on which part of a crop failed, but if all of a fertilized crop failed, fertilizer figures are not included with

data shown by crop. Instead, fertilized acreage on which all crops failed and tonnage are included in the totals shown for all acreage fertilized and tons applied. For most counties and States, the difference in acreage is not significant.

Other agricultural chemicals—Detailed data showing the general purposes for which chemicals were applied are published for farms with sales of \$2,500 and over. Some farm operators reported their total acreage treated by sprays, dusts, fumigants, etc., but did not allocate acreage according to the various purposes of the treatment. It was not feasible to allocate misreported data properly, so these data were added to "Other chemicals."

To a limited degree, then, detailed data for insect, nematode, disease, and weed control are incompletely reported and the item "Other chemicals" actually includes a sizeable amount of expenditures relating to these controls.

Grain storage capacity—A question on grain storage was asked for the first time in the 1974 census. No attempt was made to supply missing data for this item; instead, the number of farms not reporting are shown.

Artificial ponds, pits, reservoirs, and earthen tanks—This information was first collected for the 1954 census, but was not collected for 1969. In 1974, data were collected on the number of ponds, pits, reservoirs, and earthen tanks, and the area covered by them when filled to capacity.

Futures market—These data were collected to determine if the operator utilized the commodity futures market in 1974 to hedge sales of any farm commodities produced on the place. The data probably represent an overstatement of the actual number of farm operators using the futures market. Apparently, respondents were confused between futures market transactions and forward pricing agreements. Although obvious errors were corrected, the data should be used with caution.

APPENDIX A Continued

Contracts—The data published in State table 27 are shown essentially as reported, except for inconsistencies that were corrected. The published data are incompletely reported, partly because of the complex and varied nature of production and marketing contracts, and partly because of a lack of understanding, or more often a lack of knowledge, on the part of the respondents, of the facts. Some contracts were not reported at all, and for some reported contracts not all characteristics were given. The "Not reported" line in table 27 indicates the extent of incompleteness of reporting on the contract characteristics. Data on the amount received from the contractor varied from the full market value for some marketing contracts to only fractional values for some production contracts. More detailed data for individual items produced under contract are included in Volume II of the census.

Payroll and employment—For 1974 more data were collected than in previous agriculture censuses, to provide a more complete accounting and classification of hired labor involved in agriculture production. Data were collected on the number of workers by number of days worked, cash wages paid, and amount paid to contract workers and salaried corporation officers (see section 30 of the form for farms with sales of \$2,500 and over).

Some respondents who had sizeable numbers of seasonal workers during the year had difficulty reporting the number of workers by days worked, because their records were often not kept in such detail. County and State totals for the number of seasonal workers give a sizeable overcount for the number of hired workers actually involved in agriculture because many of them worked on more than one farm during the year and thus may have been counted more than once. Therefore, these data should be used with some caution.

Caution is also necessary with the data on contract labor. Some farm operators may not have distinguished clearly between hired labor and contract labor—workers hired through a labor contractor

or crewleader. This has resulted in a possible overstatement of the number of farms using contract labor, although the dollar amounts involved are generally small.

Likewise, salaries paid to corporate officers may include some worktime spent on nonfarm activities.

Injuries and illnesses—Information on injuries and illnesses was collected for the first time in the 1974 census. Information was obtained on the number of injuries and illnesses of hired workers, paid members of the operator's family, unpaid family members, and operators of farms with sales of \$2,500 or more. No data are shown in this report; however, several unpublished tabulations were made and copies are available for purchase upon request (see section 7. **Unpublished Data**). The unpublished data were tabulated as reported; no attempt was made to estimate for possible missing or under-reported data.

Farm credit—The census of agriculture has collected varying amounts of data relating to credit since 1890. Continuing changes in technology and agricultural practices have increased the amount of money and credit required for efficient farm operation. In lieu of the traditional separate finance survey, section 33 was added to the report form for farms with sales of \$2,500 and over to obtain information from farm operators on debts secured and not secured by real estate. The data collected are shown in county table 14, county summary table 31, and State tables 28 through 33, and in some unpublished tables on the financial characteristics of farm operators.

Debt secured by real estate relates to debt owed by the farm operator and secured by land owned and operated. Debt on land owned by the operator but rented to others was to be excluded. In county summary table 31, a ratio has been calculated of the debt secured by real estate to the value of owned land operated. This is one measure of the degree of indebtedness. Data for debts for secured by real estate pertain only to debt owed by the operator and exclude

debts owed by landlords, contractors, etc.

Farm fuel storage capacity—Questions were asked for the first time in the 1974 census on the on-farm storage capacity of gasoline, diesel fuel, LP gas, butane, and propane used for the farm business. However, a significant number of respondents failed to answer these questions or answered them incorrectly; for instance, many operators reported the total gallons purchased during the year instead of the fuel storage capacity. Such obvious errors were deleted, but since acceptable data were not obtained for substantial number of farms, none is shown in this report. Several tabulations were made, however, and unpublished data are available for purchase upon request (see section 7. **Unpublished Data**).

Income and expenses from farm-related sources—An expanded series of questions on farm-related income and expenses were asked of all farms in the 1974 census to obtain a more complete picture of the total income of farm operators from all sources. These sources include income and expenses associated with customwork and other agricultural services provided for farmers and others, recreational services, participation in government programs, renting out land, and other activity conducted on the farm or closely related to the farm. As a general rule, these other income sources are included if they are closely related, even though supplemental, to the farm operation. However, if they constitute a separate establishment or were conducted from another location, they are not included. For example, if a farm operator owned a company which furnished custom services to other farms, and that company and its income were reported in the 1974 Survey of Agricultural Services as a separate establishment, the income is not included in the data for this category. Also not included are reported sales of capital assets such as land, buildings, and machinery. Examples of income from other farm-related sources that are included are: payments from farm insurance damages, gas tax refunds, patronage dividends, expenditure rebates, farm

APPENDIX A Continued

machine and building rentals, and farm by-products sales.

Besides those expenses associated with customwork, recreational services, government programs, renting of farmland, etc., expenses include operating expenses, depreciation, taxes, interest, insurance, etc. However, the data shown for this item do not represent the total expenditures associated with farm-related income. The respondent was requested, if separate records were available, to report farm-related income expenses separately from farm production expenses. If the respondent did not report farm-related expenses separately, those expenses are assumed to be included in farm production expenses.

Differences in totals for some items—The total given in one table for an item may differ slightly from the total given in another table for the same item because of the rounding of fractions or the rounding to thousands.

6. Farm Classifications

State table 9 presents detailed data for all farms classified by selected value of sales groups; State tables 28 to 33 present detailed data for farms with sales of \$2,500 and over classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (in acres), value of agricultural products sold, and standard industrial classification. In addition, this report contains a number of farm counts according to various characteristics, as well as frequency distributions of farms classified by value of sales of each of the principal farm enterprises.

Farms by tenure of operator—The classifications of tenure as used for both the 1974 and 1969 censuses are:

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

Detailed data by tenure of operator and type of organization are shown in State table 28. For the 1964 census and earlier censuses, a separate classification was used for hired managers, in addition to full owners, part owners, and tenants. The manager classification was discontinued because managed farms became increasingly difficult to define and identify, especially with the mail enumeration. Farms which may be operated by hired managers for 1969 and 1974 are distributed among full owners, part owners, and tenants according to the reported ownership of the land in the place.

Farms by age of operator—Age of the farm operator was obtained for all farms with sales under \$2,500 and only for individual, family, or partnership operated farms having sales of \$2,500 and over. Characteristics of farms by two age-of-operator groups in combination with occupation information are shown in State table 9 for farms with sales of under \$2,500 and by six age groups in State table 29 for farms with sales of \$2,500 and over.

Racial and ethnic groups—These data were collected and tabulated for all farm operators with sales under \$2,500 and for those operators with sales of \$2,500 and over if they operated the farm as an individual or family or partnership. Each operator, except those in Hawaii, was asked to classify himself or herself into one of six racial or ethnic groups. For Hawaii, nine categories were provided.

For 1974, data are shown for "Blacks and other races"; "other races" includes American Indians, Hawaiians, Japanese, Chinese, Filipinos, Koreans, and any other separate racial group. The comparable data for 1969 are for Black-operated farms only. The farm operators reporting themselves to be of Spanish origin were included with the White race wherever separate data for "White" were shown. Counts of farm operators for each of the enumerated racial or ethnic groups are shown in county miscellaneous data table 14 for counties with three or more operators in any of the groups.

Farms by type of organization—This was the second census of agriculture for which farms were classified by type of organization; the first time was for the 1969 census. The respondent classified his own organizational status by marking a box opposite the type of organization which best described the way the place was operated in 1974. The classifications were:

- a. Individual or family operation (sole proprietorship), excluding partnership and corporation.
- b. Partnership operation, including family partnership.
- c. Corporation, including family corporation.
- d. Other, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc.

The farms were classified according to the information provided in section 37 of the regular form. Many of the reports which showed "other" as the type of organization came from institutional farms, Indian reservations, or other operations classified as "abnormal." Abnormal farms were not included in the tabulations for farms with sales of \$2,500 and over.

Some caution should be taken when comparing 1974 data for corporations with 1969 data. A followup study of the 1969 data indicated that a sizable number of farms were wrongly reported as corporate, especially in the Southern States. These errors in the 1969 data have not been corrected and are shown as originally published.

More detailed data obtained from a special survey of farms operated by corporations are included in **Volume IV, Special Reports**, of the 1974 Census of Agriculture.

Farms by value of sales—In earlier agricultural censuses, data were classified in nine groups referred to as "economic classes." The use of this term was discontinued for 1974; however, for farms with sales of \$2,500 or more in 1974, the value-of-products sold classifications are the same as the value ranges used for establishing economic classes 1 through 5

APPENDIX A Continued

in prior censuses and are therefore comparable. Some caution should be used in comparing value-of-sales data for 1974 with those of earlier censuses due to the substantial increase in prices received by farmers between the census periods.

Data for farms with sales of less than \$2,500, classified in earlier censuses as economic classes 6, part time, and part retirement, are not directly comparable to the 1974 value classes because of the change in farm definition and modifications in farm classification. For 1969, farms with sales of under \$2,500 were classified as:

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

If 1974 data shown in State table 9 and appendix B are combined, limited comparisons between 1969 and 1974 can be made as follows:

Compare 1969 class 6 farms with 1974 farms with sales of less than \$2,500 whose operators were under 65 years old and devoting 50 percent or more of their worktime to farming. Compare 1969 part-time farms with 1974 farms with sales of less than \$2,500 whose operators were under 65 years old and devoting less than 50 percent of their worktime to farming. Compare 1969 part-retirement farms with 1974 farms with sales of less than \$2,500 whose operators were 65 years old and over regardless of occupation.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc. Data for abnormal farms were in-

cluded in totals for all farms, but were excluded from data for farms with sales of \$2,500 or more. Characteristics of abnormal farms are shown in State table 9. The abnormal farms are comparable to abnormal farms of earlier censuses.

New classification of farms—A new classification series was used to present the data for the 1974 census. It was developed by the U.S. Department of Agriculture in cooperation with the Bureau of the Census to better describe today's agriculture and its complex relationships with other sectors of the economy. The major classifications are:

- a. Primary farm—A farm operated by an individual or family or partnership where the operator spends 50 percent or more of his worktime on the farm (considers farming to be the principal occupation) or a farm operated under a corporate structure which received 50 percent or more of its gross business (farm and nonfarm) from the sale of agricultural products.
- b. Part-time farm—A farm operated by an individual or partnership where the operator spends less than 50 percent of his worktime on the farm (does not consider farming to be the principal occupation).
- c. Business-associated farm—A farm operated under a corporated structure which received less than 50 percent of its gross business income (farm and nonfarm) from the sale of agricultural products.
- d. Abnormal farm—An institutional, experimental, or research farm, or an Indian reservation. An institutional farm is one operated by a hospital, penitentiary, school, grazing association, government agency, etc.

Some new classifications are not yet available. Data necessary to classify corporations as primary or business-associated are being collected in a separate survey. It will be published, along with data for individuals and partnerships, in a later report. However, the classifications for individual or family operated farms, for

partnerships, and for abnormal farms are described in the following discussion of data presented by principal occupation of the farm operator.

Farms by principal occupation—Information was obtained on the occupation of the farm operator in 1974 to provide the basis for the new farm classification. Data on occupation were not obtained in 1969. The principal occupation classification for farms with sales of \$2,500 and over relates only to farms operated by individuals or families (sole proprietorships) and partnerships. Farm characteristics are shown by age of the operator and occupation for farms with sales of under \$2,500 in State table 9 and for farms with sales of \$2,500 and over in State table 29.

The classifications used for 1974 were:

- a. Farming—The principal occupation of the operator if he spent 50 percent or more of his worktime in 1974 in farming.
- b. Other—The principal occupation of the operator if he spent 50 percent or more of his work time in 1974 at occupations other than farming. Some operators engaged in ranching marked "other" as their principal occupation. Most such obvious errors were corrected during the processing operation.

Farms operated by persons who consider themselves farmers by occupation would be classified as primary farms under the new classification. Likewise, those farms operated by persons who consider themselves as having occupations other than farming would be classified as part-time farms.

Farms by size—All farms were classified by size according to the total land area established for each farm (acres in this place). Detailed characteristics of farms with sales of \$2,500 and over by 12 size-of-farm groups are presented in State table 30. The same classification was used for all States. By definition, a farm was an operating unit, not an ownership tract.

In the case of a landlord who had assigned land to tenants, the land assigned

APPENDIX A Continued

to each tenant was considered a separate farm even though the landlord may have considered the entire landholding as one unit in respect to supervision, equipment, rotation practice, purchase of supplies, or sale of products.

Farms by type—Data from the 1974 census are being published in accordance with the expanded classification system for agricultural production published in the 1972 edition of the Standard Industrial Classification (SIC) Manual. In general, the SIC classifications published for 1974 are comparable to the historical type-of-farm classifications except that the expanded SIC provides the potential for a more detailed classification.

Farms by standard industrial classification—A standard classification for agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) has been evolving over the entire lifetime of the SIC system, but at a less rapid rate than in other producing sectors of the economy, primarily because of the diversity of production typical of most farms. In recent years, increasing specialization by agricultural producers has encouraged the creation of a more detailed set of classifications. These classifications, found in the 1972 SIC Manual, are intended to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 3- or 4-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural production. If the total value of sales of agricultural products of an establishment was less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group; otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

Detailed characteristics of farms with sales of \$2,500 or more for selected SIC groupings are shown in State tables 32 and 33 and county summary table 6. Additional and more complete 1974 data for various SIC classifications will be shown in Volume II.

Farms not classified by SIC—Some farms included in the 1974 Census of Agriculture did not meet the official specifications of the standard industrial classification for agricultural activities. Sales of forest products, which by historical census definition are included in the total value of farm products sold, are excluded by the SIC classification system. Therefore, farms having more than one-half of their sales from forest products are excluded from SIC classification. In addition, those farms having a significant proportion (but less than half) of their sales from forest products and not meeting the definition of one of the two categories of general farms are also excluded from SIC classification.

7. Unpublished Data

Data collected and tabulated primarily to meet the needs of specific governmental users have been assembled in a series of unpublished tables. The table headings and stubs of most of these tables have more frequent data intervals and size groupings than those published in Volume I. In some cases, the tables display the data in a format specified by certain data users. Most tables provide State level statistics.

The principal unpublished tabulations available are on:

- Farm contracts.
- Fuel storage capacity.
- Grain storage capacity.
- Grazing permits.
- Hired workers.
- Injuries and illnesses.
- Irrigated and nonirrigated crop yields.
- Land use by size of farm.
- Selected farm characteristics by—
 - Standard industrial classification
 - Debt status.
 - Race or origin.

Age of farm operator.

Days worked off-farm by the operator.

Utilization of futures market.

In addition some data were tabulated extending frequency distributions for already published items. These tabulations are in the same format as State tables 28 through 33.

For information on the content and cost of the unpublished tabulations, please write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

8. Nonsampling Errors

Every census or survey has some errors. These can arise from such sources as incorrect or incomplete reporting, processing errors, and the inability to obtain a response from all farmers. Limited sampling was done in this census, and most of the error is of the nonsampling type.

Reported data may be incorrect due to misunderstanding of questions or the use of estimates in reporting. During processing, adjustments are made to data items which appear to be inconsistent with other items.

Respondents may fail to provide all of the information requested. In some cases, the respondent may indicate the presence of an item but not the amount. Imputations were made for missing data on the quantities and sales values of crops and livestock, but no imputations were made for such items as forest products sold, injuries and illnesses, and farm credit.

An adjustment was made for operations on the mailing list which did not respond to the census. This adjustment employed sampling, and variation from the adjustment is measured in sampling errors; however, any systematic bias is not measured. The methodology for this adjustment is described in section 10. **Statistical Adjustments.**

There was considerable undercoverage of smaller farms because a large number of these places were not represented in

APPENDIX A Continued

any of the administrative records of places associated with agricultural operations and, consequently, were not on the final mailing list. On the other hand, some names were on the mailing list more than once. Duplication was eliminated in the processing to a large extent, but some remains, particularly for farms whose operation changed hands, in whole or in part, while the list was being developed. Measures of final undercoverage are provided in section 9. **Census Coverage.**

9. Census Coverage

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this aim difficult to achieve. Among the complexities are the many 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 operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete listing of all agricultural operators, the difficulty of locating and identifying some farms, the operator's absence from his farm during mail effort and followup procedures, and the operator's opinion that some or all of his agricultural operations should not be included in the census.

An evaluation of the coverage has been conducted for each census of agriculture since 1945. Although its primary purpose is to pinpoint problem areas and supply evidence upon which to base improvements, the coverage check also provides users of census data with estimates of the completeness of census counts. Preliminary results of a coverage check for this State indicate that about 97 percent of all farms are included in the census. The farms included are estimated to account for more than 98 percent of the total value of sales of agricultural products in 1974.

More detailed information, reporting coverage by size and type of farm and by

geographic area, are included in a separate report of the 1974 Census of Agriculture.

10. Statistical Adjustments

Report forms were obtained and tabulated for all the identified larger farms (in general, those with expected sales of \$40,000 and over). In the few instances where the operator did not supply the required information, data were obtained from secondary sources. By means of detailed, programed edit specifications, adjustments or corrections were made during the computer-edit operation for internally incomplete or inconsistent data. The review procedures provided for computer printouts of edit changes to an item that exceeded specified limits. These changes were then reviewed for reasonableness by members of the processing staff and necessary corrections made.

Nonresponse

The statistics for each State and county were adjusted to account for smaller operations which did not respond in the census. The number of farms for which adjustment was made was estimated on the basis of the results of a canvass of a random sample of mailing register addressees who did not respond during the regular census followup period. The figures supplied by a stratified sample of addressees who did respond were then expanded to represent the nonrespondents and included in the census totals.

Table A shows for selected items for the State the percent of the published total that the nonresponse adjustment represents. These percentages indicate the potential for bias in published figures due to nonresponse, i.e., the extent to which the actual data for nonrespondents may not agree with the nonresponse adjustments. The probable range of difference is unknown. However, the degree of uncertainty regarding the accuracy of the data increases as the percentage of the total represented by the nonrespondent adjustment increases.

Table A. Percent of State Total Represented by Adjustment for Whole Farm Nonresponse: 1974

Item	Percent of total
Number of farms	10.4
Land in farms	6.3
Value of products sold	3.6
Harvested cropland	6.1
Inventory:	
Cattle and calves	5.5
Chickens 3 months old or older	2.8
Hogs and pigs	5.2

Sampling

During the construction of the mailing list for the census, names obtained from various sources were matched to eliminate duplicates. Names that only appeared on the list provided by the Agricultural Stabilization and Conservation Service were randomly sampled at a rate varying by State from 100% to 10%, and only those drawn in the sample were asked to complete census reports. The census reports obtained were expanded to estimate the totals for all the farms on the "ASCS only" list. The farms in the sample generally were small in size, but they occasionally included some larger farms. The States sampled at a 100% rate (all ASCS only names included in the mailing register) were Alaska, Delaware, Hawaii, Nevada, New Jersey, and West Virginia.

Reliability of Adjustments for Non-response and Sampling

Table B shows estimates of reliability of the published totals for selected data items for the State. These estimates include the variability from sampling the "ASCS only" list and the variability from using the random selection of respondent farms weighted by expansion factors to represent nonrespondent farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected. The variances from the two

APPENDIX A Continued

sources—the ASCS only use and the nonresponse adjustment—were combined in the usual manner to provide the estimates of reliability.

There is approximately 67% confidence that the difference between the published estimate and the figure that

would have been obtained if there were no variability involved is not more than the percentage presented in the table for a specific item. There is approximately 95% confidence that the difference is less than twice the percentage given.

As calculated for this report, the

standard error measures the effect of certain nonsampling errors, but does not measure any systematic biases in the data arising from incorrect reporting by respondents or adjustments for nonresponse, or incompleteness of the mailing list.

