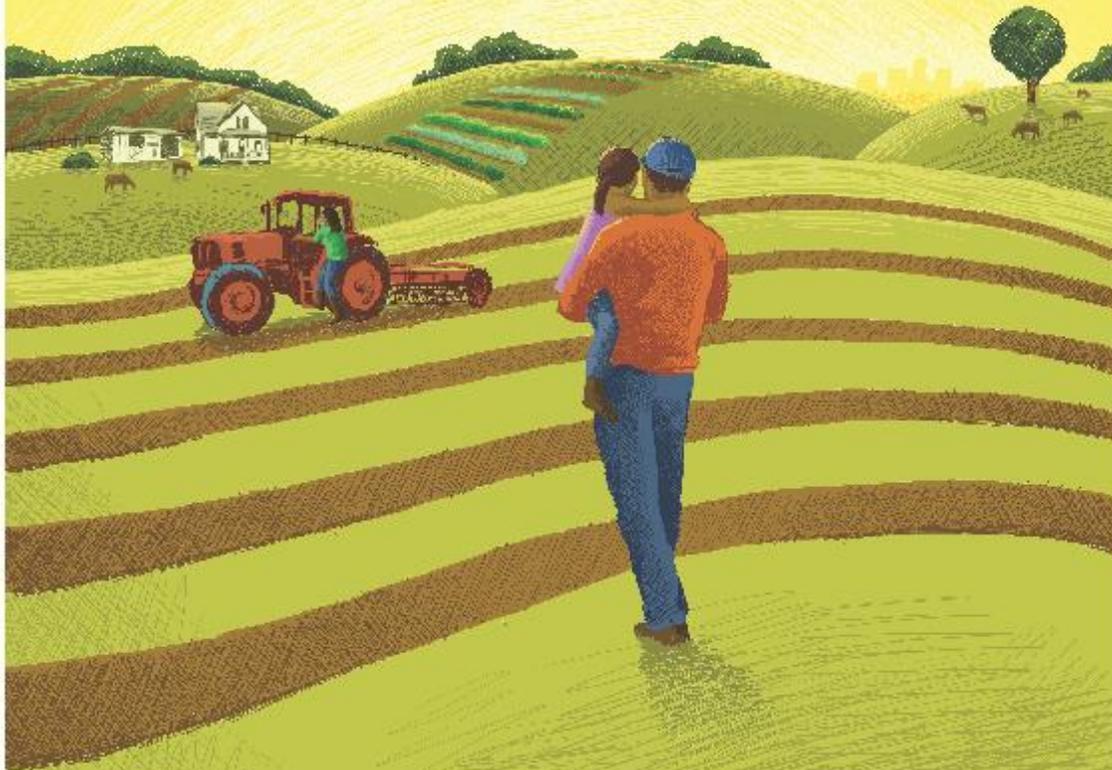


2017 | **CENSUS OF AGRICULTURE**
YOUR VOICE. YOUR FUTURE. YOUR OPPORTUNITY.

Report Form Guide



UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

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2017 CENSUS OF AGRICULTURE

Report Form Guide

Issued November 2017

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INTRODUCTION

This *Report Form Guide* provides detailed information and examples on how to complete the 2017 Census of Agriculture report form. It is intended to serve as a supplement to the instructions that are provided on the report form and the instruction sheet (see Appendix A) that are enclosed with every report form mail packet.

The first agricultural census was conducted in 1840 and history shows us that most farmers and ranchers are cooperative in supplying the information needed. Many of the questions on the report form are not difficult to answer; however, some questions may require the respondent to reference their records or to give an estimate when the exact answer is unknown or not readily available. An estimate is always encouraged rather than leaving a section or question blank.

A few farmers and ranchers may not have received a report form because we do not have their correct address or because they only recently started farming and, as a result, their names do not appear on our mailing list. Anyone who produced crops or livestock or received government payments associated with agricultural activity at any time during 2017 and did not receive a report form by February 1, 2018, should call 1-888-424-7828. Telephone operators will collect the name, address, and phone number associated with the operation, review the mail list, and collect the data for the operation so it may be added. Data collected from the agricultural operation will be included in statistical summaries. As with all information collected by the United States Department of Agriculture, National Agricultural Statistics Service (NASS), federal law requires individual answers are kept confidential.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex (including gender identity and expression), marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC 20250-9410, or call toll free (866) 632-9992 (English) or (800) 877-8339 (TDD) or (800) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal relay). USDA is an equal opportunity provider and employer.