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974

County	Land in farms		Value of land and buildings		Harvested cropland		Value of crops sold		Value of livestock and poultry sold	
	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Dollars (1,000)	Standard error (percent)
Kansas, total . .	47 945 722	0.2	14 210 626	0.2	19 870 535	0.2	1 783 910	0.2	1 886 980	0.1
Allen	310 669	2.9	97 133	2.3	136 979	2.6	9 334	2.6	8 746	1.2
Anderson	345 891	1.2	115 010	1.5	153 283	1.4	10 424	1.6	9 982	.8
Atchison	245 997	1.5	91 599	1.6	129 296	1.3	11 005	1.3	9 553	2.2
Barber	685 852	.8	177 403	1.1	196 217	.9	15 955	1.0	13 971	.4
Barton	563 963	1.1	168 522	1.6	316 047	1.2	24 086	1.6	67 079	.1
Bourbon	348 484	1.4	103 613	1.3	116 334	1.8	6 551	2.5	11 732	1.2
Brown	351 141	2.4	157 631	2.1	218 858	2.0	20 425	2.7	16 898	1.4
Butler	763 858	2.1	263 541	2.6	225 995	3.2	13 830	4.3	67 107	.4
Chase	427 038	2.0	94 381	4.6	61 005	10.2	3 935	14.2	13 492	1.8
Chautauqua . .	348 872	2.3	81 194	2.9	41 369	4.9	(D)	(D)	7 160	1.6
Cherokee	292 445	2.3	104 044	1.9	177 468	2.5	15 273	2.5	3 993	1.2
Cheyenne	599 232	1.1	129 085	1.0	200 898	1.0	23 918	1.0	7 009	1.8
Clark	652 612	2.1	88 010	1.9	120 250	1.2	9 240	1.5	20 499	.7
Clay	382 483	1.2	110 576	1.0	195 383	.8	16 699	.9	14 410	.5
Cloud	429 991	1.5	120 275	1.2	232 222	1.6	20 913	1.7	8 065	1.0
Coffey	383 983	1.8	110 626	2.1	158 218	2.8	10 532	4.0	10 341	2.1
Comanche	514 491	.7	83 758	.8	125 405	1.0	8 678	.8	9 807	.3
Cowley	630 835	2.2	214 094	1.9	204 895	1.2	17 520	.7	32 387	.9
Crawford	311 459	1.1	103 089	1.2	147 731	1.4	11 096	1.2	8 098	1.1
Decatur	533 152	2.3	123 588	2.0	157 537	1.5	15 048	1.5	18 950	1.4
Dickinson	560 011	1.7	158 280	1.8	310 796	1.7	24 596	2.1	26 132	.7
Doniphan	231 760	1.5	99 704	1.4	136 479	1.1	20 278	1.2	10 316	2.6
Douglas	242 972	4.3	119 357	5.0	106 773	3.6	8 006	5.4	10 829	1.2
Edwards	378 710	.9	120 111	1.2	175 496	1.8	15 580	1.5	10 430	.6
Elk	317 166	.7	73 495	.6	45 275	.6	2 224	1.0	7 773	.7
Ellis	542 543	1.4	117 249	1.4	174 401	1.9	10 484	2.0	16 766	.3
Ellsworth	407 174	3.6	95 338	3.7	151 235	2.1	9 382	2.9	7 195	5.5
Finney	669 155	1.7	224 192	1.9	315 943	.7	43 645	.6	80 523	.1
Ford	667 776	1.6	170 438	1.5	286 580	1.6	28 106	1.3	52 269	.2
Franklin	307 486	1.6	125 510	2.0	142 165	1.8	8 772	2.0	12 220	2.4
Geary	169 547	1.2	44 962	1.2	58 252	2.3	(D)	(D)	4 688	1.0
Gove	641 947	.6	130 027	.8	184 678	.7	17 284	.4	29 935	.6
Graham	544 231	6.0	111 491	8.4	159 337	5.3	13 257	4.0	(D)	(D)
Grant	321 398	1.6	115 069	.4	168 807	.5	24 406	.3	13 914	.1
Gray	519 931	1.4	192 108	1.3	279 155	1.2	43 233	.8	52 465	.1
Greeley	451 628	.8	105 557	.9	194 678	.7	19 508	.8	21 979	.2
Greenwood	682 747	1.6	155 886	1.8	83 564	1.4	3 870	1.8	15 811	1.4
Hamilton	550 473	2.8	96 796	2.4	193 490	2.1	16 177	1.6	16 815	.1
Harper	512 931	1.5	222 065	2.1	311 680	1.7	26 608	1.4	14 089	1.2
Harvey	314 114	1.5	161 977	1.6	220 963	1.5	17 369	.9	18 746	3.6
Haskell	365 903	1.8	170 007	1.3	237 692	1.7	48 264	.7	73 633	.4
Hodgeman	495 559	2.0	105 573	1.9	155 905	1.6	13 880	1.5	31 869	.5
Jackson	351 583	1.7	103 115	2.0	134 931	1.9	7 812	2.2	9 977	2.7
Jefferson	273 793	1.3	112 247	1.4	122 465	.9	9 756	.8	9 816	2.0

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974—Con.

County	Cattle and calves on farms		Chickens 3 months old and older on farms		Hogs and pigs on farms		Corn harvested for all purposes		Hay harvested	
	Number	Standard error (percent)	Number	Standard error (percent)	Number	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Kansas, total . . .	5 590 628	0.2	2 728 432	1.1	1 520 269	0.6	1 975 682	0.3	2 066 168	0.4
Allen	47 381	2.0	11 906	(¹)	10 530	4.5	13 244	7.9	31 863	2.7
Anderson	46 989	1.8	45 445	1.3	18 152	2.9	27 087	3.1	39 463	1.5
Atchison	37 958	1.7	28 540	1.7	20 997	3.6	39 085	1.2	17 493	1.8
Barber	89 847	.5	1 912	1.0	5 810	1.0	1 784	.0	11 868	1.1
Barton	79 427	.8	10 036	4.2	10 509	4.7	13 454	.1	35 471	1.4
Bourbon	63 640	.8	5 033	3.7	13 603	2.2	10 872	2.5	36 168	3.3
Brown	51 230	2.3	7 353	5.5	30 439	1.0	93 070	1.7	18 063	2.6
Butler	147 424	1.5	21 396	14.9	38 668	1.0	4 643	1.6	61 137	1.7
Chase	50 830	4.1	(D)	(D)	8 872	5.7	7 697	11.5	16 457	1.2
Chautauqua . . .	52 298	2.4	2 452	5.3	8 077	5.3	747	10.1	16 003	5.5
Cherokee	34 949	1.5	7 553	5.8	7 382	1.8	5 185	2.1	17 894	2.0
Cheyenne	34 992	1.8	2 156	5.6	8 252	6.5	29 386	.9	9 141	2.4
Clark	57 093	1.4	1 595	(¹)	651	3.7	1 192	.0	6 021	2.2
Clay	46 723	.7	(D)	(D)	33 247	2.0	15 919	2.6	18 851	1.2
Cloud	40 993	2.0	3 266	14.2	13 629	1.4	14 208	2.8	18 821	1.2
Coffey	48 747	1.8	43 315	.9	11 741	5.6	16 042	1.4	39 295	5.0
Comanche	49 933	.7	629	7.0	2 593	.1	431	.0	11 745	2.1
Cowley	88 918	2.6	9 948	4.4	41 505	1.0	1 139	2.9	35 262	6.3
Crawford	49 864	.9	6 602	8.4	11 957	1.0	11 546	1.3	22 113	2.0
Decatur	51 602	3.1	15 828	1.5	10 914	1.6	8 273	.6	11 217	2.0
Dickinson	68 076	1.2	143 831	.5	28 188	15.9	13 244	4.0	30 057	1.5
Doniphan	28 375	1.1	15 322	2.9	24 045	2.4	88 943	1.6	6 420	1.2
Douglas	39 482	3.6	6 287	6.3	17 754	1.0	24 540	5.9	25 378	1.5
Edwards	35 309	1.8	2 080	19.0	1 713	5.5	11 929	.0	14 748	3.9
Elk	51 312	.8	3 314	10.7	12 775	.7	757	1.9	20 394	.8
Ellis	52 101	.8	7 940	3.5	5 261	1.5	5 435	2.4	15 298	1.3
Ellsworth	39 916	4.2	6 664	21.9	6 495	.9	2 317	(¹)	17 388	4.5
Finney	122 554	.3	1 056	2.7	5 176	1.5	66 246	.6	28 110	1.2
Ford	78 198	.7	3 508	9.7	12 475	1.4	21 107	.3	12 227	2.6
Franklin	49 887	1.8	10 028	6.0	18 278	3.1	23 411	1.5	31 592	3.0
Geary	20 118	1.1	3 224	5.0	9 976	.7	2 811	1.3	15 194	3.5
Gove	84 716	2.7	2 733	5.4	8 122	7.2	12 003	.6	13 274	7.6
Graham	43 031	8.5	3 771	9.8	3 472	13.8	5 921	9.5	13 425	4.6
Grant	24 331	1.7	1 376	.8	4 701	.3	38 515	.3	3 923	.0
Gray	59 080	.4	1 384	7.7	2 324	7.9	70 466	.2	12 411	.2
Greeley	36 837	.7	(D)	(D)	2 096	2.4	16 572	1.0	3 120	2.6
Greenwood	100 226	2.2	2 670	1.9	10 255	.5	5 642	1.3	36 820	2.5
Hamilton	30 036	.4	716	3.2	1 893	2.3	9 272	1.0	4 815	1.1
Harper	62 365	1.1	78 159	.4	4 374	.4	370	.0	14 583	3.1
Harvey	42 107	3.5	129 479	4.1	24 109	12.7	6 252	4.1	14 800	1.2
Haskell	102 885	1.4	239	20.5	1 122	4.7	89 460	.2	5 756	1.8
Hodgeman	63 364	1.4	2 923	8.6	3 805	9.2	8 631	4.0	3 296	3.4
Jackson	58 805	2.1	12 460	7.1	21 608	6.3	25 788	2.1	42 804	3.9
Jefferson	47 379	1.8	9 610	9.5	20 746	8.0	39 509	1.4	28 017	1.5

¹ Estimated coefficient of variation is 25.0 percent or greater. These coefficients are usually associated with small data values and when a significant portion of the total is derived from estimates for nonrespondents and sample reports.

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974—Con.

County	Land in farms		Value of land and buildings		Harvested cropland		Value of crops sold		Value of livestock and poultry sold	
	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Dollars (1,000)	Standard error (percent)
Jewell	521 962	1.1	135 216	0.8	238 480	1.0	17 979	1.1	17 848	0.6
Johnson	184 365	2.6	194 802	2.9	93 398	4.9	8 110	5.3	6 406	3.2
Kearny	495 951	1.3	111 162	1.3	181 435	1.6	22 385	1.3	43 003	.2
Kingman	537 730	3.0	192 706	4.2	280 263	2.0	22 946	2.4	11 190	2.2
Kiowa	456 026	1.8	94 645	1.2	145 360	2.5	12 175	2.3	8 130	1.0
Labette	382 661	1.9	135 249	2.2	156 171	2.0	9 505	1.8	21 000	1.3
Lane	472 497	2.4	95 683	2.0	161 656	3.0	17 705	3.3	20 657	.2
Leavenworth	217 891	3.4	117 201	3.3	98 942	2.7	6 889	2.9	8 773	4.9
Lincoln	464 581	1.5	112 943	1.8	185 655	3.0	13 446	3.4	8 149	1.4
Linn	321 101	2.5	96 478	2.4	117 001	2.1	7 408	2.4	9 598	1.2
Logan	589 876	.9	109 255	1.1	161 968	.8	15 632	.7	5 829	1.2
Lyon	461 195	2.8	129 467	4.1	159 996	1.0	9 508	1.6	26 592	.7
McPherson	553 412	1.1	259 123	1.1	353 380	1.5	32 793	1.3	21 332	1.1
Marion	549 331	1.4	183 210	1.7	289 938	1.6	19 943	2.1	20 265	.6
Marshall	561 863	1.4	181 239	1.5	272 735	1.3	21 136	1.4	17 573	1.2
Meade	674 923	1.0	164 422	1.0	212 402	1.0	24 019	.6	14 608	.5
Miami	302 431	1.4	161 155	1.5	130 010	1.1	8 982	1.1	9 987	1.2
Mitchell	470 496	2.0	142 038	1.8	247 579	1.1	20 703	.8	15 281	.5
Montgomery	334 840	2.4	116 247	3.0	121 646	3.4	7 348	5.2	10 934	.8
Morris	410 654	3.0	104 146	2.9	133 779	3.3	7 270	2.3	21 093	1.5
Morton	447 232	.5	90 943	.6	182 026	.7	13 883	.5	3 085	.9
Nemaha	423 134	1.8	134 968	1.7	208 258	1.3	11 137	1.4	24 738	1.5
Neosho	320 657	3.0	107 379	3.3	134 495	3.2	9 154	2.6	10 784	2.4
Ness	688 656	1.4	149 946	1.4	220 850	1.7	17 526	1.6	10 458	2.0
Norton	487 098	.7	99 225	1.0	152 466	.8	13 422	.9	7 965	1.3
Osage	386 896	.9	120 847	2.2	158 419	1.1	10 490	1.6	10 597	1.1
Osborne	564 515	3.1	121 652	3.3	195 834	2.2	14 366	1.0	10 767	6.9
Ottawa	415 642	1.9	115 850	.8	199 481	2.1	17 191	2.5	18 315	.5
Pawnee	480 352	2.3	145 682	2.1	256 697	2.3	24 295	3.0	16 914	.9
Phillips	567 052	3.5	111 824	3.9	174 265	3.0	13 094	2.5	10 835	2.9
Pottawatomie	467 108	4.1	128 066	5.0	141 674	3.7	8 479	4.2	15 163	3.5
Pratt	422 933	1.1	131 202	1.3	238 292	1.0	21 305	.9	21 058	.4
Rawlins	652 163	1.4	133 675	1.1	190 939	1.9	18 023	2.2	7 619	2.4
Reno	726 831	1.5	286 724	1.8	458 109	1.0	39 353	.9	17 799	.6
Republic	428 584	1.5	140 727	1.3	246 930	.9	24 426	1.0	21 178	.4
Rice	457 726	3.8	159 411	2.8	253 006	2.0	23 258	1.5	15 691	1.0
Riley	262 783	3.2	84 326	2.4	96 911	2.5	6 659	2.9	9 440	3.9
Rooks	550 969	.7	105 931	.9	158 010	.8	10 410	1.1	6 832	.8
Rush	444 061	2.2	116 545	1.6	182 504	.7	12 355	.7	5 517	1.3
Russell	484 074	3.9	102 479	3.5	166 589	1.8	9 055	1.8	(D)	(D)
Saline	429 719	1.7	129 504	1.8	204 970	2.4	16 290	2.1	16 443	.5
Scott	498 931	.7	152 247	1.7	223 523	1.0	26 994	.8	52 207	.1
Sedgwick	565 118	1.9	316 468	1.8	392 337	2.2	35 317	2.2	22 612	1.5

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974—Con.

County	Cattle and calves on farms		Chickens 3 months old and older on farms		Hogs and pigs on farms		Corn harvested for all purposes		Hay harvested	
	Number	Standard error (percent)	Number	Standard error (percent)	Number	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Jewell.	65 180	1.0	8 972	11.0	42 631	0.8	13 690	0.9	23 570	2.5
Johnson.	26 750	2.5	12 779	.3	11 735	16.6	28 178	7.5	18 856	1.8
Kearny.	63 846	.4	1 249	2.8	2 782	1.2	30 589	.1	8 729	.7
Kingman.	55 571	2.1	18 012	1.6	15 579	2.0	1 894	16.6	22 154	3.4
Kiowa.	37 704	1.3	40 928	.2	7 784	5.8	5 424	.0	7 152	1.4
Labette.	87 424	2.4	6 253	3.7	10 432	7.3	11 231	2.9	28 735	4.8
Lane.	42 483	.2	2 061	3.7	2 660	9.2	9 722	.0	3 342	.6
Leavenworth.	39 098	2.0	61 076	(¹)	11 541	5.8	28 687	2.8	27 789	4.8
Lincoln.	50 450	1.9	4 518	6.9	10 585	3.3	2 131	1.6	28 129	12.9
Linn.	49 489	2.6	5 384	5.4	20 273	1.4	13 163	6.2	31 547	2.2
Logan.	31 058	1.6	1 523	6.9	3 816	5.4	7 628	1.5	5 293	1.6
Lyon.	75 497	1.4	145 401	.8	16 915	1.1	22 516	1.1	41 368	1.0
McPherson.	64 160	.7	113 852	5.7	22 010	2.9	10 636	.8	22 276	5.4
Marion.	71 739	1.5	152 202	.8	36 368	5.6	8 578	2.4	35 019	1.4
Marshall.	64 370	1.9	39 829	2.2	45 953	1.9	19 815	1.8	29 958	2.0
Meade.	51 011	.9	1 407	3.6	3 481	2.4	28 651	.3	13 300	1.8
Miami.	56 527	1.4	34 445	3.4	15 489	2.9	28 001	1.7	35 223	2.0
Mitchell.	42 972	1.1	2 161	5.0	22 014	1.3	4 154	1.0	10 836	2.6
Montgomery.	50 304	1.1	6 790	4.8	35 202	1.6	7 479	3.2	26 580	3.4
Morris.	65 663	5.2	5 623	4.9	27 129	1.5	8 587	4.0	33 215	3.4
Morton.	18 114	1.8	774	.0	582	14.5	18 834	1.0	3 105	.0
Nemaha.	65 527	1.2	68 582	1.1	56 678	2.7	42 604	1.5	29 035	1.3
Neosho.	52 828	2.8	15 371	1.8	20 064	15.0	11 711	3.3	24 064	2.0
Ness.	51 496	1.9	58 159	1.0	4 466	(¹)	3 216	2.3	10 601	1.6
Norton.	47 431	1.6	4 110	5.9	8 970	5.8	5 352	2.5	12 699	2.0
Osage.	52 858	1.5	8 003	8.7	19 075	2.0	13 459	1.0	36 760	1.1
Osborne.	55 241	5.2	4 503	5.8	11 000	1.5	7 130	1.1	17 173	11.3
Ottawa.	48 959	1.0	5 262	5.1	12 979	3.4	4 030	3.8	14 462	2.2
Pawnee.	36 052	1.1	3 172	(¹)	10 805	1.5	23 237	4.1	29 101	4.9
Phillips.	68 722	5.2	9 510	11.5	26 319	2.3	6 379	7.5	26 583	2.9
Pottawatomie.	67 129	6.0	44 014	1.9	32 663	1.9	21 056	9.1	43 814	5.8
Pratt.	38 960	.7	34 632	2.1	15 256	1.5	10 726	1.7	9 730	1.0
Rawlins.	45 213	2.0	13 587	4.1	9 872	3.1	8 940	1.0	12 057	3.3
Reno.	69 167	1.8	256 125	.1	35 403	2.2	5 417	1.1	29 847	2.9
Republic.	50 945	.9	13 307	5.1	29 641	1.0	47 219	1.2	18 443	1.9
Rice.	41 287	3.1	3 361	10.2	13 488	2.9	4 881	.3	15 984	11.9
Riley.	37 505	1.6	11 288	1.3	22 260	2.3	8 117	4.1	17 680	3.3
Rooks.	46 145	1.0	3 880	4.9	5 840	1.5	1 338	4.9	14 838	1.0
Rush.	35 514	2.7	16 883	2.1	1 891	7.3	4 785	3.3	8 000	3.4
Russell.	37 110	3.0	5 831	4.0	3 079	1.7	884	2.5	16 032	3.8
Saline.	54 826	1.0	8 935	14.5	13 029	1.2	4 527	2.6	14 198	2.1
Scott.	72 282	.2	1 225	6.4	9 017	1.0	43 537	.4	5 815	1.2
Sedgwick.	54 311	.7	156 644	.2	21 937	1.0	9 262	1.5	37 041	3.3

¹ Estimated coefficient of variation is 25.0 percent or greater. These coefficients are usually associated with small data values and when a significant portion of the total is derived from estimates for nonrespondents and sample reports.

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974—Con.

County	Land in farms		Value of land and buildings		Harvested cropland		Value of crops sold		Value of livestock and poultry sold	
	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Acres	Standard error (percent)	Dollars (1,000)	Standard error (percent)	Dollars (1,000)	Standard error (percent)
Seward	325 563	2.6	122 747	4.0	150 223	0.8	17 043	0.6	32 762	0.1
Shawnee	244 947	1.2	107 414	1.7	113 409	1.4	10 102	1.1	7 441	.7
Sheridan	494 027	.6	122 449	.6	174 104	.5	21 246	.5	29 159	.2
Sherman	617 347	1.6	176 597	1.4	263 277	1.9	42 516	1.4	14 400	.2
Smith	558 298	1.1	132 514	1.1	216 733	.6	16 503	.6	17 596	.7
Stafford	456 845	2.9	146 651	2.5	246 327	3.3	21 912	2.1	8 478	1.7
Stanton	506 449	1.1	148 400	.6	259 799	1.2	38 116	1.1	31 547	.2
Stevens	455 916	1.6	154 853	2.1	278 321	1.6	27 776	1.5	14 487	.3
Sumner	719 466	1.3	349 964	1.6	512 857	1.1	46 888	1.2	11 951	.6
Thomas	728 330	2.6	231 308	3.4	308 210	3.2	33 109	2.6	21 177	.2
Trego	500 330	2.0	108 316	2.4	142 140	1.1	10 443	1.0	5 795	1.5
Wabaunsee	428 562	1.1	109 768	1.3	103 642	1.1	5 850	1.0	13 866	.8
Wallace	507 271	1.5	98 896	3.7	150 332	3.6	21 094	3.4	7 576	.9
Washington	553 043	1.0	170 621	.9	274 181	1.1	18 268	1.4	29 252	1.0
Wichita	420 293	.5	134 064	.4	205 131	.3	30 450	.2	48 022	.1
Wilson	331 879	1.0	99 806	1.0	129 091	.8	9 349	1.0	6 922	.6
Woodson	292 058	2.4	76 208	2.4	84 375	1.5	4 611	1.3	10 985	1.2
Wyandotte	26 092	1.9	30 317	1.4	13 874	1.7	2 878	1.0	2 034	2.1

APPENDIX A Continued

Table B. Estimates of the Reliability of Published Totals for Selected Items: 1974—Con.

County	Cattle and calves on farms		Chickens 3 months old and older on farms		Hogs and pigs on farms		Corn harvested for all purposes		Hay harvested	
	Number	Standard error (percent)	Number	Standard error (percent)	Number	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
Seward	54 143	0.4	896	7.4	8 914	1.7	24 940	0.7	5 492	0.8
Shawnee	29 579	1.4	41 703	1.3	11 375	1.3	28 716	2.3	27 479	4.4
Sheridan	58 044	.8	5 195	2.7	10 393	10.9	35 971	.3	8 217	2.4
Sherman	38 199	.7	3 146	2.4	4 698	1.0	51 415	.4	6 858	.9
Smith	73 916	.8	5 694	4.8	25 769	2.9	8 318	1.9	26 134	1.8
Stafford	42 912	2.3	2 254	9.8	5 902	2.1	13 243	.8	22 228	3.1
Stanton	50 406	3.0	544	22.8	2 012	2.9	75 643	1.4	2 730	1.2
Stevens	31 580	2.0	1 640	11.7	3 698	7.3	35 618	.6	5 635	2.6
Sumner	53 923	.9	15 199	1.5	13 970	2.4	3 013	7.5	25 734	3.2
Thomas	47 020	.7	2 076	5.5	10 680	.1	41 974	.9	4 781	2.0
Trego	40 673	2.0	4 926	6.9	2 132	2.2	3 362	14.3	7 891	2.2
Wabaunsee	60 666	1.0	181 766	.3	14 708	8.0	13 531	2.2	34 456	2.0
Wallace	31 777	1.1	950	4.0	3 114	9.1	34 764	8.3	7 346	2.5
Washington	86 313	1.3	27 258	9.2	73 370	1.7	22 320	1.1	30 180	1.8
Wichita	51 681	.4	860	2.7	1 761	1.3	66 309	.3	3 796	.5
Wilson	42 011	1.1	(D)	(D)	11 633	1.3	5 986	1.1	25 615	1.6
Woodson	42 983	2.0	2 744	1.6	8 202	5.5	4 263	2.3	30 618	1.3
Wyandotte	4 556	2.6	5 807	6.4	954	5.2	4 756	2.1	2 649	5.6

APPENDIX B. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition But Excluded by the 1974 Definition: 1974 and 1969

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)	Specified excluded agricultural operations, 1974					Farms with sales under \$1,000, 1969			
	Total	By occupation and age of operator				Total	Class 6	Part time	Part retirement
		Occupation farming		Occupation other than farming					
		Less than 65 years old	65 years old and over	Less than 65 years old	65 years old and over				
Farms and Land in Farms									
Farms..... number.....	2 837	567	373	1 669	228	7 886	1 368	4 746	1 772
..... percent.....	100.0	20.0	13.1	58.8	8.0	100.0	17.3	60.2	22.5
Land in farms..... acres.....	227 431	84 104	55 181	74 454	13 692	755 727	184 066	368 957	202 704
Average size of farm..... acres.....	80	148	148	45	60	96	135	78	114
Value of land and buildings..... \$1,000.....	102 065	26 705	18 409	50 659	6 292	193 143	40 334	107 930	44 879
Average per farm..... dollars.....	35 976	47 099	49 353	30 353	27 598	24 492	29 484	22 741	25 327
Average per acre..... dollars.....	449	318	334	680	460	256	219	293	221
Farms by value of farm:									
\$1 to \$9,999.....	844	178	101	476	89	2 291	395	1 387	509
\$10,000 to \$19,999.....	618	133	53	390	42	2 318	370	1 434	514
\$20,000 to \$39,999.....	722	110	104	459	49	2 097	323	1 274	500
\$40,000 to \$69,999.....	318	55	40	203	20	752	163	432	157
\$70,000 to \$99,999.....	145	22	33	68	22	223	53	125	45
\$100,000 and over.....	190	69	42	73	6	205	64	94	47
Owned and rented lands by farm operators:									
Land owned..... farms.....	2 635	510	365	1 538	222	6 878	1 169	4 035	1 674
..... acres.....	262 675	81 753	66 175	92 414	22 333	900 633	205 185	413 431	282 017
Land rented or leased from others..... farms.....	353	104	35	201	13	1 676	347	1 111	218
..... acres.....	63 819	35 382	11 073	16 254	1 110	165 315	53 551	88 552	23 212
Land rented or leased to others..... farms.....	877	254	138	421	64	1 925	357	1 040	528
..... acres.....	99 063	33 031	22 067	34 214	9 751	310 221	74 670	133 026	102 525
Land in Farms According to Use									
Total cropland..... farms.....	1 637	320	193	967	157	6 036	958	3 646	1 432
..... acres.....	55 520	22 617	9 819	18 310	4 774	403 013	90 077	204 592	108 344
Harvested cropland..... farms.....	794	108	85	503	98	4 188	623	2 569	996
..... acres.....	4 091	442	481	2 742	426	98 717	17 112	56 151	25 454
Farms by acres harvested:									
1 to 9 acres.....	684	96	67	429	92	997	112	700	185
10 to 19 acres.....	110	12	18	74	6	1 216	176	748	292
20 to 29 acres.....	-	-	-	-	-	795	114	481	200
30 to 49 acres.....	-	-	-	-	-	786	129	427	230
50 to 99 acres.....	-	-	-	-	-	333	75	188	70
100 acres and over.....	-	-	-	-	-	61	17	25	19
Cropland used only for pasture or grazing..... farms.....	758	146	63	498	51	2 729	404	1 715	610
..... acres.....	11 883	2 626	1 232	7 166	859	125 867	24 737	64 220	36 910
Other cropland (see text)..... farms.....	365	109	66	148	42	2 839	495	1 646	698
..... acres.....	39 546	19 549	8 106	8 402	3 489	178 429	48 228	84 221	45 980
Woodland, including woodland pasture..... farms.....	474	87	50	300	37	1 421	202	901	318
..... acres.....	12 348	2 546	2 547	6 173	1 082	46 284	7 640	26 910	11 734
Other land (see text)..... farms.....	2 334	501	336	1 341	156	5 889	1 018	3 517	1 354
..... acres.....	159 563	58 941	42 815	49 971	7 836	306 430	86 349	137 455	82 626
Irrigated land..... farms.....	29	4	1	23	1	95	18	56	21
..... acres.....	92	5	1	85	1	1 561	436	574	551
Race and Tenure of Operator									
All farm operators:									
Full owners.....	2 488	464	338	1 471	215	6 235	1 027	3 644	1 564
Part owners.....	130	38	26	61	5	578	119	365	94
Tenants.....	219	65	9	137	8	1 073	222	737	114
White farm operators:									
Full owners.....	2 471	457	338	1 462	214	6 206	1 023	3 631	1 552
Part owners.....	128	38	24	61	5	577	119	364	94
Tenants.....	217	65	9	136	7	1 064	222	728	114
Black and other races (see text):									
Full owners.....	17	7	-	9	1	29	4	13	12
Part owners.....	2	-	2	-	-	1	-	1	-
Tenants.....	2	-	-	1	1	9	-	9	-
Farm Operator Characteristics ¹									
Farm operators by age group:									
Under 25 years.....	99	34	-	65	-	438	167	271	-
25 to 34 years.....	367	57	-	310	-	806	107	699	-
35 to 44 years.....	607	107	-	500	-	1 427	220	1 207	-
45 to 54 years.....	578	147	-	431	-	1 741	322	1 419	-
55 to 64 years.....	585	222	-	363	-	1 702	552	1 150	-
65 years and over.....	601	-	373	-	228	1 772	-	-	1 772
Average age.....	50.5	47.6	71.4	43.7	73.2	51.1	47.1	44.6	71.9
Farm operators by place of residence:									
On farm operated.....	1 169	98	101	848	122	3 866	524	2 335	1 007
On another farm.....	201	135	15	43	8	-	-	-	-
In a rural area not on a farm.....	54	4	4	43	3	2 499	434	1 621	444
In a city, town, or urban area.....	325	66	17	219	23	-	-	-	-
Farm operators reporting days of work off farm.....									
None.....	2 411	320	253	1 627	211	(NA)	(NA)	(NA)	(NA)
Any.....	530	159	193	62	116	(NA)	(NA)	(NA)	(NA)
1 to 49 days.....	1 881	161	60	1 565	95	6 091	580	4 746	765
50 to 99 days.....	137	35	21	55	26	652	349	-	303
100 to 149 days.....	62	10	10	36	6	326	231	-	95
150 to 199 days.....	66	6	4	37	19	-	-	-	-
200 days and over.....	98	28	4	58	8	796	-	680	116
.....	1 518	82	21	1 379	36	4 317	-	4 066	251
Farm operators by principal occupation:									
Farming.....	940	567	373	-	-	(NA)	(NA)	(NA)	(NA)
Other.....	1 897	-	-	1 669	228	(NA)	(NA)	(NA)	(NA)

¹1974 data apply only to individual or family operations (sole proprietorships) and partnerships; see text.

APPENDIX B Continued

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)

Farm Operator Characteristics¹ — Continued

Farm operators by off-farm income:

	Total	Less than 65 years old	65 years old and over	Less than 65 years old	65 years old and over	Total	Class 6	Part time	Part retirement
Reporting any	1 433	302	242	795	94	(NA)	(NA)	(NA)	(NA)
Off-farm income equal to or greater than value of farm products sold	1 356	296	237	738	85	(NA)	(NA)	(NA)	(NA)
Off-farm income less than value of farm products sold	77	6	5	57	9	(NA)	(NA)	(NA)	(NA)
Not reporting or reporting none	1 404	265	131	874	134	(NA)	(NA)	(NA)	(NA)

Farms by Size

1 to 9 acres	882	183	101	522	76	1 300	318	785	197
10 to 49 acres	1 281	186	132	873	90	2 653	325	1 830	498
50 to 69 acres	93	20	19	45	9	590	76	375	139
70 to 99 acres	198	51	20	116	11	1 274	224	735	315
100 to 139 acres	42	9	8	24	1	493	87	268	138
140 to 179 acres	107	23	27	30	27	720	119	356	245
180 to 219 acres	18	5	2	9	2	153	28	78	47
220 to 259 acres	16	5	5	5	1	143	31	76	36
260 to 499 acres	102	36	30	28	8	377	85	181	111
500 acres and over	98	49	29	17	3	183	75	62	46

Value of Products Sold

Market value of all agricultural products sold (see text)	\$1,000	787	159	73	480	75	3 524	574	2 129	821
Average per farm	dollars	278	280	196	288	329	447	419	449	463
Farms by value of agricultural products sold:										
Under \$250		1 543	328	240	882	93	2 452	468	1 449	535
\$250 to \$499		541	69	67	334	71	1 774	306	1 087	381
\$500 to \$999		753	170	66	453	64	3 660	594	2 210	856
Crops and hay sold	farms	621	97	69	365	90	3 529	535	2 157	837
	\$1,000	289	49	32	164	43	1 689	253	1 011	425
Nursery and greenhouse products	farms	13	—	2	10	1				
	\$1,000	6	—	1	4	—				
Forest products	farms	29	14	1	14	—	28	2	19	7
	\$1,000	13	11	(2)	2	—	3	(2)	2	1
Livestock and livestock products	farms	1 029	198	83	686	62	3 540	607	2 194	739
	\$1,000	456	96	35	297	28	1 832	320	1 116	396
Poultry and poultry products	farms	124	13	14	87	10				
	\$1,000	23	3	4	13	2				

Production Expenses

Total farm production expenses	farms	2 654	513	314	1 611	216	7 886	1 368	4 746	1 772
	\$1,000	2 149	335	229	1 441	144	8 626	1 526	5 200	1 899
Farms with expenditures of—										
\$1 to \$499		967	222	130	514	101	2 461	455	1 463	543
\$500 to \$999		990	188	134	591	77	2 320	400	1 374	546
\$1,000 to \$1,999		547	90	37	389	31	3 105	513	1 909	683
\$2,000 and over		150	13	13	117	7				
Livestock and poultry purchased	farms	961	162	69	671	59	2 441	419	1 555	467
	\$1,000	303	42	19	228	15	964	154	645	164
Feed for livestock and poultry	farms	1 734	278	161	1 165	130	3 789	586	2 457	746
	\$1,000	497	74	38	352	33	1 144	174	770	200
Commercially mixed formula feeds	farms	1 102	223	115	674	90	(NA)	(NA)	(NA)	(NA)
	tons	1 655	249	164	1 164	78	(NA)	(NA)	(NA)	(NA)
	\$1,000	241	39	25	167	10	(NA)	(NA)	(NA)	(NA)
Seeds, bulbs, plants, and trees	farms	650	104	48	444	54	2 435	369	1 534	532
	\$1,000	35	7	3	23	2	161	28	98	35
Commercial fertilizer	farms	676	123	75	430	48	2 828	436	1 746	646
	\$1,000	60	7	8	41	4	395	61	242	92
Other agricultural chemicals (see text)	farms	163	13	15	127	8	1 408	198	904	306
	\$1,000	6	1	1	4	(2)	84	15	48	21
Gasoline and other petroleum fuel and oil for the farm business	farms	2 350	436	302	1 424	188	7 257	1 259	4 350	1 648
	\$1,000	371	67	58	215	31	1 236	245	708	283
Hired farm labor	farms	184	34	23	114	13	1 568	277	899	392
	\$1,000	40	6	10	22	1	359	72	202	84
Contract labor	farms	42	2	4	35	1	2 950	503	1 712	735
	\$1,000	15	1	8	17	(2)	532	105	292	135
Machine hire and customwork	farms	345	28	36	235	46				
	\$1,000	58	12	11	27	8				
Other production expenses	farms	1 833	326	186	1 192	129	5 272	913	3 148	1 211
	\$1,000	763	118	73	522	49	3 750	671	2 193	885

Farm-Related Income and Expenses

Farm-related income	farms	433	92	48	266	27	(NA)	(NA)	(NA)	(NA)
	\$1,000	786	216	88	375	108	(NA)	(NA)	(NA)	(NA)
Customwork and other agricultural services	farms	92	8	13	61	10	420	105	245	70
	\$1,000	178	26	15	90	47	591	119	385	87
Recreational services	farms	15	—	2	8	—	58	4	38	16
	\$1,000	8	—	2	6	—	57	22	30	6
Government farm programs	farms	62	20	5	33	4	2 395	344	1 444	607
	\$1,000	36	9	3	21	3	1 531	263	815	452
Rent of farmland or from lease or sale of allotments	farms	290	81	29	166	14	(NA)	(NA)	(NA)	(NA)
	\$1,000	548	181	68	241	58	(NA)	(NA)	(NA)	(NA)
Other farm-related sources	farms	10	—	—	10	—	(NA)	(NA)	(NA)	(NA)
	\$1,000	17	—	—	17	—	(NA)	(NA)	(NA)	(NA)
Expenses for farm-related income sources	farms	184	50	13	108	13	(NA)	(NA)	(NA)	(NA)
	\$1,000	219	35	24	141	19	(NA)	(NA)	(NA)	(NA)

¹1974 data apply only to individual or family operations (sole proprietorships) and partnerships; see text.

APPENDIX B Continued

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)	Specified excluded agricultural operations, 1974					Farms with sales under \$1,000, 1969				
	Total	By occupation and age of operator				Total	Class 6	Part time	Part retirement	
		Occupation farming		Occupation other than farming						
		Less than 65 years old	65 years old and over	Less than 65 years old	65 years old and over					
Selected Machinery and Equipment										
Automobiles.....	forms.....	2 183	441	247	1 300	195	5 522	969	3 319	1 234
	number.....	2 510	474	276	1 538	222	7 236	1 197	4 603	1 436
Motortrucks, including pickups.....	forms.....	2 175	408	250	1 345	172	5 091	859	3 138	1 094
	number.....	2 452	449	293	1 517	193	6 232	1 091	3 835	1 306
Tractors, excluding garden tractors and motor tillers.....	forms.....	1 933	349	227	1 178	179	5 207	843	3 119	1 245
	number.....	3 102	588	344	1 875	295	6 895	1 175	4 107	1 613
Wheeltractors, excluding garden tractors and motor tillers.....	forms.....	1 927	349	227	1 172	179	(NA)	(NA)	(NA)	(NA)
	number.....	3 077	587	337	1 861	292	(NA)	(NA)	(NA)	(NA)
Crawler tractors.....	forms.....	24	1	6	14	3	(NA)	(NA)	(NA)	(NA)
	number.....	25	1	7	14	3	(NA)	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled.....	forms.....	72	23	14	26	9	443	94	262	87
	number.....	78	24	16	29	9	478	100	286	92
Cornpickers, corn heads, and picker-shellers.....	forms.....	15	6	3	6	—	164	24	103	37
	number.....	15	6	3	6	—	167	24	104	39
Corn heads for combines.....	forms.....	7	3	1	3	—	(NA)	(NA)	(NA)	(NA)
	number.....	7	3	1	3	—	(NA)	(NA)	(NA)	(NA)
Other cornpickers and picker-shellers.....	forms.....	8	3	2	3	—	(NA)	(NA)	(NA)	(NA)
	number.....	8	3	2	3	—	(NA)	(NA)	(NA)	(NA)
Mower conditioners.....	forms.....	77	10	11	53	3	(NA)	(NA)	(NA)	(NA)
	number.....	83	10	15	55	3	(NA)	(NA)	(NA)	(NA)
Pickup balers.....	forms.....	85	11	10	49	15	435	70	283	82
	number.....	90	12	10	53	15	447	72	290	85
Windrowers, pull and self-propelled.....	forms.....	16	4	1	11	—	(NA)	(NA)	(NA)	(NA)
	number.....	17	4	1	12	—	(NA)	(NA)	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type.....	forms.....	13	3	3	7	—	(NA)	(NA)	(NA)	(NA)
	number.....	13	3	3	7	—	(NA)	(NA)	(NA)	(NA)
Estimated market value of all machinery and equipment.....	forms.....	2 564	484	290	1 579	211	7 119	1 225	4 277	1 617
	\$1,000.....	20 874	4 279	3 107	11 605	1 883	24 038	4 445	14 958	4 635
Farms by value of machinery and equipment:										
\$1 to \$999.....		65	24	2	34	5	1 362	241	710	411
\$1,000 to \$4,999.....		541	81	42	380	38	4 445	751	2 730	964
\$5,000 to \$9,999.....		1 302	223	116	848	115	854	128	569	157
\$10,000 to \$19,999.....		554	130	110	270	44	333	75	184	74
\$20,000 to \$29,999.....		64	12	11	37	4				
\$30,000 to \$49,999.....		30	11	7	8	4	125	30	84	11
\$50,000 and over.....		8	3	2	2	1				
Livestock and Poultry										
Livestock and poultry inventory:										
Cattle and calves.....	forms.....	817	150	83	523	61	2 960	489	1 850	621
	number.....	4 123	714	457	2 625	327	32 375	5 295	19 397	7 683
Cows and heifers that had calved.....	forms.....	534	90	59	352	33	2 027	353	1 270	404
	number.....	1 910	340	210	1 233	127	12 322	2 230	7 235	2 857
Beef cows.....	forms.....	454	78	48	301	27	1 746	297	1 086	363
	number.....	1 702	308	175	1 102	117	11 361	1 988	6 715	2 658
Milk cows.....	forms.....	114	19	13	76	6	466	95	282	89
	number.....	208	32	35	131	10	961	242	520	199
Hogs and pigs.....	forms.....	145	20	12	103	10	701	107	483	111
	number.....	728	98	60	534	36	9 284	1 211	6 638	1 435
Litters of pigs farrowed between December 1 of preceding year and November 30.....	forms.....	84	15	5	59	5	498	79	351	68
	number.....	270	43	20	188	19	1 939	299	1 396	244
Sheep and lambs.....	forms.....	127	34	3	81	9	354	55	236	63
	number.....	2 325	656	74	1 481	114	6 892	1 329	4 403	1 160
Horses and ponies.....	forms.....	536	37	25	451	23	1 598	187	1 206	205
	number.....	2 041	159	133	1 682	67	5 434	670	4 032	732
Chickens 3 months old or older.....	forms.....	275	46	31	181	17	1 141	184	645	312
	number.....	10 643	1 820	1 369	6 734	720	59 333	12 976	29 174	17 183
Hens and pullets of laying age.....	forms.....	261	44	29	171	17	1 080	174	609	297
	number.....	9 954	1 740	1 292	6 210	712	51 851	10 764	25 397	15 690
Broilers and other meat-type chickens.....	forms.....	21	4	2	15	—	38	7	26	5
	number.....	373	117	36	220	—	6 709	306	6 124	279
Other livestock and poultry.....	forms.....	201	27	17	152	5	418	51	325	42
Livestock and poultry sold:										
Cattle and calves.....	forms.....	562	132	56	333	41	2 353	417	1 404	532
	number.....	1 793	408	189	1 054	142	9 738	1 773	5 672	2 293
Hogs and pigs.....	forms.....	140	24	9	97	10	679	106	478	95
	number.....	1 845	288	151	1 283	123	12 817	1 889	9 193	1 735
Feeder pigs sold.....	forms.....	59	12	5	38	4	314	32	238	44
	number.....	1 133	177	91	799	66	7 226	726	5 330	1 170
Sheep and lambs.....	forms.....	113	33	4	71	5	294	42	197	55
	number.....	1 665	576	59	982	48	3 892	591	2 525	776
Horses and ponies.....	forms.....	153	10	3	136	4	253	32	184	37
	number.....	337	39	3	287	8	590	95	399	96
Chickens 3 months old or older.....	forms.....	33	2	5	22	4	127	23	69	35
	number.....	1 159	112	246	693	108	13 512	3 527	6 153	3 832
Hens and pullets of laying age.....	forms.....	30	2	5	19	4	111	23	55	33
	number.....	1 091	112	246	645	88	10 753	2 467	5 068	3 218
Broilers and other meat-type chickens.....	forms.....	9	1	1	7	—	7	—	7	—
	number.....	352	5	40	307	—	3 040	—	3 040	—
Other livestock and poultry.....	forms.....	95	7	2	86	—	(NA)	(NA)	(NA)	(NA)
Crops Harvested										
Field corn for all purposes.....	forms.....	36	4	2	29	1	416	58	244	114
	acres.....	94	9	2	80	3	3 866	485	2 336	1 045
For grain or seed.....	forms.....	36	4	2	29	1	379	51	218	110
	acres.....	94	9	2	80	3	3 451	401	2 077	973
	bushels.....	3 898	446	50	3 322	80	125 202	11 995	80 776	32 431
Cut for silage, green chop, or dry fodder, or hogged or grazed.....	forms.....	—	—	—	—	—	45	7	31	7
	acres.....	—	—	—	—	—	415	84	259	72