GENERAL INFORMATION

A census of agriculture is taken to measure agricultural activity and productivity for each county and state of the United States. A national census of agriculture was first taken in 1840 and was conducted every 10 years thereafter until 1920. Since 1982, the Census of Agriculture has been conducted on a 5-year cycle for years ending in 2 and 7.

The 2017 Census of Agriculture is the 29th federal census of agriculture and the fifth conducted by the United States Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS). It covers land use, net income, operator and operation characteristics, production and sales of agricultural products during 2017, inventory of livestock, poultry, and other animals as of December 31, 2017, and many other farm-related items.

The enumeration of all farms and ranches requires the identification of individual reporting units called operations. For census purposes, "THIS OPERATION" refers to the farm, ranch, or other agricultural activity controlled or operated by the person, farm, or business indicated on the cover page of the report form. The decisions as to who the operator is and what acreage to include in this operation can be made by reviewing the name and address area and completing section 1, ACREAGE IN 2017, items 1 through 4 of the report form. The acreage in this operation, as defined for the census, may not always be the same as the acreage used by other agencies in considering or counting farms and ranches for other purposes.

For census purposes, the decision maker is the person(s), such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business in 2017. This may have been accomplished by either doing the work or directly supervising the work. In the event of multiple operators, the principal operator is either the person regarded by the other operators as the one making the majority of the decisions or the oldest operator. The operator may have worked land they owned, land rented for cash from others, acreage rented on a crop-share basis, land operated rent free, or land operated under a combination of several such arrangements. For the most part, terms and definitions for the census are similar to those in common use. However, to obtain consistent data from the census, when differences in terms or definitions exist, census terms and definitions in this *Report Form Guide* should be used. If a satisfactory explanation is not provided, call the toll-free help line at 1-888-424-7828 for assistance.

Every report form (even those sent to individuals no longer farming or not associated with agriculture) needs to be accounted for and should be returned in the envelope enclosed with the mail package to:

Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

If a person is in doubt as to whether the report form pertains to them, a form should be completed and mailed in the return envelope with notes explaining the status of the operation. There may be situations that are not adequately covered in existing instructions. In such cases, a description of the situation should be written on the report form. This will enable NASS staff to make proper decisions regarding the data. Notes about any unusual situations are helpful. If a note is written on a separate piece of paper, include the first 11 digits of the Survey Code located above the bar code in the address

area on the cover page of the report form. These numbers are needed in case the sheets become separated from the report form. A toll-free help line (1-888-424-7828) is also available to respondents Monday through Friday to help answer any questions.

LEGAL REQUIREMENT

Response to the 2017 Census of Agriculture is required by law under Title 7, United States Code. By the same law, a census report is kept confidential and used only for statistical purposes. The strict enforcement of the confidentiality provisions of the law receives major emphasis in every phase of NASS operations. Only sworn employees have access to the individual reports. The census publications provide no information about an individual farm operation. Under the same law, individual farm data cannot be given to any representative of the federal, state, or local Government or non-government agency for any purpose.

WHO IS REQUIRED TO COMPLETE AN AGRICULTURE CENSUS REPORT FORM?

A reply is needed from EVERYONE who receives a report form, including persons who operated a farm, ranch or other agricultural operation in 2017, as well as those who were not involved in agriculture. If you had no agricultural activity during 2017, this should be noted on the form, and the form returned.

All persons receiving a census report form, including landlords, tenants, partnerships, corporations, institutions, and others, should complete the acreage questions (items 1, 2, 3, and 4) of section 1. Answers to these questions determine whether there is acreage in this operation. If acreage is reported in item 4, it is necessary to complete the remaining sections of the report form for this operation. See section 1 instructions in this *Report Form Guide* for additional information on this subject.

WHY ACCURATE REPORTS ARE IMPORTANT

The data reported on the census forms are compiled and published by various classifications for counties, states, and the United States. The statistical totals are available to the public as a basis for more efficient and effective decision making.

Census of agriculture statistics are used as benchmarks for annual crop and livestock estimates. Service agencies that work with farmers and ranchers use census data as an aid in distributing their products and services. Much of the statistical data used in farm-oriented publications and by farm organizations are based primarily on census of agriculture data. Congress uses the data when considering farm legislation. USDA agencies use the data to study trends and emerging issues in agriculture. In some cases, federal and state funds are allocated among the counties based on census data. Therefore, it is very important that data for each county be as complete and accurate as possible.

When farmers count their cattle, record crop yields, track fertilizer applications, etc., they are taking a census of their farming activities and productivity. Farmers realize that their results must be accurate and complete. In a like manner, NASS is taking a count of agricultural production and resources for 2017.