APPENDIX B Continued

Farm or Farms in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, Farm Definition)

Specified excluded agricultural operations, 1974						Farms with sales under \$1,000, 1969			
	Total	By occupation and age of operator				Total	Class 6	Part time	Part retirement
		Occupation farming		Occupation other than farming					
		Less than 65 years old	65 years old and over	Less than 65 years old	65 years old and over				
Crops Harvested—Continued									
Sorghums for all purposes, except sirup.....farms.....	88	8	8	56	16	707	136	385	186
For grain or seed.....acres.....	357	36	22	248	51	11 226	2 345	5 739	3 142
.....farms.....	55	6	8	26	15	576	100	319	157
.....acres.....	203	28	22	106	47	9 339	1 862	5 006	2 471
.....bushels.....	9 028	1 031	1 422	3 403	3 172	300 764	50 167	172 912	77 685
Cut for silage, green chop, dry forage or hay, or hogged or grazed.....farms.....	33	2	—	30	1	156	38	79	39
.....acres.....	154	8	—	142	4	1 887	483	733	671
Wheat for grain.....farms.....	292	39	41	139	73	2 292	383	1 332	577
.....acres.....	1 347	194	203	643	307	50 155	9 417	28 090	12 648
.....bushels.....	33 246	5 048	4 463	16 160	7 575	1 041 812	189 850	580 189	271 773
Other small grains for grain.....farms.....	13	1	—	12	—	198	23	115	60
.....acres.....	88	5	—	83	—	2 545	328	1 515	702
Soybeans for beans.....farms.....	57	9	6	42	—	531	62	337	132
.....acres.....	269	24	16	229	—	5 752	696	3 820	1 236
.....bushels.....	5 335	536	349	4 450	—	96 961	11 586	62 684	22 691
Hay and grass silage, excluding sorghum hay (see text).....farms.....	310	38	28	227	17	1 725	221	1 079	425
.....acres.....	1 986	199	231	1 459	97	24 710	3 760	14 376	6 574
.....tons.....	2 708	386	313	1 886	123	35 968	5 178	21 713	9 077
Cotton.....farms.....	—	—	—	—	—	(NA)	(NA)	(NA)	(NA)
.....acres.....	—	—	—	—	—	(NA)	(NA)	(NA)	(NA)
.....bales.....	—	—	—	—	—	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts.....farms.....	—	—	—	—	—	—	—	—	—
.....acres.....	—	—	—	—	—	—	—	—	—
.....pounds.....	—	—	—	—	—	—	—	—	—
Tobacco.....farms.....	—	—	—	—	—	—	—	—	—
.....acres.....	—	—	—	—	—	—	—	—	—
.....pounds.....	—	—	—	—	—	—	—	—	—
Irish potatoes.....farms.....	15	2	6	6	1	67	10	36	21
.....acres.....	4	1	2	1	(Z)	27	6	17	4
.....hundredweight.....	252	52	138	42	20	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes.....farms.....	3	—	1	2	—	—	—	—	—
.....acres.....	1	—	(Z)	1	—	—	—	—	—
.....bushels.....	62	—	2	60	—	—	—	—	—
Vegetables, sweet corn, or melons for sale.....farms.....	36	15	4	12	5	66	9	42	15
.....acres.....	12	3	2	4	4	79	15	44	21
Berries for sale.....farms.....	17	14	—	3	—	23	3	16	4
.....acres.....	3	1	—	1	—	9	1	4	5
Land in orchards.....farms.....	29	15	2	12	—	131	12	100	19
.....acres.....	13	8	2	4	—	489	58	385	47
All other crops.....farms.....	16	1	2	12	1	(NA)	(NA)	(NA)	(NA)
.....acres.....	2	(Z)	(Z)	1	(Z)	530	91	287	151
Greenhouse products under glass or other protection.....farms.....	9	—	2	7	—	13	3	6	4
.....square feet.....	8 028	—	1 800	6 228	—	5 189	27	4 152	1 010

APPENDIX C. Report Forms

FORM **74-A1** (10-1-74)

O.M.B. No. 41-S74065; Approval Expires December 31, 1975

U.S. DEPT. OF COMM.—SESA
BUREAU OF THE CENSUS

1974 CENSUS OF AGRICULTURE

PLEASE remove the envelope and Instruction Sheet from the center of this booklet and . . . **KEEP THEM HANDY.**

IT'S EASIER THAN IT LOOKS to fill out this report. Many items can be answered by marking a "Yes" or "No" box. There are whole sections which may not apply to your operation—for these, just mark the NO box and go to the next section as instructed.

EXPLANATIONS AND INSTRUCTIONS are provided all through the form with more detail in the Instruction Sheet you have removed from the center of this report. Use them — **they will help.**

A Message from the Director of the Bureau of the Census...

January 2, 1975

Dear Friend:

It's time for the 1974 Census of Agriculture, and we need your help.

Please fill out this report and return it in the envelope provided.

This is a most important census. Many changes have occurred in agriculture since 1969 when the last census was taken. It is important to you that these changes be measured and understood by other farmers and ranchers as well as by those who serve you and them.

Your answers are needed and are **COMPLETELY CONFIDENTIAL**, as spelled out in the Notice at the right of this letter.

Please fill out your report and send it back right away. We'll appreciate it very much.

Sincerely,



VINCENT P. BARABBA
Director
Bureau of the Census

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

NOTE: If you correspond with us regarding your report, please use the Census File Number shown in the address block on the booklet cover.

**Complete this report
and RETURN TO**



**BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47130**

Section 1 Did you receive more than one report form?

- ☐ YES — See separate Instructions
- ☐ NO — Go to Section 2

Enter extra file
number(s) here

Section 2 FARMING, RANCHING, OR OTHER AGRICULTURAL ACTIVITIES IN 1974

- | | YES | NO | | | | | | | | | | | | | | | |
|--|-------------------------------|------------------------------------|-----------------------------------|---------------------|------------------------------|---------------------|---------------------------------|-----------------|------------------------------------|-------------------------------------|------------------|----------------------------|--|----------------------------|--|--|--|
| 1. At any time in 1974 did you raise, produce, or sell ANY amount of any of the items listed below? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | |
| <table border="0"><tr><td>• Crops</td><td>• Cattle (including feedlots)</td><td>• Greenhouse and nursery products</td></tr><tr><td>• Hay, pasture, sod</td><td>• Hogs, sheep, goats, horses</td><td>• Fish in captivity</td></tr><tr><td>• Vegetables, melons, mushrooms</td><td>• Poultry, eggs</td><td>• Fur-bearing animals in captivity</td></tr><tr><td>• Fruits, nuts, berries, and citrus</td><td>• Dairy products</td><td>• Other animal specialties</td></tr><tr><td></td><td>• Forest products on farms</td><td></td></tr></table> | • Crops | • Cattle (including feedlots) | • Greenhouse and nursery products | • Hay, pasture, sod | • Hogs, sheep, goats, horses | • Fish in captivity | • Vegetables, melons, mushrooms | • Poultry, eggs | • Fur-bearing animals in captivity | • Fruits, nuts, berries, and citrus | • Dairy products | • Other animal specialties | | • Forest products on farms | | | |
| • Crops | • Cattle (including feedlots) | • Greenhouse and nursery products | | | | | | | | | | | | | | | |
| • Hay, pasture, sod | • Hogs, sheep, goats, horses | • Fish in captivity | | | | | | | | | | | | | | | |
| • Vegetables, melons, mushrooms | • Poultry, eggs | • Fur-bearing animals in captivity | | | | | | | | | | | | | | | |
| • Fruits, nuts, berries, and citrus | • Dairy products | • Other animal specialties | | | | | | | | | | | | | | | |
| | • Forest products on farms | | | | | | | | | | | | | | | | |
| 2. Did you at any time in 1974 raise or produce any agricultural products for contractors such as feed companies, processors, or packers? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | |
| 3. Did you raise or produce any agricultural products for others or with others under a partnership, share arrangement, or other rental agreement in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | |
| 4. Did you own any land that was used by someone else for agricultural purposes in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | |
| 5. Did you own any livestock or poultry that was cared for by someone else under a share agreement or custom arrangement in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | | | | | | | | | | | | | | |

► If you answered YES to ANY of these questions, go to Section 3.

► If you answered NO to ALL five of these questions, tear off this front cover and mail it back to us in the envelope provided.

Section 3 ACREAGE in 1974 and LAND VALUE

Include all cropland, pastureland, rangeland, woodland, wasteland, idle land, house lots, etc.

None

1. ALL land owned ☐
2. ALL land rented or leased FROM OTHERS, including land worked on shares; leased Federal, State, and railroad land; and land used rent free. (Do NOT include land used on a per-head basis under a grazing permit.) . . . ☐
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased ☐
4. **TOTAL ACRES IN "THIS PLACE"** ① (Please ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented to others (item 3), and enter your answer in this space.) →

① "THIS PLACE" means your farm or ranch, feedlots, poultry houses, greenhouses, and/or any other agricultural operations.

Number of acres	Your estimate of the current market value of these acres and the buildings on them	
	Dollars	Cents
040	1 \$	
050	1 \$	
060	1 \$	
070	These are the ACRES in "THIS PLACE" ① for this census report	

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

Name	Address (No. and street, city, State, ZIP code)	Number of acres	Rental arrangements in 1974 Mark (X) all that apply			
			Share of crops	Share of livestock or products	Cash as rent	Other arrangements
		081	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		082	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		083	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

List additional landlords on back cover.

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

Name	Address (No. and street, city, State, ZIP code)	No. of acres
		085
		086
		087

List additional renters on back cover.

7. Of the land you rented or leased from others (item 2 above), how many acres did you subrent or sublease to others? (Include land rented or leased by you which was worked on shares by others.) ☐

Number of acres	Current market value
088	1 \$

PLEASE READ

You may be able to skip most of this form if —

- a. All the land you owned or rented was worked on shares or rented to someone else.
 b. There were no crops or livestock in 1974 on the acres in "THIS PLACE" (item 4 above).
 c. The land you operated prior to 1974 has been sold to someone else.

If a, b, or c apply to your operation, please read the Instructions before continuing with this report.

Section 4 LOCATION OF AGRICULTURAL ACTIVITY

1. In what county was the largest value of your agricultural products raised or produced? (Enter county name, State, and number of acres on the "Principal county" line. If you have agricultural operations in any other county(ies), enter the county name(s), etc., on the lines provided for "Other counties.")

	County name	State	No. of acres
Principal county			091
Other counties			092
			093
			094

2. Location of place within principal county entered above. (Give name of township, district, precinct, etc., or Township - Range numbers.)

Name of location

CENSUS
USE
ONLY

**READ AND ANSWER
THIS QUESTION
THEN FOLLOW THE
INSTRUCTIONS**

During 1974 did you produce any crops; cut any hay; have any nursery or greenhouse products or specialty crops; or have any land in orchards, groves, or vineyards?

- ☐ YES — Go to Section 5 below
☐ NO — Skip to page 8 and COMPLETE Section 17

Section 5 Was any FIELD CORN harvested for any purpose from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 6

• Report sweet corn in Section 12 and popcorn in Section 16 when you reach those sections.

1. Field corn for grain or seed (Report quantity of shelled corn harvested in either **bushels** or **hundredweight**. 70 lbs. ear corn or 56 lbs. shelled corn = 1 bushel shelled corn)

2. Field corn for silage or green chop

3. Field corn cut for dry fodder, hogged or grazed (Do not include acres already reported in items 1 or 2.)

Acres harvested	Quantity harvested	Acres irrigated
101	1 Bushels shelled	2
	6 — OR — Hundredweight shelled	
102	1 Tons, green weight	2
103		2

4. Commercial fertilizer used on field corn

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
109	1	/10	2	/10

Section 6 Were any SORGHUMS or MILO harvested from this place in 1974?

(Include both grain and sweet varieties. Do not report sorghum-sudan crosses in this section.)

- ☐ YES — Complete this section
☐ NO — Go to Section 7

• Report sorghum-sudan crosses for hay in Section 10 and sorghum for sirup in Section 16 when you reach those sections.

1. Sorghums (milo) for grain or seed (Report quantity harvested in either **bushels** or **pounds**.)

2. Sorghums for silage or green chop

3. Sorghums cut for dry forage or hay

4. Sorghums hogged or grazed (Do not include acres already reported in items 1, 2, or 3.)

Acres harvested	Quantity harvested	Acres irrigated
111	1 Bushels	2
	6 — OR — Pounds	
112	1 Tons, green weight	2
113	1 Tons, dry weight	2
114		2

5. Commercial fertilizer used on sorghums

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
119	1	/10	2	/10

Section 7 Were any SOYBEANS, PEANUTS, DRY BEANS, or DRY PEAS harvested from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 8

1. Soybeans for beans^②

2. Peanuts for nuts^③

3. Dry field and seed beans.

4. Dry lima beans

5. Dry field and seed peas^④

6. Cowpeas for dry peas^⑤

on

Acres harvested	Quantity harvested	Acres irrigated	Commercial fertilizer used				
			Acres fertilized	Dry		Liquid or gas	
				Whole tons	Tenths	Whole tons	Tenths
121	1 Bushels	2	3	4	/10	5	/10
122	1 Pounds	2	3	4	/10	5	/10
123	1 100-lb. bags	2	3	4	/10	5	/10
124	1 100-lb. bags	2	3	4	/10	5	/10
125	1 Pounds	2	3	4	/10	5	/10
126	1 Bushels	2	3	4	/10	5	/10

② Soybean hay is to be reported in Section 10 and soybeans hogged or grazed, cut for silage, or plowed under in Section 16.

③ Peanut hay is to be reported in Section 10.

④ Austrian winter peas are to be reported in Section 11.

⑤ Cowpea hay is to be reported in Section 10, green cowpeas in Section 12, cowpeas hogged or grazed or cut for silage in Section 16.

Section 8 **SMALL GRAINS (including RICE) harvested from this place in 1974**
**COMPLETE
THIS
SECTION**

Please supply all requested information or mark "None" for each crop listed. For each crop harvested from this place in 1974, be sure to report quantity harvested in the unit specified, acres irrigated, acres fertilized, and amount of fertilizer used. If your small grain crop is not listed here, see Section 16 when you reach that section.

• Report small grain hay in Section 10 when you reach that section.

	None	Acres harvested	Quantity harvested	Acres irrigated	Acres fertilized	Commercial fertilizer used			
						Dry		Liquid or gas	
						Whole tons	Tenths	Whole tons	Tenths
1. Hard red winter wheat	<input type="checkbox"/>	131	1 Bu.	2	3	4	/10	5	/10
2. Soft red winter wheat	<input type="checkbox"/>	132	1 Bu.	2	3	4	/10	5	/10
3. Hard red spring wheat	<input type="checkbox"/>	133	1 Bu.	2	3	4	/10	5	/10
4. Durum wheat	<input type="checkbox"/>	134	1 Bu.	2	3	4	/10	5	/10
5. White wheat	<input type="checkbox"/>	135	1 Bu.	2	3	4	/10	5	/10
6. Oats for grain	<input type="checkbox"/>	137	1 Bu.	2	3	4	/10	5	/10
7. Barley for grain	<input type="checkbox"/>	138	1 Bu.	2	3	4	/10	5	/10
8. Rye for grain	<input type="checkbox"/>	139	1 Bu.	2	3	4	/10	5	/10
9. Mixed grains	<input type="checkbox"/>	140	1 Bu.	2	3	4	/10	5	/10
10. Flaxseed	<input type="checkbox"/>	141	1 Bu.	2	3	4	/10	5	/10
11. Buckwheat	<input type="checkbox"/>	142	1 Bu.	2	3	4	/10	5	/10
12. Proso millet	<input type="checkbox"/>	143	1 Bu.	2	3	4	/10	5	/10
13. Rice (Report quantity harvested in either 100-lb. bags, bushels, or barrels).	<input type="checkbox"/>	144	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">1</div> <div style="margin-right: 10px;">OR</div> <div>100-lb. bags</div> </div> <div style="margin-right: 10px;">6</div> <div style="margin-right: 10px;">OR</div> <div>Bu.</div> <div style="margin-right: 10px;">7</div> <div style="margin-right: 10px;">OR</div> <div>Barrels</div>	2	3	4	/10	5	/10

Section 9 **Were any COTTON, TOBACCO, IRISH POTATOES, SWEETPOTATOES, OR SUGAR CROPS harvested from this place in 1974?**

☐ YES — Complete this section

☐ NO — Go to Section 10 on next page

Report tenths of acres where indicated.

	Acres harvested	Quantity harvested	Acres irrigated	Acres fertilized	Commercial fertilizer used			
					Dry		Liquid or gas	
					Whole tons	Tenths	Whole tons	Tenths
1. Cotton	151	1 Bales	2	3	4	/10	5	/10
2. Tobacco — all types	152	1 Pounds	2	3	4	/10	5	/10
3. Irish potatoes (excluding home use)	153	1 Hundred-weight	2	3	4	/10	5	/10
4. Sweetpotatoes (excluding home use)	154	1 Bushels	2	3	4	/10	5	/10
5. Sugar beets for sugar	155	1 Tons	2	3	4	/10	5	/10
6. Sugar beets for seed	156	1 Pounds	2	3	4	/10	5	/10
7. Sugarcane for sugar ^⑥	157	1 Tons	2	3	4	/10	5	/10
8. Sugarcane for sirup	158		2	3	4	/10	5	/10
9. Sugarcane for seed	159		2	3	4	/10	5	/10

^⑥ In Florida and Texas, report cuttings from November 1973 through April 1974. Other States, report 1974 crop year.

Section 10

Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1974? (Include hay cut from pastures.)

- ☐ YES — Complete this section
☐ NO — Go to Section 11

If cuttings were made for both dry hay and grass silage, "haylage," or "green chop" from the same fields, report the acreage in the appropriate items under **Part A — Hay** and **Part B — Grass Silage** below.

■Part A — DRY HAY

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

1. Alfalfa and alfalfa mixtures for hay or dehydrating
2. Clover, timothy, and mixtures of clover and grasses for hay
3. Small grain hay
4. Lespedeza for hay
5. Coastal Bermuda grass for hay
6. Wild hay
7. Other hay — Sudan grass, sorghum-sudan crosses, soybean, cowpea, peanut, etc.

Acres harvested	Quantity harvested (Report either dry or green weight, as indicated)	Acres irrigated
172	1 Tons. dry	2
173	1 Tons. dry	2
174	1 Tons. dry	2
175	1 Tons. dry	2
176	1 Tons. dry	2
177	1 Tons. dry	2
178	1 Tons. dry	2
181	1 Tons. green	2
182	1 Tons. green	2

■Part B — GRASS SILAGE, HAYLAGE, AND GREEN CHOP

(If two or more cuttings of grass silage, "haylage," or "green chop" were made from the same acres, report acres only once, but report total tons from all cuttings.)

8. Grass silage and haylage.
9. Hay crops cut and fed green (green chop).

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
189	1	/10	2	/10

10. Commercial fertilizer used on crops listed above

Section 11

Were any FIELD SEEDS (grass, legume, clover, etc.) harvested from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 12

1. Red clover seed
2. Alfalfa seed
3. Other field seed (Enter crop name and No. from list below.)

Crop name _____ No. _____
 Crop name _____ No. _____

List additional field seed crops harvested on back cover.

Crop name No.
 Austrian winter peas . . . 193
 Birdsfoot trefoil seed . . . 194
 Fescue seed: Alta . . . 195
 Chewings . . . 196
 KY 31 . . . 197
 Red . . . 198
 Other . . . 199
 Bahia grass seed . . . 201
 Bentgrass seed . . . 202
 Bromegrass seed . . . 203
 Orchardgrass seed . . . 204

Crop name No.
 Ryegrass seed: Annual . . . 205
 Perennial . . . 206
 Sudan grass seed . . . 207
 Timothy 208
 Wheatgrass seed . . . 209
 Kentucky Bluegrass seed:
 Merion 211
 Proprietary 212
 Other 213
 Lespedeza 214
 Lupine seed 215

Crop name No.
 Alsike clover seed 216
 Crimson clover seed 217
 Ladino clover seed 218
 Sweetclover seed 219
 White clover seed 221
 Red top seed 222
 Hairy vetch seed 223
 Vetch seed, other than hairy 224
 All other seeds — millet (foxtail),
 bluestem, canarygrass, etc. 225
 (Write name on line in item 3 above.)

4. Commercial fertilizer used on field seeds
 (Do not report fertilizer here if the same
 acreage was reported in Section 10.)

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
235	1	/10	2	/10

Section 12 Were any **VEGETABLES, SWEET CORN, OR MELONS** harvested for sale from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 13 on next page

For Florida, report for the September 1, 1973 through August 31, 1974 harvest season; for all other States report for calendar year 1974. (See separate Instructions for additional guidelines on filling this section.)

1. Sweet corn.
2. Tomatoes
3. Cucumbers and pickles.
4. Watermelons
5. Green peas, including English, excluding green cowpeas
6. Snap beans, bush and pole
7. Other vegetable crops (Enter vegetable name and No. from list below.)

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

Vegetable name _____ No. _____

List additional vegetables harvested for sale on back cover.

Acres harvested ⑦				Acres irrigated	
For fresh market		For processing ⑧			
Whole acres	Tenths	Whole acres	Tenths	Whole acres	Tenths
241	/10	1	/10	2	/10
242	/10	1	/10	2	/10
243	/10	1	/10	2	/10
244	/10	1	/10	2	/10
245	/10	1	/10	2	/10
246	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10

Vegetable name No.
 Artichokes 249
 Asparagus 250
 Beets 251
 Broccoli 252
 Brussels sprouts 253
 Cabbage 255
 Cantaloups and
 Persian melons 256
 Carrots 257
 Cauliflower 258
 Celery 259

Vegetable name No.
 Chicory 260
 Collards 262
 Cowpeas (blackeye and
 other green cowpeas). 263
 Eggplant 265
 Endive 266
 Escarole 267
 Garlic 268
 Honeydew melons 269
 Kale 270
 Lettuce, head 271

Vegetable name No.
 Lettuce, romaine 272
 Lettuce, other 273
 Lima beans 274
 Muskmelons 275
 Mustard greens 277
 Onions, dry 278
 Onions, green 279
 Okra 280
 Peppers, sweet 281
 Peppers, hot 282
 Pimientos 283

Vegetable name No.
 Pumpkins 284
 Radishes 285
 Rhubarb 286
 Shallots 287
 Spinach 288
 Squash 289
 Turnips 290
 Turnip greens 291
 Other vegetables 294
 (Write vegetable name on
 line in item 7 above.)

8. Land used for vegetable crops
 (Report acres only once even
 though two or more crops were
 harvested from the same acres
 or the same acres were
 irrigated or fertilized twice.
 Report all fertilizer used.)

Acres harvested		Acres irrigated		Acres fertilized		Commercial fertilizer used			
						Dry		Liquid or gas	
Whole acres	Tenths	Whole acres	Tenths	Whole acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
299	/10	1	/10	2	/10	3	/10	4	/10

- ⑦ When more than one vegetable crop is harvested from the same acres, report the acres for each crop.
 ⑧ Processing includes canning, freezing, pickling, etc.

Section 13 Was there a **COMBINED TOTAL** of 20 or more fruit trees, including citrus, grapevines, and nut trees on this place in 1974? (Do NOT include abandoned trees or plantings.)

- ☐ YES — Complete this section
☐ NO — Go to Section 14

Report the total acres, acres irrigated, acres fertilized, and the amount of fertilizer used for all fruit trees, grapevines, and nut trees on this place. Acreage in abandoned trees should not be reported in this section but should be reported in Section 18, item 2f, Cropland idle.

1. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees	Acres in trees and vines of all ages		Acres irrigated		Commercial fertilizer used					
	Whole acres	Tenths	Whole acres	Tenths	Acres fertilized		Dry		Liquid or gas	
	301	/10	1	/10	2	/10	3	/10	4	/10

For each item, report the acres and number of trees or vines not yet of bearing age, acres and trees or vines of bearing age and quantity harvested. Trees or vines of bearing age that were not harvested because of low price or damage from hail, frost, etc., should be reported in acres in trees of bearing age. For interplanting or mixed varieties of trees, see separate Instructions. (Also see Instructions for conversion tables, if necessary.)

	Not of bearing age			Bearing age			Quantity harvested (Report tenths where specified)	
	Whole acres	Tenths	Number of trees (or vines)	Whole acres	Tenths	Number of trees (or vines)		
2. Apples, dwarf and semi-dwarf . . .	302	/10	1	2	/10	3	4	Pounds
3. Apples, standard	303	/10	1	2	/10	3	4	Pounds
4. Peaches, clingstone	304	/10	1	2	/10	3	4	Pounds
5. Peaches, freestone	305	/10	1	2	/10	3	4	Pounds
6. Pears, Bartlett	306	/10	1	2	/10	3	4	Pounds
7. Pears, other than Bartlett	307	/10	1	2	/10	3	4	Pounds
8. Cherries, tart	308	/10	1	2	/10	3	4	Pounds
9. Cherries, sweet	309	/10	1	2	/10	3	4	Pounds
10. Grapes ^⑨	310	/10	1	2	/10	3	4	Tons, fresh
							5	Tons, dry
11. Plums	314	/10	1	2	/10	3	4	Tons, fresh
12. Prunes ^⑨	315	/10	1	2	/10	3	4	Tons, fresh
							5	Tons, dry
13. Valencia oranges	320	/10	1	2	/10	3	4	Boxes
14. Navel oranges	321	/10	1	2	/10	3	4	Boxes
15. Temple oranges	322	/10	1	2	/10	3	4	Boxes
16. Other oranges — Hamlin, Pineapple, Parson Brown, etc.	323	/10	1	2	/10	3	4	Boxes
17. Grapefruit	324	/10	1	2	/10	3	4	Boxes

■ For citrus, report quantity harvested in 1973-74 from bloom of 1973.

⑨ Report quantity harvested in either or both units, depending on the way the fruit was sold.

► If you have fruit trees not listed above or nut trees, continue with item 18 at the top of the next page.

Section 13 Continued

18. If you have any fruit trees which were not listed in items 2 through 17, or nut trees, enter crop name and No. in cols. (a) and (b) from the lists below and give the requested information for each item you list. Report quantity harvested in col. (e). In col. (f) indicate the unit in which you measure the crop. If you mark "Boxes," enter the average capacity, in pounds, of the box.

Enter from list below		Not of bearing age (c)			Bearing age (d)			Quantity harvested (e)	Unit of measure Mark (X) one (f)			Average capacity of boxes in pounds (g)
Name (a)	No. (b)	Whole acres	Tenths	Number of trees	Whole acres	Tenths	Number of trees		Lbs.	Tons	Boxes	
			/10	1	2	/10	3	4	5 1	2	3	6
			/10	1	2	/10	3	4	5 1	2	3	6
			/10	1	2	/10	3	4	5 1	2	3	6
			/10	1	2	/10	3	4	5 1	2	3	6
			/10	1	2	/10	3	4	5 1	2	3	6
			/10	1	2	/10	3	4	5 1	2	3	6

● CITRUS CROPS

No.

(Report quantity harvested in
1973—74 from bloom of 1973.)

Kumquats 325
Lemons 326
Limes (1 bushel = 50 lbs.) 327
Tangelos 328
Tangerines and mandarins 329
Other citrus fruit trees 330

● NONCITRUS CROPS

No.

Apricots 331
Avocados (See Instructions) 332
Dates 333
Figs (See Instructions) 334
Mangoes 335
Nectarines 336
Pomegranates 337
Olives 338
Other noncitrus fruit trees 339

● NUT CROPS

No.

Almonds 340
Filberts and hazelnuts 341
Pecans, improved 342
Pecans, wild and seeding 343
Pistachio 344
Tung nuts (in husk) 345
Walnuts (English or Persian) . . . 346
Walnuts, planted black 347
Other nut trees 351

Section 14 Were any NURSERY and GREENHOUSE PRODUCTS, SOD, BULBS, FLOWERS, FLOWER SEEDS, VEGETABLE SEEDS and PLANTS, VEGETABLES under glass or other protection, or MUSHROOMS grown for sale on this place in 1974?

☐ YES — Complete this section

☐ NO — Go to Section 15 on next page

- Nursery products — trees, shrubs, vines, etc.
- Sod harvested
- Bulbs
- Cut flowers, florist greens; and potted, bedding, or other florist plants
- Flower seeds, vegetable seeds, and vegetable plants (Report sweet corn for seed in Section 16.)
- Vegetables, including mushrooms, grown under glass or other protection
 - Tomatoes
 - Cucumbers
 - Lettuce
 - Mushrooms
 - Other vegetables
- Area irrigated (Include items 1 through 6e.)

Area used in 1974	Acres in the open		Value of sales during 1974 ⁽¹¹⁾		
	Square feet under glass or other protection ⁽¹⁰⁾	Whole acres	Tenths	Dollars	Cents
371	1	/10	2		
372	1	/10	2		
373	1	/10	2		
374	1	/10	2		
384	1	/10	2		
385			2		
386			2		
387			2		
388			2		
389			2		
391	1	/10	2		

- Commercial fertilizer used on the crops listed above

Area fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Square feet	Acres	Whole tons	Tenths
399	1	/10	2	/10

⁽¹⁰⁾ Report the greenhouse area only once, even though more than one crop was grown on it, except where flowers and other crops were grown on the same benches or beds. In this case, report the area once for each category. For mushrooms, report caves and other types of growing areas.

⁽¹¹⁾ Estimates are acceptable. Do not include value of products bought for resale without additional growing.

Section 15 Were any **BERRIES** harvested for sale from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 16

1. Strawberries

2. Cranberries

3. Other berries (Enter crop name and No. from list below.)

Crop name _____ No. _____

Crop name _____ No. _____

List additional berry crops harvested for sale on back cover.

Crop name **No.**
 Blackberries and
 dewberries **404**
 Blueberries, tame **405**
 Blueberries, wild **406**

Crop name **No.**
 Boysenberries **407**
 Currants **408**
 Gooseberries **409**

Crop name **No.**
 Loganberries **411**
 Raspberries, red **412**
 Raspberries, black **413**

Crop name **No.**
 Youngberries **414**
 All other berries **415**
 (Write crop name on line
 in item 3 above.)

Acres harvested		Quantity harvested (1 quart = 1 ½ pounds)	Acres irrigated	
Whole acres	Tenths		Whole acres	Tenths
402	/10	1 Pounds	2	/10
403	/10	1 100-lb barrels	2	/10
	/10	1 Pounds	2	/10
	/10	1 Pounds	2	/10

4. Commercial fertilizer used on berries.

Acres fertilized		Dry fertilizer		Liquid or gas fertilizer	
Whole acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
429	/10	1	/10	2	/10

Section 16 Were any **OTHER CROPS** harvested from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 17

1. Popcorn

2. Safflower

3. Sunflower seed

4. Emmer and spelt

5. Mint for oil

6. Broomcorn

7. Other crops (Enter crop name and No. from list below.)

Crop name _____ No. _____

Crop name _____ No. _____

List additional crops harvested on back cover.

Crop name **No.**
 Castor beans **437**
 Chufas for nuts **438**
 Cowpeas hogged or
 grazed or cut for silage. **439**
 Crambe **441**
 Dill for oil. **442**

Crop name **No.**
 Guar **443**
 Hops **444**
 Lentils **445**
 Mungbeans for beans. **446**
 Mustard seed. **447**
 Rapeseed **448**

Crop name **No.**
 Root crops for feed **449**
 Sesame for seed **450**
 Sorghum for sirup **451**
 Soybeans hogged or
 grazed or cut for silage. **452**
 Soybeans plowed under. **453**

Crop name **No.**
 Sweet corn for seed **454**
 Triticale **455**
 Velvetbeans for beans **456**
 Wild rice **457**
 Wormseed oil **458**
 All other crops **459**
 (Write crop name on line
 in item 7 above.)

Acres harvested	Quantity harvested	Acres irrigated	Commercial fertilizer used					
			Acres fertilized	Dry		Liquid or gas		
				Whole tons	Tenths	Whole tons	Tenths	
431	1 Pounds, shelled	2	3	4	/10	5	/10	
432	1 Pounds	2	3	4	/10	5	/10	
433	1 Pounds	2	3	4	/10	5	/10	
434	1 Bushels	2	3	4	/10	5	/10	
435	1 Pounds of oil	2	3	4	/10	5	/10	
436	1 Tons of brush	2	3	4	/10	5	/10	
		2	3	4	/10	5	/10	
		2	3	4	/10	5	/10	

Section 17 Were any **FOREST PRODUCTS** sold from this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to and COMPLETE Section 18

1. Standing timber or trees

2. Firewood and fuelwood

3. Sawlogs and veneer logs

4. Pulpwood

5. Other forest products (bark, bolts, Christmas trees, gum for naval stores, fence posts, maple products, etc.)

Value of sales	
Dollars	Cents
491 \$	
492 \$	
493 \$	
494 \$	
495 \$	

Section 18 LAND USE IN 1974 — COMPLETE THIS SECTION

501

1. Copy acres in "This Place" from Section 3, item 4, page 1 Acres

NOTE: If the same land had more than one use in 1974, REPORT THAT LAND ONLY ONCE — in the first use listed below that applies. For example, cropland that was harvested and pastured is to be reported only as "Cropland harvested."

2. {
- a. Cropland harvested (Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products.)
 - b. Cropland used only for pasture or grazing (Include rotation pasture and grazing land that could have been used for crops without additional improvements.)
 - c. Cropland used for cover crops, legumes, and soil-improvement grasses, but not harvested and not pastured
 - d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)
 - e. Cropland in cultivated summer fallow
 - f. Cropland idle

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

- {
- a. Woodland pastured
 - b. Woodland not pastured

4. Other pastureland and rangeland (Include any pastureland other than cropland and woodland pasture.)

- {
- a. Pastureland and rangeland on which you applied lime, fertilizer, seed, improved by irrigation, drainage, or control of weeds and brush
 - b. Other pastureland and rangeland

5. All other land — Land in house lots, barn lots, ponds, roads, wasteland, etc. (Include any land not reported above.)

6. TOTAL ACRES (Please add the acres reported in items 2a through 5 and enter the total in this space. Should be the same as item 1 above.)

Number of acres	Acres irrigated in 1974
502	1
503	1
505	1
506	1
507	1
509	1
511	
512	
514	1
515	
516	
IN "THIS PLACE"	IRRIGATED
517	1

7. Do you have any grazing permits on a per-head basis? 519
- ☐ YES — Mark (X) all boxes which apply 4 ☐ Other Federal or State
- ☐ NO — Go to Section 19 5 ☐ Other — Specify ☒
- 1 ☐ Forest Service
- 2 ☐ Taylor Grazing (BLM)
- 3 ☐ Indian Land

Section 19 Was any of the LAND in this place IRRIGATED in 1974? ☐ YES — Answer items 1 and 2 below ☐ NO — Answer item 3 below

1. How many acres were irrigated in 1974 by each of these methods?

- a. Furrows or ditches ☐
- b. Flooding ☐
- c. Subirrigation ☐
- d. Self-propelled sprinkler system (center pivot, traveling guns, traveling booms, etc.) ☐
- e. All other sprinkler systems (solid set, move pipe, wheel lines, tow lines, etc.) ☐

None	Acres irrigated in 1974
	523
	524
	525
	526
	527

Estimated quantity of water used in 1974 (See separate Instructions for additional information on estimating quantity of water used.)

2. Please estimate the quantity of water used for irrigation in 1974 (Report in the unit or units of measure most convenient for you.)

- {
- a. Acre-feet (One acre-foot covers one acre, one foot deep).
 - b. Gallons (Pumping capacity per minute X 60 minutes X hours operated in season).
 - c. If acre-feet or gallons cannot be estimated in a or b above, give depth in inches of all water applied

Water used in 1974	
531 Acre-feet	Tenths
	/10
532	
	Gallons
533	
	Total inches

3. If no land was irrigated in 1974, was there any land in this place irrigated at any time in 1970-1973?

- ☐ YES — Complete a and b 535
- ☐ NO — Go to Section 20 on next page 536

- {
- a. What was the most recent year in which acres were irrigated? Year
 - b. How many acres were irrigated in that year? Acres

Section 20 Was any land on this place **ARTIFICIALLY DRAINED**?☐ YES — Complete this section☐ NO — Go to Section 21

1. How many acres in this place were artificially drained? (Include open ditches, underground tile drains, grading for drainage, dikes, or pumping to control water. Exclude drainage solely for the removal of irrigation waste water.) ☐

None

Acres artificially drained

541

2. How many acres were artificially drained by systems installed since January 1, 1974? ☐

542

Section 21 Was any **COMMERCIAL FERTILIZER** applied to **PASTURELAND** on this place in 1974?☐ YES — Complete this section☐ NO — Continue with NOTE below

1. How many acres of **cropland used only for pasture** in 1974 (reported in Section 18, item 2b) were fertilized? ☐
2. How many acres of **other pastureland** in 1974 (reported in Section 18, item 4a) were fertilized? ☐

None

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
551	1	/10	2	/10
552	1	/10	2	/10

NOTE: READ AND ANSWER THIS QUESTION

Did you or anyone else have any livestock, poultry, or animal specialties on this place in 1974? (Include fish raised in captivity.)

☐ YES — Go to Section 22 below☐ NO — Skip to page 13 and

COMPLETE Section 27

Section 22 Were there any **POULTRY** such as **CHICKENS, TURKEYS, DUCKS, etc.,** on this place at any time in 1974?☐ YES — Complete this section☐ NO — Go to Section 23

- Report hatchery operations such as baby chicks, turkey poults, etc., in Section 26.

1. **HENS, PULLETS, ROOSTERS** for table eggs and hatching egg production

- a. **Hens and pullets** of laying age kept for **TABLE** or **MARKET** egg production
- b. **Hens and pullets** of laying age kept for **HATCHING** egg production
- c. **Pullets** 3 months old or older not yet of laying age
- d. **Pullet chicks and pullets** under 3 months old (Exclude commercial broilers.)
- e. **Roosters** and male chickens (all male breeding stock)

2. **BROILERS, fryers, and other meat type chickens, including capons and roasters**

3. **TURKEYS**

- a. **Heavy breed turkeys** for slaughter (Exclude breeders.)
- b. **Light breed turkeys** for slaughter (Exclude breeders.)
- c. **Turkey HENS** kept for breeding (Include both heavy and light breeds.)

4. **OTHER POULTRY** raised in captivity (Enter fowl name and No. from list below.)

Fowl name _____ No. _____

Fowl name _____ No. _____

Fowl name _____ No. _____

List additional poultry on back cover

Fowl name	No.	Fowl name	No.	Fowl name	No.
Ducks	614	Pigeons or squab	616	Quail	618
Geese	615	Pheasants	617	All other poultry	619

INVENTORY Number on this place December 31, 1974	Total number of birds sold in 1974
602	1
603	1
605	1
606	1
607	1
608	1
611	1
612	1
613	1
	1
	1
	1

5. What was the value before taxes and expenses of poultry and poultry products (eggs, etc.) sold from this place in 1974? (Include estimated value of poultry and poultry products moved from this place by contractors or others.)

Value of sales	
Dollars	Cents
629	
\$	

Section 23 Did you or anyone else have any **CATTLE** or **CALVES** on this place in 1974?☐ YES -- Complete this section☐ NO -- Go to Section 24**INVENTORY on December 31, 1974**

1. Cattle and calves of all ages (Total of a, b, c, and d below.)
- a. Beef cows (Include beef heifers that had calved.)
- b. Milk cows (Include dry milk cows and milk heifers that had calved.)
- c. Heifers and heifer calves
(Exclude heifers that had calved.)
- (1) For beef purposes and beef cow replacement.
- (2) For milk cow replacement
- d. Steers, steer calves, bulls, and bull calves

INVENTORY Number on this place December 31, 1974	
631	
632	
633	
634	
635	
636	

CATTLE AND CALVES SOLD from this place in 1974

(Include those fed on "This Place" on a contract or custom basis.
Also, report cattle moved from this place to a feedlot for further
feeding as sold; report both the number and estimated value.
See separate Instructions.)

2. Calves weighing less than 500 pounds. ☐
3. Cattle including calves weighing 500 pounds or more. ☐
- a. Of the total cattle sold, how many were fattened on this place on
grain or concentrates for 30 days or more and sold for slaughter? ☐

None	Total number sold in 1974	Value of sales before taxes and expenses	
		Dollars	Cents
	641	1	
	642	1	
	643	1	
		\$	

DAIRY PRODUCTS SOLD from this place in 1974

- Report goat dairy products in Section 26 when you reach that section.

4. What was the gross value of sales of dairy products (milk, cream, etc.)
from this place in 1974, before taxes and expenses?

Value of dairy products sold	
Dollars	Cents
649	
\$	

Section 24 Did you or anyone else have any **HOGS** or **PIGS** on this place in 1974?☐ YES -- Complete this section☐ NO -- Go to Section 25 on next page**INVENTORY on December 31, 1974**

1. Hogs and pigs of all ages (Total of a and b below.)
- a. Hogs and pigs used or to be used for breeding
- b. Other hogs and pigs

INVENTORY Number on this place December 31, 1974	
651	
652	
653	

LITTERS FARROWED

2. Litters farrowed on this place between --
- a. December 1, 1973 and May 31, 1974 ☐
- b. June 1, 1974 and November 30, 1974 ☐

None	Number of litters
	654
	655

HOGS AND PIGS SOLD

3. Hogs and pigs sold from this place in 1974 ☐
- a. Of the hogs and pigs sold, how many were
sold as FEEDER PIGS for further feeding? ☐

None	Total number sold in 1974	Value of sales before taxes and expenses	
		Dollars	Cents
	656	1	
	657	1	
		\$	

Section 25 Did you or anyone else have any SHEEP or LAMBS on this place in 1974?☐ YES — Complete this section☐ NO — Go to Section 26

1. Sheep and lambs of all ages (Total of a, b, and c below.)

a. Lambs under 1 year old

b. Ewes 1 year old or older

c. Rams and wethers 1 year old or older

INVENTORY Number on this place December 31, 1974	Total number sold in 1974
661	1
662	
663	
664	

2. Sheep and lambs shorn ☐

None	665	Number shorn	1	Pounds of wool shorn
------	-----	--------------	---	----------------------

3. What was the gross value of sales of sheep, lambs, and wool from this place in 1974, before taxes and expenses?

Value of sales	
Dollars	Cents
669	
\$	

Section 26 Did you or anyone else have any OTHER LIVESTOCK or ANIMAL SPECIALTIES on this place in 1974?☐ YES — Complete this section☐ NO — Go to Section 27

1. Horses of all ages (Do not include ponies.)

2. Ponies of all ages

3. Mules, burros, and donkeys of all ages

4. Mink and their pelts

a. Mink females used for breeding

5. Other livestock in captivity, bees, and poultry hatched (Enter name and No. from list below.)

Name _____ No _____

Name _____ No _____

Name _____ No _____

INVENTORY Number on this place Dec 31, 1974	Total number sold in 1974	Value of sales	
		Dollars	Cents
671	1	2	
672	1	2	
673	1	2	
674	1	2	
675			
	1	2	
	1	2	
	1	2	

Other Livestock in Captivity, Bees, and Poultry Hatched

Name No.
Colonies of bees 676
Angora goats 677
Milk goats 678

Name No.
Other goats 679
Rabbits and their pelts 681
Chinchillas and their pelts 682

Name No.
Foxes and their pelts 683
Poultry hatched 684
All other livestock 685

6. Livestock or animal products (Enter name and No. from "List A" below.)

Name _____ No _____

7. Fish in captivity (Enter name and No. from "List B" below.)

Name _____ No _____

Acres under water for fish production	Total quantity sold in 1974	Value of sales	
		Dollars	Cents
	1	2	
	3 — OR — Pounds	\$	
	3 — OR — Gallons	\$	
	1	2	
	3 — OR — Pounds	\$	
	3 — OR — Number	\$	

List A — Livestock Products

Name No.
Mohair sold 687
Goats milk sold 688
Honey sold 689

List B — Fish in Captivity

Name No.
Catfish 691
Trout 692
Other food-type fish 693

Name No.
Tropical fish 694
Other fish 695

► List any additional livestock, livestock products, animal specialties, or fish on back cover.

Section 27 **MACHINERY AND EQUIPMENT on this place on December 31, 1974**

(Include only equipment used for agricultural operations in 1973 or 1974.)

COMPLETE THIS SECTION**Value of ALL machinery and equipment on this place, December 31, 1974**

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.)

Estimated market value	
Dollars	Cents
701	
\$	

SELECTED machinery and equipment on this place, December 31, 1974

(Report only if used in 1973 or 1974.)

2. Automobiles
3. Motortrucks (Include pickups.)
4. Wheel tractors other than garden tractors and motor tillers
5. Crawler tractors
6. Grain and bean combines, self-propelled only
7. Corn heads for combines
8. Other corn pickers and picker-shellers
9. Mower conditioners
10. Pickup balers
11. Windrowers — pull and self-propelled (Exclude side delivery rakes.)
12. Field forage harvesters, shear bar or flywheel type

Total number on this place on December 31, 1974	Of the total, HOW MANY were manufactured in the last 5 years (1970-1974)? (Number)
702	1
703	1
704	1
705	1
706	1
707	1
708	1
709	1
710	1
711	1
712	1

Section 28 **MISCELLANEOUS ITEMS — COMPLETE THIS SECTION**

1. GRAIN STORAGE FACILITIES — Mark (X) one to show the total grain storage capacity, including ear corn, on this place. (Do not include temporary structures.)

- 721
- 1 ☐ None
- 2 ☐ Under 1,000 bushels (Under 25 tons)
- 3 ☐ 1,000-4,999 bushels (25-124 tons)
- 4 ☐ 5,000-9,999 bushels (125-249 tons)
- 5 ☐ 10,000-24,999 bushels (250-624 tons)
- 6 ☐ 25,000-49,999 bushels (625-1,249 tons)
- 7 ☐ 50,000 bushels and over (1,250 tons and over)

2. How many ARTIFICIAL PONDS, PITS, RESERVOIRS, and EARTHEN TANKS are on this place? (Do not report natural lakes, gravel pits, strip mining pits, flooded fields, sewage lagoons, or manure pits.)

None ☐ 722

Number of artificial ponds, pits, etc.

Whole acres	Tenths
723	/10


- a. Area covered when filled to capacity

3. FUTURES MARKET — Did you utilize the commodity futures market in 1974 to hedge sales of any farm commodities which you produce?

724

- 1 ☐ YES — Mark which commodities
- 2 ☐ NO — Go to Section 29 on next page

725

- 1 ☐ Corn (grain)
- 2 ☐ Sorghums (grain)
- 3 ☐ Soybeans (grain)
- 4 ☐ Wheat (grain)
- 5 ☐ Cotton
- 6 ☐ Potatoes
- 7 ☐ Cattle (live)
- 8 ☐ Hogs (live)
- 9 ☐ Other — Specify 

Section 29 Did you have any **CONTRACT** or **BINDING AGREEMENT** to produce or market any farm products on this place in 1974? (Include oral and written agreements made more than 30 days prior to delivery.)

☐ YES — Complete this section

☐ NO — Go to Section 30

1. Mark (X) as many products as you produced and/or marketed under contract.

No.	Product name	No.	Product name	No.	Product name	No.	Product name
1 <input type="checkbox"/>	Broilers	7 <input type="checkbox"/>	Feeder cattle and/or stocker cattle	13 <input type="checkbox"/>	Field and seed corn	19 <input type="checkbox"/>	Fruit, citrus, nuts for fresh market
2 <input type="checkbox"/>	Started pullets			14 <input type="checkbox"/>	Soybeans		
3 <input type="checkbox"/>	Chicken eggs	8 <input type="checkbox"/>	Breeding cattle	15 <input type="checkbox"/>	Wheat	20 <input type="checkbox"/>	Fruit, including citrus, for processing
4 <input type="checkbox"/>	Turkeys	9 <input type="checkbox"/>	Slaughter hogs	16 <input type="checkbox"/>	Cotton	21 <input type="checkbox"/>	Sugar beets
5 <input type="checkbox"/>	Milk and other dairy products	10 <input type="checkbox"/>	Feeder pigs	17 <input type="checkbox"/>	Vegetables for fresh market	22 <input type="checkbox"/>	Other crops, such as hops, popcorn, potatoes, safflower, sugarcane, etc. (Write product name on line A1 below.)
6 <input type="checkbox"/>	Fattened cattle	11 <input type="checkbox"/>	Breeding hogs	18 <input type="checkbox"/>	Vegetables for processing		
		12 <input type="checkbox"/>	Other livestock and/or poultry (Write product name on line A1 below.)				

2. For each product marked above, enter the Name and No. in the column heading where indicated and complete the remaining entries in the column (items B through G) for that product.

		FIRST CONTRACT	SECOND CONTRACT	THIRD CONTRACT	FOURTH CONTRACT
A. Product(s) under contract Enter name and No. from item 1 above					
1. Product name					
2. No.		731	732	733	734
B. Type of contract Mark (X) one of these items for each product under contract	1. Production (12)	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>
	2. Marketing (13)	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Production, including feeding, and marketing	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Other	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
C. Type of contractor Mark (X) one of these items for each product under contract	1. Co-op	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	2. Feed company	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Packer	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Processor	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	5. Other	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>
D. Items furnished by contractor under terms of contract Mark (X) for as many items as apply for each product under contract	1. Feed	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	2. Chicks, pullets, cattle, feeder pigs, etc.	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Seed	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Fertilizer	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	5. Chemicals	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>
	6. Labor	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>
	7. Machinery, equipment, or buildings	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>
	8. Harvesting	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>
	9. Transportation	9 <input type="checkbox"/>	9 <input type="checkbox"/>	9 <input type="checkbox"/>	9 <input type="checkbox"/>
	10. Processing/packing	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	11. Credit	11 <input type="checkbox"/>	11 <input type="checkbox"/>	11 <input type="checkbox"/>	11 <input type="checkbox"/>
	12. Technical assistance	12 <input type="checkbox"/>	12 <input type="checkbox"/>	12 <input type="checkbox"/>	12 <input type="checkbox"/>
	13. Other	13 <input type="checkbox"/>	13 <input type="checkbox"/>	13 <input type="checkbox"/>	13 <input type="checkbox"/>
	14. None	14 <input type="checkbox"/>	14 <input type="checkbox"/>	14 <input type="checkbox"/>	14 <input type="checkbox"/>
E. What percent of the total production of this product was sold under contract?	5 Percent	5 Percent	5 Percent	5 Percent	
F.	1. Amount received from contractor for product covered by contract?	6 Dollars Cents \$	6 Dollars Cents \$	6 Dollars Cents \$	6 Dollars Cents \$
	2. Did this payment represent the total market value of the product?	7 <input type="checkbox"/> Yes <input type="checkbox"/> No	7 <input type="checkbox"/> Yes <input type="checkbox"/> No	7 <input type="checkbox"/> Yes <input type="checkbox"/> No	7 <input type="checkbox"/> Yes <input type="checkbox"/> No
G.	1. Exact price?	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>
	2. Method of determining price?	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Neither price nor method?	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>

(12) Production contracts, including custom feeding, usually specify kind and/or amount of farm product to be produced and may specify variety or breed, operations to be performed during production, or inputs and technical assistance to be supplied by contractor.

(13) Marketing contracts usually specify kind and/or amount of farm product to be delivered but usually do not specify that contractor provides services or supplies or that particular operations or methods be used in production.

Section 30

PAYROLL AND EMPLOYMENT - Did you have any paid workers doing agricultural labor, employees of labor contractors or crew leaders, or other salaried employees working on this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 31

**Please read before
answering items 1, 2,
and 3 below**

Hired farm or ranch workers — In addition to farm workers and paid family members, include such persons as bookkeepers, office workers, maintenance people, etc., whose employment is primarily associated with agricultural production on this place even though they may not be doing agricultural labor. Do not include unpaid family workers or the proprietors or partners of unincorporated places.

Cash wages paid — Report gross payments in 1974 to employees before deductions for Social Security, taxes, insurance premiums, etc. Include all wages, salaries, commissions, paid bonuses, vacation and sick leave pay. Do not include room and board, house rent, or other items paid in kind.

For each of the following groups, report how many hired farm or ranch workers were employed and the amount of cash wages paid to them.

1. Of the hired farm or ranch workers, how many worked—

a. 150 days or more?

b. 25–149 days?

c. Less than 25 days?

2. Contract workers hired through a crew leader or contractor

a. What was the cost of contract labor?

b. How many workers did the contractor furnish? (Estimate if necessary.)

3. Salaried corporation officers

a. If this operation is incorporated, how many corporation officers were salaried in 1974?

b. What was the amount paid?

Number of workers	Cash wages paid	
	Dollars	Cents
751	1	
	\$	
752	1	
	\$	
753	1	
	\$	
	754	
	\$	
755		
756		
	757	
	\$	

Section 31

INJURIES AND ILLNESSES CONNECTED WITH FARM OR RANCH WORK — Were there any work connected injuries that required more than first aid treatment, or work connected illnesses or death to workers on this place in 1974?

(Do not include deaths, injuries, or illnesses to employees of contractors.)

- ☐ YES — Complete this section
☐ NO — Go to Section 32 on next page

1. Non-fatal injuries and illnesses

a. How many workers had injuries or illnesses without lost workdays?

b. How many workers had injuries or illnesses with lost workdays?

(1) How many days were lost as a result of all injuries and illnesses?

2. Number of deaths

Operator and unpaid family workers	Hired workers and paid members of operator's family
761	1
Workers	Workers
762	1
Workers	Workers
763	1
Days	Days
764	1
Number	Number

Section 32 Were any **INSECTICIDES, HERBICIDES, FUNGICIDES, OTHER PESTICIDES, LIME, or OTHER CHEMICALS** used on this place in 1974?

- ☐ YES — Complete this section
☐ NO — Go to Section 33

Include any of these materials paid for by you, your landlord, or contractors. If custom applied, report only estimated cost of material. Cost of applying should be reported in Section 34, item 9. For each item listed, **report acres only once**, but report cost of all such materials used on these acres in 1974. If multipurpose chemicals were used, report acreage treated for each purpose and allocate cost of materials.

	Number of acres on which used	Cost of chemicals (Do not include cost of applying)	
		Dollars	Cents
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control —			
a. Insects on hay crops (alfalfa, timothy, etc.)	771	1	
b. Insects on other crops (corn, other grain, cotton, tobacco, potatoes, trees, vines, etc.)	772	1	
c. Nematodes in crops	773	1	
d. Diseases in crops and orchards (blights, smuts, rusts, etc.)	774	1	
e. Weeds or grass in crops (Include both pre-emergence and post emergence.)	775	1	
f. Weeds or brush in pasture.	776	1	
g. Weeds on all other land (fence rows, ditch banks, road sides, etc.)	777	1	
2. Chemicals for defoliation or for growth control of crops or thinning of fruit.	778	1	
3. Expenditures for insect control on livestock and poultry, including treatment of buildings.	779		
4. Lime (Do not include land plaster or gypsum or lime for sanitation.) 781 Tons	782	1	
5. Other chemicals (excluding fertilizer), such as lime for sanitation, pesticides used for rodent and bird control, etc.	783		
6. TOTAL CHEMICAL COST (Add dollars for items 1a through 5 and enter total here and in Section 34, item 10.)	784		

Section 33 **FARM CREDIT**

1. **DEBTS SECURED BY REAL ESTATE** — Were there any real estate mortgages, deeds of trust, or land purchase contracts on farm land and buildings owned and operated by you? (If you rent land to others, see separate Instructions.)

☐ YES — Answer a, b, and c ☐ NO — Go to item 2 ☐ No land owned — Go to item 2

	Amount (principal only) owed December 31, 1974	
	Dollars	Cents
a. Amount owed to a Federal Land Bank, The Farmers Home Administration, an insurance company, a commercial or savings bank, and/or a production credit association.	791	
b. Amount owed to a savings and loan association, mortgage investment company, and/or other financial institution not covered above	792	
c. Amount owed to individual(s) from whom you bought part or all of the property or to others (secured by mortgage, deed of trust, land purchase contract, etc.)	793	

2. **DEBTS NOT SECURED BY REAL ESTATE** — Were any chattel mortgages, sales contracts, or unsecured notes owed by you on December 31, 1974, for operating this farm or ranch business?

☐ YES — Answer a, b, and c ☐ NO — Go to Section 34

	Amount (principal only) owed December 31, 1974	
	Dollars	Cents
a. Amount owed to a commercial or savings bank, a production credit association, The Farmers Home Administration, and/or other lending agencies	795	
b. Amount owed to business firms or farm suppliers (machinery dealer, feed dealer, fuel supplier, fertilizer dealers, etc., or their finance agencies).	796	
c. Amount owed to relatives and other individuals.	797	

Section 34**Production EXPENSES paid by you and others for this place in 1974****COMPLETE
THIS
SECTION**

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products on this place. DO NOT INCLUDE expenses connected with performing customwork off this place, operation of non-farm activities, businesses or services, and household expenses not related to the farm business.

				Production expenses	
				Dollars	Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, poult, started pullets, etc.				801	
			\$		
2. Total feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc. (Total dollars for a, b, c, and d below.)				802	
			\$		
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)	803	Tons	Tenths	Dollars	Cents
			/10	\$	
b. Ingredients purchased — such as soybean meal, cottonseed meal, urea, etc., millfeeds or other milling byproducts (Do not include whole grains.)	804		/10	\$	
c. Whole grains purchased — such as corn, oats, barley, grain sorghum, wheat, rye, etc. (Include cracked grain. Do not include millfeeds or other milling byproducts, or green chop.)	805		/10	\$	
	806		/10	\$	
d. Hay, green chop, silage, etc.			/10	\$	
3. Animal health costs for livestock and poultry (Include veterinarian services, serums, vaccines, tonics, medicines, etc.)				807	
				\$	
4. Seeds, bulbs, plants, and trees purchased				808	
				\$	
5. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum (Report custom application costs in item 9 below.)				809	
				\$	
6. 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. (Total dollars for a, b, c, and d below.)				811	
				\$	
a. Gasoline for the farm business.	812	Storage capacity for farm use (Gallons)	Estimated expenditures for farm use in 1974		
			Dollars	Cents	
b. Diesel fuel for the farm business.	813		1		
			\$		
c. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon)	814		1		
			\$		
d. Motor oil, grease, piped gas, kerosene, and fuel oil for the farm business	815		\$		
			\$		
7. Hired farm labor (Add dollars reported in Section 30, items 1 a, 1 b, and 1 c, and enter total here.)				821	
				\$	
8. Contract labor (Copy dollars reported in Section 30, item 2 a.)				823	
				\$	
9. Machine hire and customwork (Include expenditures for this place for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc.)				824	
				\$	
				826	
				\$	
10. Agricultural chemicals purchased (Copy dollars reported in Section 32, item 6.)				827	
				\$	
11. All other production expenses (Include OTHER current operating expenses such as depreciation, taxes, interest, cash rent, insurance, repairs, electricity, purchase of water, etc., for the farm business.)				829	
				\$	
12. TOTAL PRODUCTION EXPENSES including expenses paid by landlords, contractors, or others (Add dollars in items 1 through 11 and enter total here.) →				\$	

Section 35 **Value of AGRICULTURAL PRODUCTS SOLD from this place in 1974, before taxes and expenses** (See separate Instructions.)

COMPLETE THIS PAGE

Report your best estimates of the value for each of the following groups of products sold from this place. Include value of landlord's and/or contractor's share, estimating if necessary.

		Estimated value of products sold	
		Dollars	Cents
1. Grains — corn for grain, small grains, soybeans for beans, grain sorghums, cowpeas for peas, dry beans, and dry peas		832	
		\$	
2. Cotton and cottonseed		833	
		\$	
3. Tobacco		834	
		\$	
4. Field seeds, hay, forage, and silage		835	
		\$	
5. Vegetables, sweet corn, and melons (Do not include Irish potatoes and sweetpotatoes.)		836	
		\$	
6. Other field crops — peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, popcorn, mint for oil, hops, etc. — Specify _____		837	
		\$	
7. Fruits, nuts, and berries — apples, berries, citrus, grapes, peaches, pecans, pears, pineapples, etc.		838	
		\$	
8. Nursery and greenhouse products sold (Add dollars reported in Section 14, items 1 through 6e and enter the total here.)		839	
		\$	
9. Forest products sold (Add dollars reported in Section 17 and enter the total here.)		849	
		\$	
10. Poultry and poultry products, broilers, other chickens, eggs, ducks, turkeys, etc. (Copy dollars reported in Section 22, item 5.)		852	
		\$	
11. Cattle and calves sold (Add dollars reported in Section 23, items 2 and 3 — do NOT include item 3a — and enter the total here.)		853	
		\$	
12. Dairy products — milk, cream, etc. (Copy dollars reported in Section 23, item 4. Report goat dairy products in item 15 below.)		854	
		\$	
13. Hogs and pigs sold (Copy dollars reported in Section 24, item 3.)		855	
		\$	
14. Sheep, lambs, and wool (Copy dollars reported in Section 25, item 3.)		856	
		\$	
15. Other livestock, horses, mules, fur-bearing animals, bees, honey, goat dairy products, mohair, etc. (Add dollars reported in Section 26, items 1 through 7, and enter the total here.)		857	
		\$	
16. TOTAL VALUE OF PRODUCTS SOLD including value of landlord's and/or contractor's share (Add dollars entered in items 1 through 15 and enter total here.)		859	
		\$	

Section 36 **INCOME AND EXPENSES from FARM-RELATED SOURCES IN 1974**
Part A — INCOME FROM FARM-RELATED SOURCES

Report amount received before taxes and expenses.

		Farm-related income	
		Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others—plowing, planting, spraying, harvesting, preparation of products for market, etc. (If custom-work is a separate business, see separate Instructions.)	None <input type="checkbox"/>	871	
		\$	
2. Recreational services — providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place	<input type="checkbox"/>	872	
		\$	
3. Payments you received for participation in Government farm programs (Do not include redeemable loans.)	<input type="checkbox"/>	873	
		\$	
4. Gross cash rent or share payments received from renting out farm land or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.)	<input type="checkbox"/>	874	
		\$	
5. Other business or source of income which is conducted on or CLOSELY RELATED to the AGRICULTURAL OPERATIONS on this place — Specify kind _____	<input type="checkbox"/>	875	
		\$	

Part B — EXPENSES FOR FARM-RELATED INCOME SOURCES

		Farm-related expenses	
		Dollars	Cents
6. For farm-related income sources reported in items 1 through 5 above, enter the total estimated expenses paid by you and others in 1974 (Include all operating expenses, depreciation, taxes, interest, insurance, etc. Do not include expenses already reported in Section 34.)	None <input type="checkbox"/>	876	
		\$	

Section 37 TYPE OF ORGANIZATION, OPERATOR CHARACTERISTICS, and related information**COMPLETE THIS PAGE****■ Part A — Type of Organization**

1. Mark (X) the one box which best describes the way this place was operated in 1974.

- 901 1 ☐ INDIVIDUAL or FAMILY operation (sole proprietorship),
excluding partnership and corporation
- 2 ☐ PARTNERSHIP operation, including family partnerships 902
(See separate Instructions.) — Enter number of partners . . .
- 3 ☐ CORPORATION, including family corporations — Skip to Section 38
- 4 ☐ OTHER, such as cooperative, estate or trust, prison farm, grazing association,
Indian reservation, etc. — Specify type then skip to Section 38

Complete Parts B and C
below**■ Part B — Farm Operator Characteristics and Related Information for Individual, Family, or Partnership Operations**

1. **Residence** — Where does the operator, 903 1 ☐ On this place
person in charge, or senior partner of
this farm or ranch operation live?
Not on this place { 2 ☐ On another farm
3 ☐ In a rural area, not on a farm
4 ☐ In a city, town, or urban area

2. What was the earliest year the operator 904
(or senior partner, if partnership) began
to operate any part of this place? Year

3. How old is the operator (or senior 905
partner, if partnership)? Years old

4. Operator's race — 906 1 ☐ White 4 ☐ Mexican American 5 ☐ Japanese
Mark (X) appropriate box 2 ☐ Negro or Black Chicano Chinese
3 ☐ American Indian Mexican (Mexicano) Filipino
Cuban
Central or South
American
Other Spanish 11 ☐ Other —
Specify what race 7

5. **Principal Occupation** — At what occupation did the operator spend 907 1 ☐ Farming
the majority (50 percent or more) of his work time in 1974?
(For partnerships, consider all members of the partnership together.) 2 ☐ Other

6. **Off-Farm Work** — How many
days did each member of the
family work OFF the place
in 1974? (Include work at a
nonfarm job, business,
profession, or on someone
else's farm. Do not include
exchange farm work.)

[Mark (X) one for each
applicable line]

- a. Operator or senior partner. 911
b. Spouse. 912
c. Other. 913
d. Other. 914

None	1-49 days	50-99 days	100-149 days	150-199 days	200 days or more
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>

■ Part C — Family Income from Off-Farm Sources in 1974(Report amount you and members of your family received in 1974 from the following sources.
For partnership operations, the report should be for the senior partner and his family.)

1. Operation of a non-farm-related business (not reported in Section 36) or
professional practice (Report NET after expenses.) ☐
2. Cash wages, salaries, commissions, and tips from all jobs
(Report amount before deducting taxes.) ☐
3. Interest, dividends, or royalties ☐
4. Federal Social Security, pensions, retirement pay, veterans payments, annuities, unemploy-
ment insurance, workmen's compensation, and old age and other public assistance. ☐
5. Rental income of nonfarm property (Report NET after deduction of expenses.) ☐

Income from off-farm sources	
Dollars	Cents
921 \$	
922 \$	
923 \$	
924 \$	
925 \$	

Section 38 PERSON COMPLETING THIS REPORT**PLEASE
PRINT**

Name	Date	Telephone
	931 Month Day	932 Area Code Number

Enter remarks on back cover.

INSTRUCTION SHEET FOR FORM 74-A1

1974 CENSUS OF AGRICULTURE

INFORMATION AND INSTRUCTIONS TO HELP YOU FILL OUT YOUR REPORT

Please remove this sheet and keep it handy for reference while filling out the report. Additional help may be found in copies of the Farm Census Guide, which should be available for reference at U.S.D.A. County offices and other locations in your area. Do NOT return these instructions with your filled out report.

GENERAL INFORMATION

- ▶ **(1) Who Should Complete This Form** — All persons receiving this form, including landlords, tenants, partnerships, corporations, institutions, and others should complete the first sections. Most people will need to complete the rest of the form. However, some will be able to skip most of it. Follow the directions at the end of Section 2.
- ▶ **(2) If You Have Multiple Farming Operations** — A census report form should be filled out for each separate and distinct production unit. For example, if you are the sole proprietor of one agricultural operation, the senior partner in an agricultural partnership, and manager of a third agricultural operation, three separate census reports should be filled out and returned by you. A separate report should be made for each agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which you maintain separate records of operating expenses and sales, livestock and other inventories, machinery and equipment, and crop acreages and production. If you need more forms, please let us know.
- ▶ **(3) If You Don't Have Multiple Farming Operations and You Received Two or More Census of Agriculture Report Forms** — Complete only one form for your place. If you received both a green form (74-A1) and a brown form (74-A2) fill out the green form. Tear off the front covers of any extra forms received, write "Duplicate" beside the extra addresses, and return the covers with your completed report so we can correct our address list.

INSTRUCTIONS AFTER YOU'VE COMPLETED SECTION 3

Now that you've completed Section 3, please read the following instructions.

- ▶ **(4) Complete the Rest of This Form** — if you reported an acreage in Section 3, item 4, and had agricultural operations on that land. Read the instructions beginning with "More General Information" if you need help. Mail the completed form back in the return envelope provided. (Do NOT return this Instruction Sheet.)
- ▶ **(5) Do Not Complete The Rest of The Form if —**
 - ▶ EITHER ◀
 - (a) You reported an acreage in Section 3, item 4 but had no agricultural operations in 1974 on the land.
 - ▶ OR ◀
 - (b) All of your land was operated by a renter or sharecropper. (The entry in Section 3, item 4 should be "0" in most cases.) Your renter or sharecropper should have received a report form also and he is required to report the agricultural operations on the land he rents from or works on shares for you. You may be able to help him fill out his report.
 - ▶ OR ◀
 - (c) Your only involvement with the agricultural activity was a financial investment and Section 3, item 4 is "0." The operator of that activity will receive a report form to fill out.

If you are not required to complete the rest of the form—PLEASE—

- (1) Tear off the front cover and page one;
- (2) Write a brief explanatory note on the cover describing why you are not a farm operator such as: "Sold farm in 1973," "No crops or livestock," "All land rented out," "Not a farm operator — only have financial interest in some cattle;" and
- (3) Mail back the two torn-off sheets in the return envelope found in the centerfold.

MORE GENERAL INFORMATION

- ▶ **(6) Partnership Operations** — For partnerships, the senior partner should fill out one report form for the entire partnership farming operation. If members of the partnership operate farms on their own, in addition to the partnership, separate reports should be filled out for each individual place. If members of the farming partnership, other than the senior partner, received report forms and they had no farming operations of their own, they should tear off the cover, write a brief explanation such as "Senior partner has filled out report for partnership — I have no other farming operations of my own," and mail it back to us in the return envelope.
- ▶ **(7) Landlord's or Contractor's Share** — If you rented or leased land or had a contract for the production of agricultural products, be sure to include on your report the landlord's or contractor's share of the production, sales, and expenses, so your Census report will be complete for "This Place."
 - If you do not know the landlord's or contractor's share, include your BEST ESTIMATE.
- ▶ **(8) The Same Report Form Is Used For All States Except Hawaii.** Because it is meant for use in all parts of the country, it contains sections which may not apply in your area or to your operation. For these, you can simply mark the "No" box and go to the next section.
- ▶ **(9) Filling Out the Report Form** — There are a few rules that will help us if you follow them.

(a) All money figures may be entered in whole dollars. Cents are not required.

(b) Enter whole numbers except where tenths are asked for. Where you have 1/2 or 1/4 or 1/3 of an acre or ton, convert these to tenths. For instance, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

(c) Enter replies in the proper space, on the correct line, and in the units requested; i.e., dollars, bushels, tons, etc. Some conversion methods are shown on the report form or in the instructions under the appropriate section number.

(d) If you do not have exact figures, give your best estimates.

(e) A section answered by an "X" in the "No" box is finished. Go to the next section indicated.

INSTRUCTIONS FOR SPECIFIED SECTIONS

▶ Section 3 — Acreage in 1974

The purpose of Section 3 is to establish the land for which you are to report agricultural operations. Report all agricultural land operated by the addressee in 1974—cropland, woodland, pastureland, wasteland, and any other land—not just planted land. Report for all separate pieces of land that are included in this operation, regardless of location.

Market value refers to what you think the land and buildings would sell for under present market conditions.

Item 1 — Land Owned — Include all land associated with agricultural operations in 1974, whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — Land Rented (or Leased) FROM OTHERS — Report here any land you rented FROM OTHERS for cash or equivalent or a share of the crops or livestock or used rent free, regardless of whether the landowner supplied any equipment, fertilizer, or other materials or supervised your work. Also include Federal and State land rented or leased by the acre, but not land used on a per-head or animal-unit basis.

Item 3 — Land Rented (or Leased) TO OTHERS — Report here any land rented TO OTHERS for cash or other consideration or that was worked for you by someone else for a share of the crops or livestock. Include all agricultural land which you owned (or rented from others) but did not use in 1974 because it was rented, leased, or used by others in 1974. Do not include land rented to others for only part of the year if you used it for agricultural operations for the other part.

Item 4 — Acres in "This Place" — This is the land you owned in 1974 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 it is the net acreage to which the remainder of the form applies, the "Acres in This Place." That is, your report should cover only the operations on the net acreage as reported in item 4.

▶ Sections 5-16 — Crops

Do not include in your report any crops on land which you rented or leased to others or which was worked on shares by others in 1974. Your report should include only those crops grown on the "Acres in This Place," as reported in Section 3, item 4.

For each applicable crop or group of crops, report the area harvested.

An example of how to report crops harvested. — A farmer planted 100 acres of field corn. He harvested 80 acres, getting 7,000 bushels of shelled corn. He irrigated 20 acres and cut them for silage; he estimated the production at 400 tons. He turned his cattle into the 100 acres after the harvest and let them graze. All 100 acres were fertilized using 17-3/4 tons of dry fertilizer. His entries on the Census report are shown in the following illustration.

Section 5 — Was any FIELD CORN harvested for any purpose from this place in 1974?

☒ YES — Complete this section • Report sweet corn in Section 12 and popcorn in Section 16 when you reach these sections

☐ NO — Go to Section 6

Acres harvested	Quantity harvested	Acres irrigated
101 80	7,000 Bushels (shelled)	2
102 20	400 Tons (green weight)	
103		
Acres harvested	Dry fertilizer	Liquid or gas fertilizer
104 100	17 3/4 Tons	
4. Commercial fertilizer used on field corn		

No provision is made for reporting acres grazed after harvest. Since letting the cattle graze was a secondary use of land already harvested, the farmer **did not** have to make any entry in item 3.

Quantity harvested — Report in the units specified. If your records show a different unit than printed on the form, please convert to the unit shown. A choice of two units is provided for some crops.

Commercial fertilizer — Report the total number of acres fertilized in 1974 and the total tons and tenths of tons (including filler), used on all applications. Report anhydrous ammonia in the "Liquid or gas" column.

Interplanted crops and "skip-row" planting — If you grew two crops in alternate strips in the same field at the same time, or one crop in a "skip-row" pattern, for each crop report the portion of the field used for that crop.

► Section 12 — Vegetables

Acres are to be reported for fresh market and/or for processing. If a vegetable crop was harvested for **both** purposes, prorate the acreage on the basis of the production for each use. For example, 2 tons of tomatoes were picked for fresh market from a 5-acre field; later the same 5 acres were picked and the 8 tons of tomatoes harvested went for processing. Since 2/10 of the production was for fresh market and 8/10 for processing, report 1 acre (2/10 X 5) for fresh market and 4 acres (8/10 X 5) for processing. If you don't know what use was made of the vegetables, report them under the purpose for which you think they were used.

► Section 13 — Fruit

If trees or vines are interplanted, estimate the area covered by each kind of fruit.

Approximate Box Weight — Pounds Per Box

State	All Oranges*	Grapefruit	Tangerines	Lemons
Arizona	75	64	75	76
California	75	65	75	76
Florida	90	85	95	90
Texas	90	80	95	90
Other States	90	85	95	90

*Includes Temples and Tangelos

Avocados — Quantity harvested — In California report for the period October 1, 1973 to September 30, 1974. In Florida report for the period July 1, 1974 to about February 28, 1975.

Figs — Report quantity harvested in dry weight. In California 3 lbs. fresh = 1 lb. dry. Other States 4 lbs. fresh = 1 lb. dry.

► Section 18 — Land Use in 1974

All acres included in this place (see entry in Section 3, item 4) should be accounted for. If any acreage was devoted to more than one specified land use during 1974, report the acreage only on the line for the first item which fits. (For example, 10 acres harvested for wheat for grain and subsequently pastured — report the 10 acres only in item 2a, Cropland harvested.)

► Section 19 — Irrigation

Report the estimated quantity of water used in the unit of measure most convenient for you.

Acre-feet — Many irrigation districts show amount of water delivered to their users in acre-feet on their bills. If you do not know the acre-feet of water used but have an estimate of average acre-feet used per acre, obtain the total acre-feet by multiplying the average times the number of acres irrigated.

Gallons — Irrigators pumping from their own wells may estimate total gallons used by multiplying the pumping capacity for the pump times minutes in the hour (60), times hours pumped per day, times days pumped per season during 1974. For example, a 100 gal/minute pump was pumped an average of 20 hours per day for a season of 96 days. One hundred gal/minute times 60 minutes, times 20 hours pumped per day, times 96-day season = 11,520,000 gallons.

Total inches — When a sprinkler system is used, it may be simpler to estimate the total depth in inches of all water applied during the season.

► Sections 22-26 — Livestock and Poultry

Animals to be included in the report — Report all animals on the place on December 31, 1974 **owned by you or kept by you** for others. Include animals on unfenced land, grazing on national forest land, grazing on district land or cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis (such as wheat pasture). Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place."

Animals to be excluded from the report — Do not report any animals on land rented to others in 1974. Your report should include only animals on the "Acres in This Place" as reported in Section 3, item 4, except as noted above.

Number sold — Report all animals sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place for sale in 1974.

Sales from contract and custom feeding operations — Include animals (including poultry fed under contract) fed on this place on a contract or custom basis if they were removed from the place in 1974.

Animals bought and sold — Do **not** include animals bought and resold within 30 days. Such purchases and sales are considered to be "dealer" transactions and should not be reported.

Fat cattle sales — Do not include on the fattened cattle line:

- (a) Veal calves which were fattened primarily on milk, or
- (b) Dairy cows fed only the usual dairy ration before being sold, or

(c) Cattle and calves that have been fed on grain or concentrates and sold for further feeding.

Value of sales — Be sure to report the total value of sales without deducting cost of feed, cost of livestock purchased, cost of hauling and selling, and so forth. If the sales price or value is not known, give your best estimate of their value when they left this place.

Animals sold from another place — Do not report the value of sales of animals owned by you but held 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.

Animals moved to another place — For animals removed from your place to a feedlot for feeding, give your best estimate of their market value when they left this place.

Sheep and lambs shorn — In the first answer space report the number shorn, in the second answer space report the total weight in pounds, grease basis, of all wool obtained in 1974, whether from one or two shearings.

► Section 28 — Miscellaneous Items

Futures market — Report those commodities you bought or sold (or bought and sold) through a commodity exchange as a hedge against crops produced on this place. Do not report transactions in any commodities not grown on the place. For example, if you bought or sold both wheat and cotton through a commodity exchange and wheat was grown on the place but no cotton, mark only the box opposite wheat.

► Section 29 — Contracts

Many farm products are produced and marketed under a contract or binding agreement between the farm operator (producer) and the person who buys or uses the farm product. It may be a production contract, a marketing contract, or a combination of both.

Production contracts usually specify the kind and/or amount of farm product to be produced and may specify variety or breed, the operations to be performed during production, and the inputs and technical assistance to be supplied by the contractor. **Marketing contracts** usually specify the kind and/or amount of farm product to be delivered but usually do not specify the particular operations or methods to be used in production.

For each product under contract, report the type of contract. Co-op contractors should include production contracts with cooperative processors. Do not include contracts made by you for services (customwork, hauling, etc.) or to produce farm items for you wherein you are the purchaser rather than the supplier of the products.

If a 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.

► Section 33 — Farm Credit

Item 1 — Debts Secured by Real Estate — Do not include debt on land and buildings rented to or from others. If you owned a farm, with a debt on it, and rented part of it to others or had worked on shares, report (estimate) only the part of the debt that relates to the part operated by you.

Item 2 — Debts Not Secured by Real Estate — Do not report: (1) debts on nonagricultural property such as cotton gins, canning factories, sugar mills, motels, stores, etc.; (2) price support loans owed to the Commodity Credit Corp.; (3) your landlord's share of any debts; or (4) charge accounts that are paid in full monthly (debts owed for less than 30 days).

► Section 36 — Income and Expenses from Farm-Related Sources

Items 1, 2, and 5 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on this place, and which you do not consider as entirely separate from your farming activities. **Report gross amount received before taxes and expenses.**

Do not report income or expenses for customwork or agricultural services provided for others if operated as an entirely separate business from your agricultural operations. The net amount should be reported in Section 37 — Family Income from Off-Farm Sources (Part C, item 1).

► Section 37 — Type of Organization

Individual or family operation (sole proprietorship) — Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are **not** incorporated and **not** operated under a partnership agreement.

Partnership operations — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife do not necessarily mean that a partnership exists unless there is some agreement as to sharing contributions, decision making, profits, and liabilities.

Corporation, including family corporations — Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does **not** include cooperatives.

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

FORM 74-A2 (10-1-74)

OMB No. 41-574065 Approval Expires December 31, 1975

U.S. DEPT. OF COMMERCE
Social and Economic Statistics
Administration
BUREAU OF THE CENSUS

1974 CENSUS OF AGRICULTURE

PLEASE remove the envelope and Instruction Sheet from the center of this booklet and . . . **KEEP THEM HANDY.**

EXPLANATIONS AND INSTRUCTIONS are provided all through the form with more detail in the Instruction Sheet you have removed from the center of this report. Use them — **they will help.**

A Message from the Director of the Bureau of the Census...

January 2, 1975

Dear Friend:

It's time for the 1974 Census of Agriculture, and we need your help.

Please fill out this report and return it in the envelope provided.

This is a most important census. Many changes have occurred in agriculture since 1969 when the last census was taken. It is important to you that these changes be measured and understood by other farmers and ranchers as well as by those who serve you and them.

Your answers are needed and are **COMPLETELY CONFIDENTIAL**, as spelled out in the Notice at the right of this letter.

Please fill out your report and send it back right away. We'll appreciate it very much.

Sincerely,



VINCENT P. BARABBA
Director
Bureau of the Census

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

NOTE: If you correspond with us regarding your report, please use the Census File Number shown in the address block on the booklet cover.

Complete this report
and **RETURN TO**



BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, Indiana 47130

Section 1 Did you receive more than one report form?

- ☐ YES — See separate Instructions
☐ NO — Go to Section 2

Enter extra file
number(s) here

Section 2 FARMING, RANCHING, OR OTHER AGRICULTURAL ACTIVITIES IN 1974


- | | YES | NO |
|--|----------------------------|----------------------------|
| 1. At any time in 1974 did you raise, produce, or sell ANY amount of any of the items listed below? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Crops • Hay, pasture, sod • Vegetables, melons, mushrooms • Fruits, nuts, berries, and citrus • Cattle (including feedlots) • Hogs, sheep, goats, horses • Poultry, eggs • Dairy products • Forest products on farms • Greenhouse and nursery products • Fish in captivity • Fur-bearing animals in captivity • Other animal specialties | | |
| 2. Did you at any time in 1974 raise or produce any agricultural products for contractors such as feed companies, processors, or packers? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 3. Did you raise or produce any agricultural products for others or with others under a partnership, share arrangement, or other rental agreement in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 4. Did you own any land that was used by someone else for agricultural purposes in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |
| 5. Did you own any livestock or poultry that was cared for by someone else under a share agreement or custom arrangement in 1974? | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> |

► If you answered YES to ANY of these questions, go to Section 3.

► If you answered NO to ALL five of these questions, tear off this front cover and mail it back to us in the envelope provided.

Section 3 ACREAGE in 1974 and LAND VALUE

Include all cropland, pastureland, rangeland, woodland, wasteland, idle land, house lots, etc.

1. ALL land owned. ☐
2. ALL land rented or leased FROM OTHERS, including land worked on shares; leased Federal, State, and railroad land; and land used rent free. (Do NOT include land used on a per-head basis under a grazing permit.) . . . ☐
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. ☐
4. **TOTAL ACRES IN "THIS PLACE"** ^① (Please ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented to others (item 3), and enter your answer in this space.) 

^① "THIS PLACE" means your farm or ranch, feedlots, poultry houses, greenhouses, and/or any other agricultural operations.

None

Number of acres	Your estimate of the current market value of these acres and the buildings on them	
	Dollars	Cents
040	1 \$	
050	1 \$	
060	1 \$	
070	These are the ACRES in "THIS PLACE" ^① for this census report	

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

Name	Address (No. and street, city, State, ZIP code)	Number of acres	Rental arrangements in 1974 Mark (X) all that apply			
			Share of crops	Share of livestock or products	Cash as rent	Other arrangements
		081	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		082	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		083	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

List additional landlords on back cover

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

Name	Address (No. and street, city, State, ZIP code)	No. of acres
		085
		086
		087

List additional renters on back cover

7. Of the land you rented or leased from others (item 2 above), how many acres did you subrent or sublease to others? (Include land rented or leased by you which was worked on shares by others.) ☐

None

Number of acres	Current market value
088	1 \$

PLEASE READ

You may be able to skip most of this form if —

- a. All the land you owned or rented was worked on shares or rented to someone else.
 b. There were no crops or livestock in 1974 on the acres in "THIS PLACE" (item 4 above).
 c. The land you operated prior to 1974 has been sold to someone else.

If a, b, or c apply to your operation, please read the Instructions before continuing with this report.

Section 4 LOCATION OF AGRICULTURAL ACTIVITY

1. In what county was the largest value of your agricultural products raised or produced? (Enter county name, State, and number of acres on the "Principal county" line. If you have agricultural operations in any other county(ies), enter the county name(s), etc., on the lines provided for "Other counties.")

	County name	State	No. of acres
Principal county			091
Other counties			092
			093
			094

2. Location of place within principal county entered above. (Give name of township, district, precinct, etc., or Township — Range numbers.)

Name of location

CENSUS
USE
ONLY

015
014
013
012
011
010

Section 5 CROPS HARVESTED FOR ANY PURPOSE FROM THIS PLACE IN 1974

Report all crops harvested. Include crops grown under contract. Be sure to include landlord's share.

	None	Acres harvested	Quantity harvested
1. Field corn for grain or seed (Report quantity on a shelled basis in either bushels or hundredweight . 70 lbs. ear corn or 56 lbs. shelled corn = 1 bushel shelled corn.)	<input type="checkbox"/>	101	1 Bushels shelled 6 — OR — Hundredweight shelled
2. Field corn for silage, cut for green chop or dry fodder, hogged or grazed (Do not include acres already reported in item 1.)	<input type="checkbox"/>	104	
3. Sorghums or milo for grain or seed (Report quantity harvested in either bushels or pounds .)	<input type="checkbox"/>	111	1 Bushels 6 — OR — Pounds
4. Sorghums for silage, cut for green chop, dry forage or hay, or hogged or grazed (Do not include acres already reported in item 3.)	<input type="checkbox"/>	115	
5. Soybeans for beans	<input type="checkbox"/>	121	1 Bushels
6. Peanuts for nuts	<input type="checkbox"/>	122	1 Pounds
7. Wheat for grain	<input type="checkbox"/>	130	1 Bushels
8. Other small grains for grain — oats, barley for rye, rice, etc. — Specify	<input type="checkbox"/>	136	
9. Cotton	<input type="checkbox"/>	151	1 Bales
10. Tobacco — all types	<input type="checkbox"/>	152	1 /10 Pounds
11. Irish potatoes (excluding home use)	<input type="checkbox"/>	153	1 /10 Hundredweight
12. Sweetpotatoes (excluding home use)	<input type="checkbox"/>	154	1 /10 Bushels
13. Hay — all kinds except sorghum hay (Include grain hay, grass silage, wild hay, etc. If two or more cuttings were made from the same land, REPORT ACRES ONLY ONCE, but report total tons of all cuttings.)	<input type="checkbox"/>	170	1 Tons, dry
14. Vegetables, sweet corn, or melons for sale	<input type="checkbox"/>	240	1 /10
15. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages (Include land on which the fruit crop failed. Do not include abandoned acreages or plantings.) — Specify	<input type="checkbox"/>	301	1 /10
16. Berries for sale — Specify	<input type="checkbox"/>	401	1 /10
17. All other crops (Include field seeds; sugar crops; nursery products; flowers, etc., grown in the open; sod; etc.) — Specify	<input type="checkbox"/>	430	1 /10

18. If any greenhouse products were sold, how many square feet were under glass or other protection?

Square feet:
460

Section 6 LAND USE IN 1974

The purpose of this section is to distribute all acres in "THIS PLACE" among items 1 through 5.

► **NOTE:** If the same land had more than one use in 1974, REPORT THAT LAND ONLY ONCE — in the first use that applies. For example, cropland that was harvested and pastured is to be reported only as "Cropland harvested."

1. Cropland harvested (Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products. If two crops were harvested from the same land in 1974, report the acres only once.)
2. Cropland used only for pasture or grazing
3. All other cropland (Include cropland used for soil-improvement crops, crop failure, cultivated summer fallow, and idle cropland.)
4. Woodland (Include woodland pasture.)
5. All other land (Include pastureland other than cropland and woodland pasture, rangeland, and land in house lots, barn lots, ponds, roads, wasteland, etc.)
6. **TOTAL ACRES IN "THIS PLACE"** (Please add the acres reported in items 1 through 5 and enter the total in this space.)
(This total should be the same as the total in Section 3, item 4.)

Number of acres	
502	
503	
504	
510	
513	
517	

7. How much of the total land reported in item 6 was IRRIGATED in 1974?

528	Acres irrigated
-----	-----------------

Section 7 LIVESTOCK AND POULTRY

Be sure to report all livestock and poultry on this place on December 31, 1974, no matter who owned them. Include as sold all livestock and poultry fed on a contract or custom basis and taken from this place in 1974.

	None	INVENTORY Number on this place December 31, 1974	Number sold in 1974
1. Hens and pullets of laying age (Exclude started pullets being raised for sale.)	<input type="checkbox"/>	601	1
2. Any other chickens 3 months old or older (roosters, started pullets, etc.)	<input type="checkbox"/>	604	1
3. Broilers, fryers, and other meat-type chickens (including capons and roasters)	<input type="checkbox"/>	608	1
4. Cattle and calves of all ages.	<input type="checkbox"/>	631	1
a. Beef cows (Include beef heifers that had calved.)	<input type="checkbox"/>	632	
b. Milk cows (Include dry milk cows and milk heifers that had calved.)	<input type="checkbox"/>	633	
5. Hogs and pigs of all ages	<input type="checkbox"/>	651	1
a. Of the total sold, how many were sold as FEEDER PIGS for further feeding?	<input type="checkbox"/>		2
b. Litters of pigs farrowed on this place between —	None	Number of litters	
(1) December 1, 1973 and May 31, 1974	<input type="checkbox"/>	654	
(2) June 1, 1974 and November 30, 1974	<input type="checkbox"/>	655	
6. Sheep and lambs of all ages	<input type="checkbox"/>	661	1
7. Horses and ponies of all ages.	<input type="checkbox"/>	670	1
8. Other livestock and poultry — goats, mules, fur-bearing animals, turkeys, ducks, geese, colonies of bees, poultry hatched, fish in captivity except at fish hatcheries, etc.	<input type="checkbox"/>	698	1
Specify what kind _____		699	1

Section 8 **MACHINERY AND EQUIPMENT on this place on December 31, 1974**

(Include only equipment used for agricultural operations in 1973 or 1974.)

■ Value of ALL machinery and equipment on this place, December 31, 1974

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.)

Estimated market value:	
Dollars	Cents
701	
\$	

■ SELECTED machinery and equipment on this place, December 31, 1974

(Report only if used in 1973 or 1974.)

2. Automobiles
3. Motortrucks (Include pickups.)
4. Wheel tractors other than garden tractors and motor tillers
5. Crawler tractors
6. Grain and bean combines, self-propelled only
7. Corn heads for combines
8. Other corn pickers and picker-shellers
9. Mower conditioners
10. Pickup balers
11. Windrowers — pull and self-propelled (Exclude side delivery rakes.)
12. Field forage harvesters, shear bar or flywheel type

Total number on this place on December 31, 1974	Of the total, HOW MANY were manufactured in the last 5 years (1970-1974)? (Number)
702	1
703	1
704	1
705	1
706	1
707	1
708	1
709	1
710	1
711	1
712	1

Section 9 **Production EXPENSES paid by you and others for this place in 1974**

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products on this place. DO NOT INCLUDE expenses connected with performing customwork off this place, operation of non-farm activities, businesses or services and household expenses not related to the farm business.

1. Livestock and poultry purchased—cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, poults, started pullets, etc.
2. Total feed purchased for livestock and poultry—grain, hay, silage, mixed feeds, concentrates, etc.
- a. Commercially mixed formula feeds purchased — complete, supplement, concentrates (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea).
3. Seeds, bulbs, plants, and trees purchased.
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum (Report custom application costs in item 8.)
5. 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.
6. Hired farm labor
7. Contract labor
8. Machine hire and customwork (Include expenditures for this place for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, silo filling, spraying, dusting, fertilizing, drying, etc.)
9. Agricultural chemicals purchased (Include lime, insecticides, etc. Exclude fertilizer.)
10. All other production expenses (Include other current operating expenses such as depreciation, taxes, interest, cash rent, insurance, repairs, electricity, purchase of water, etc., for the farm business.)
11. TOTAL PRODUCTION EXPENSES including expenses paid by landlords, contractors, or others (Add dollars for items 1 through 10 and enter total here.)

Tons	Tenths	Dollars	Cents
803	1		
	/10	\$	

Production expenses	
Dollars	Cents
801	
\$	
802	
\$	
808	
\$	
809	
\$	
811	
\$	
821	
\$	
823	
\$	
824	
\$	
826	
\$	
827	
\$	
829	
\$	

Section 10 Value of AGRICULTURAL PRODUCTS SOLD from this place in 1974 before taxes and expenses

Report your best estimates of the value of each of the following groups of products sold from this place. Include value of landlord's and/or contractor's share, estimating if necessary.

		Estimated value of products sold	
		Dollars	Cents
1. Crops and hay sold (Do not include nursery and greenhouse products.)	\$	831	
2. Nursery and greenhouse products sold	\$	839	
3. Forest products sold — firewood, fuelwood, fenceposts, sawlogs, Christmas trees, gum for naval stores, standing timber or trees, maple products, etc.	\$	849	
4. Poultry and poultry products (eggs, etc.) sold	\$	852	
5. Livestock and livestock products (milk, wool, etc.) sold	\$	858	
6. TOTAL VALUE OF PRODUCTS SOLD including value of landlord's and/or contractor's share (Add dollars entered in items 1 through 5 and enter total here.)	\$	859	

Section 11 INCOME AND EXPENSES from FARM-RELATED SOURCES IN 1974

■ Part A — INCOME FROM FARM-RELATED SOURCES

(Report amount received before taxes and expenses.)

		Farm-related income	
		Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, see Instructions.)	<input type="checkbox"/>	871	
2. Recreational services — providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place	<input type="checkbox"/>	872	
3. Payments you received for participation in Government farm programs (Do not include redeemable loans.)	<input type="checkbox"/>	873	
4. Gross cash rent or share payments received from renting out farm land or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.)	<input type="checkbox"/>	874	
5. Other business or source which is conducted on or CLOSELY RELATED to the AGRICULTURAL OPERATIONS on this place — Specify kind _____	<input type="checkbox"/>	875	

■ Part B — EXPENSES FOR FARM-RELATED INCOME SOURCES

		Farm-related expenses	
		Dollars	Cents
6. For farm-related income sources reported in items 1 through 5, enter the total estimated expenses paid by you and others in 1974 (Include all operating expenses, depreciation, taxes, interest, insurance, etc. Do NOT include expenses already reported in Section 9.)	<input type="checkbox"/>	876	

Section 12 FARM OPERATOR CHARACTERISTICS

- 903
1. Where does the operator, person in charge, of this farm or ranch live?
- 1 ☐ On this place
- Not on this place — { 2 ☐ On another farm
3 ☐ In a rural area, not on a farm
4 ☐ In a city, town, or urban area

2. Year operator began to operate any part of this place 904 _____ Year

3. Operator's age 905 _____ Years old

4. Operator's race — 906 1 ☐ White 4 ☐ Mexican American 5 ☐ Japanese
Mark (X) appropriate box 2 ☐ Negro or Black Chicano Chinese
3 ☐ American Indian Mexican (Mexicano) Filipino
Puerto Rican
Cuban 11 ☐ Other —
Central or South American Specify what race →
Other Spanish

5. Principal Occupation — At what occupation did the operator spend the majority (50 percent or more) of his work time in 1974? (For partnerships, consider all members of the partnership together.) 907
- 1 ☐ Farming
2 ☐ Other

6. Number of days operator worked off this place in 1974 (Include work at a nonfarm job, business, or profession, or on someone else's farm. Do not include exchange farm work.) — Mark (X) the appropriate box. 911
- 1 ☐ None 4 ☐ 100–149 days
2 ☐ 1–49 days 5 ☐ 150–199 days
3 ☐ 50–99 days 6 ☐ 200 days or more

7. Was the income which you and your family received from work off the farm and from other sources greater than the total value of agricultural products sold from this place in 1974? 920
- 1 ☐ Yes
2 ☐ No

8. Person preparing this report

PLEASE PRINT

Name	Date		Telephone	
	931 Month	Day	932 Area code	Number

REMARKS — Please write your remarks on the outside back cover where we can more readily see and respond to them if required.

INSTRUCTION SHEET FOR FORM 74-A2

1974 CENSUS OF AGRICULTURE

INFORMATION AND INSTRUCTIONS TO HELP YOU FILL OUT YOUR REPORT

Please remove this sheet and keep it handy for reference while filling out the report. Additional help may be found in copies of the Farm Census Guide, which should be available for reference at U.S.D.A. County offices and other locations in your area. Do NOT return these instructions with your filled out report.

GENERAL INFORMATION

► **(1) Who Should Complete This Form** — All persons receiving this form, including landlords, tenants, partnerships, corporations, institutions, and others should complete the first sections. Most people will need to complete the rest of the form. However, some will be able to skip most of it. Follow the directions at the end of Section 2.

► **(2) If You Have Multiple Farming Operations** — A census report form should be filled out for each separate and distinct production unit. For example, if you are the sole proprietor of one agricultural operation, the senior partner in an agricultural partnership, and manager of a third agricultural operation, three separate census reports should be filled out and returned by you. A separate report should be made for each agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which you maintain separate records of operating expenses and sales, livestock and other inventories, machinery and equipment, and crop acreages and production. If you need more forms, please let us know.

► **(3) If You Don't Have Multiple Farming Operations and You Received Two or More Census of Agriculture Report Forms** — Complete only one form for your place. If you received both a green form (74-A1) and a brown form (74-A2) fill out the green form.

Tear off the front covers of any extra forms received, write "Duplicate" beside the extra addresses and return the covers with your completed report so we can correct our address list.

INSTRUCTIONS AFTER YOU'VE COMPLETED SECTION 3

Now that you've completed Section 3, please read the following instructions.

► **(4) Complete the Rest of This Form** if you reported an acreage in Section 3, item 4, and had agricultural operations on that land. Read the instructions beginning with "More General Information" if you need help. Mail the completed form back in the return envelope provided. (Do NOT return this Instruction Sheet.)

► **(5) Do Not Complete The Rest of The Form if —**

► EITHER ◀

(a) You reported an acreage in Section 3, item 4, but had no agricultural operations in 1974 on the land.

► OR ◀

(b) All of your land was operated by a renter or sharecropper. (The entry in Section 3, item 4 should be "O" in most cases.) Your renter or sharecropper should have received a report form also and he is required to report the agricultural operations on the land he rents from or works on shares for you. You may be able to help him fill out his report.

► OR ◀

(c) Your only involvement with the agricultural activity was a financial investment and Section 3, item 4 is "O." The operator of that activity will receive a report form to fill out.

If you are not required to complete the rest of the form—PLEASE —

(1) Tear off the front cover and page one;

(2) Write a brief explanatory note on the cover describing why you are not a farm operator such as: "Sold farm in 1973," "No crops or livestock," "All land rented out," "Not a farm operator — only have financial interest in some cattle," and

(3) Mail back the two torn-off sheets in the return envelope found in the centerfold.

MORE GENERAL INFORMATION

► **(6) Partnership Operations** — For partnerships, the senior partner should fill out one report form for the entire partnership farming operation. If members of the partnership operate farms on their own, in addition to the partnership, separate reports should be filled out for each individual place. If members of the farming partnership, other than the senior partner, received report forms and they had no farming operations of their own, they should tear off the cover, write a brief explanation such as "Senior partner has filled out report for partnership — I have no other farming operations of my own," and mail it back to us in the return envelope.

► **(7) Landlord's or Contractor's Share** — If you rented or leased land or had a contract for the production of agricultural products, be sure to include on your report the landlord's or contractor's share of the production, sales, and expenses, so your Census report will be complete for "This Place."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE.

► **(8) Filling Out the Report Form** — There are a few rules that will help us if you follow them.

(1) All money figures may be entered in whole dollars. Cents are not required.

(2) Enter whole numbers except where tenths are asked for. Where you have 1/2 or 1/4 or 1/3 of an acre or ton, convert these to tenths. For instance, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

(3) Enter replies in the proper space, on the correct line, and in the units requested; i.e., dollars, bushels, tons, etc.

(4) If you do not have exact figures, give your best estimates.

INSTRUCTIONS FOR SPECIFIED SECTIONS

► Section 3 — Acreage in 1974

The purpose of Section 3 is to establish the land for which you are to report agricultural operations. Report all agricultural land operated by the addressee in 1974—cropland, woodland, pastureland, wasteland, and any other land—not just planted land. Report for all separate pieces of land that are included in this operation, regardless of location.

Market value refers to what you think the land and buildings would sell for under present market conditions.

Item 1 — Land Owned — Include all land associated with agricultural operations in 1974, whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate by you and/or your spouse; or by the partnership, corporation, or organization for which you are reporting.

Item 2 — Land Rented (or Leased) FROM OTHERS — Report here any land you rented FROM OTHERS for cash or equivalent or a share of the crops or livestock or used rent free, regardless of whether the landowner supplied any equipment, fertilizer, or other materials or supervised your work. Also include Federal and State land rented or leased by the acre, but not land used on a per-head or animal-unit basis.

Item 3 — Land Rented (or Leased) TO OTHERS — Report here any land rented TO OTHERS for cash or other consideration or that was worked for you by someone else for a share of the crops or livestock. Include all agricultural land which you owned (or rented from others) but did not use in 1974 because it was rented, leased, or used by others in 1974. Do not include land rented to others for only part of the year if you used it for agricultural operations for the other part.

Item 4 — Acres in "This Place" — This is the land you owned in 1974 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 it is the net acreage to which the remainder of the form applies, the "Acres in This Place." That is, your report should cover only the operations on the net acreage as reported in item 4.

► Section 5 — Crops

Do not include in your report any crops on land which you rented or leased to others or which was worked on shares by others in 1974. Your report should include only those crops grown on the "Acres in This Place," as reported in Section 3, item 4.

For each applicable crop or group of crops, report the area harvested. Notice that items 1 through 9 and 13 ask for whole acres, while items 10, 11, 12, 14, 15, 16, and 17 ask for acres and tenths, and item 18 should be reported in square feet.

Quantity harvested — Report in the units specified. If your records show a different unit than printed on the form, please convert to the unit shown. A choice of two units is provided for corn and sorghums.

Interplanted crops and "skip-row" planting — If you grew two crops in alternate strips in the same field at the same time, or one crop in a "skip-row" pattern, for each crop report the portion of the field used for that crop.

► Section 6 — Land Use in 1974

All acres included in this place (see entry in Section 3, item 4) should be accounted for. If any acreage was devoted to more than one specified land use during 1974, report the acreage only on the line for the first item which fits. (For example, 10 acres harvested for wheat for grain and subsequently pastured—report the 10 acres only in item 1, Cropland harvested.)

► Section 7 — Livestock and Poultry

Animals to be included in the report — Report all animals on the place on December 31, 1974 **owned by you** or **kept by you** for others. Include animals on unfenced land, grazing on national forest land, grazing on district land or cooperative grazing association land, or rangeland administered by the Bureau of Land Management. Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place."

Animals to be excluded from the report — Do not report any animals on land rented to others in 1974. Your report should include only animals on the "Acres in This Place" as reported in Section 3, item 4, except as noted above.

Number sold — Report all animals sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place for sale in 1974.

Sales from contract and custom feeding operations — Include animals (including poultry fed under contract) fed on this place on a contract or custom basis if they were removed from the place in 1974.

► Section 9 — Production Expenses

Report costs incurred for items and services received during 1974 whether or not payment has been made. If you are a tenant farmer or a part-owner, you should report expenditures by landlords for agricultural operations on this place as well as your own expenditures. If you rent part of your land to others, you should report only that money spent for agricultural operations on land you used during 1974 — "Acres in This Place." Estimate the cost of items furnished by contractors.

► Section 10 — Value of Agricultural Products Sold

The items in this section relate to the agricultural production for the "Acres in This Place." Report the value of all products sold or removed from this place in 1974. Do not deduct any production costs. Include the value of a landlord's or contractor's share.

Report the total gross value of all crops sold from this place in 1974 regardless of the year they were produced, and the value of all poultry, livestock, and their products sold from this place during 1974. Include the full value of any shares given to or sold for landlords and others in payment for services or products, any products raised and sold under contract, any products sold from this place by members of the family of the person in charge of the place, crops sold in the field; crops harvested by the processor; and crops shipped to a central market.

Do not deduct any cost or expenses incurred in producing these products.

Crops sold — Include the value of any grains or other agricultural commodities placed or to be placed under Commodity Credit Corporation loan or seal and any share given to or sold for landlords and others.

Poultry and livestock sales — If there are entries in the "number sold" column for any items in Section 7, there should be an entry in item 4 and/or 5.

For livestock, poultry, and poultry products produced under contract, report the total market value (estimate if necessary) of those sold or removed from "This Place."

Landlords — If you rent land to others and also operate land yourself, report only those products sold from the part of your land that you operate as your place. Do **not** include crops, animals, or other farm products produced by cash tenants, share tenants, sharecroppers, or renters.

► Section 11 — Income and Expenses from Farm-Related Sources

Items 1, 2, and 5 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on this place, and which you do not consider as entirely separate from your farming activities. **Report gross amount received before taxes and expenses.**

Do not report income or expenses for customwork or agricultural services provided for others if operated as an entirely separate business from your agricultural operations.

► Section 12 — Farm Operator Characteristics

Report this information for the person who is responsible for the agricultural activities on this place. Normally, this is the person who does the work or directly supervises the work. He may be an owner, tenant, sharecropper, etc.

For partnerships, report information for the partner mainly in charge, or if in doubt, report for the eldest.

GENERAL

► (1) If additional forms are needed, write to the —

**Bureau of the Census
Agriculture Branch
1201 East Tenth Street
Jeffersonville, Indiana 47130**

► (2) To avoid unnecessary follow-ups, please complete the form and return it as soon as possible. Response to this inquiry is required by law (Title 13, U.S. Code).