SECTIONS BY THE GENERAL FORM, SHORT FORM, HAWAII FORM AND AMERICAN INDIAN FORM

Sections	General Form (long form) 17-A100	Short Form 17-A200	Hawaii Form 17-A101	American Indian form 17-A300
Acreage In 2017	Section 1, Page 2	Section 1, Page 2	Section 1, Page 2	Section 1, Page 2
Land Use in 2017	Section 2, Page 3	Section 2, Page 3	Section 2, Page 3	Section 2, Page 4
Land Rented or Leased from Others for Cash	Section 3, Page 4	Section 3, Page 4	Section 3, Page 4	
Land Use Practices	Section 4, Page 4	Section 4, Page 4	Section 4, Page 4	Section 3, Page 5
Crop Insurance and Government Programs	Section 5, Page 5	Section 6, Page 5	Section 5, Page 5	Section 17, Page 15
Type of Organization	Section 6, Page 5	Section 7, Page 5	Section 6, Page 5	Section 4, Page 5
Personal Characteristics	Section 7, Page 6	Section 8, Page 6	Section 7, Page 6	Section 5, Page 6
Hay and Forage Crops	Section 8, Page 8	Section 10, Page 9	Section 9, Page 8	Section 7, Page 8
Cultivated Christmas Trees, Short Term Woody Crops and Maple Syrup	Section 9, Page 8	Section 13, Page 11	Section 8, Page 8	Section 15, Page 14
Field Crops	Section 10, Page 9	Section 9, Page 8	Section 13, Page 12	Section 6, Page 8
Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials	Section 11, Page 10	Section 13, Page 11	Section 10, Page 9	Section 15, Page 14
Vegetables, Potatoes, and Melons	Section 12, Page 11	Section 13, Page 11	Section 11, Page 10	Section 8, Page 9
Fruits, Nuts, and Berries	Section 13, Page 12	Section 13, Page 11	Section 12, Page 11	Section 15, Page 14
Cattle and Calves	Section 14, Page 13	Section 12, Page 10	Section 14, Page 13	Section 11, Page 11
Hogs and Pigs	Section 15, Page 14	Section 13, Page 11	Section 15, Page 14	Section 10, Page 10

Horses, Ponies, Mules, Burros and Donkeys	Section 16, Page 14	Section 11, Page 9	Section 16, Page 14	Section 12, Page 12
Sheep and Goats	Section 17, Page 15	Section 13, Page 11	Section 17, Page 15	Section 9, Page 10
Aquaculture	Section 18, Page 15	Section 13, Page 11	Section 18, Page 15	Section 15, Page 14
Poultry	Section 19, Page 16	Section 13, Page 11	Section 19, Page 16	Section 13, Page 12
Colonies of Honey Bes	Section 20, Page 17	Section 13, Page 11	Section 20, Page 17	Section 14, Page 13
Other Livestock and Livestock Products	Section 21, Page 17	Section 13, Page 11	Section 21, Page 17	Section 14, Page 13
Production Contracts and Custom Feeding	Section 22, Page 18	Section 17, Page 13	Section 22, Page 18	Section 15, Page 14
Organic Agriculture	Section 23, Page 19	Section 17, Page 13	Section 23, Page 19	Section 15, Page 14
Practices	Section 24, Page 19	Section 17, Page 13	Section 24, Page 19	Section 3, Page 5
Food Marketing Practices	Section 25, Page 20	Section 14, Page 11	Section 25, Page 20	Section 18, Page 15
Fertilizers, Chemicals, and Soil Conditioners Applied	Section 26, Page 20	Section 15, Page 12	Section 26, Page 20	Section 22, Page 18
Renewable Energy	Section 27, Page 21	Section 17, Page 13	Section 27, Page 21	Section 19, Page 16
Machinery and Equipment	Section 28, Page 21	Section 16, Page 12	Section 28, Page 21	Section 23, Page 19
Farm Labor	Section 29, Page 21	Section 5, Page 4	Section 29, Page 21	Section 16, Page 14
Production Expenses	Section 30, Page 22	Section 18, Page 14	Section 30, Page 22	Section 20, Page 17
Market Value of Land, Buildings, Machinery, and Equipment	Section 31, Page 23	Section 19, Page 15	Section 31, Page 23	Section 24, Page 19
Income From Farm Related Sources	Section 32, Page 23	Section 20, Page 15	Section 32, Page 23	Section 21, Page 18
Agricultural Activity Within the borders of American Indian Reservations, Pueblos and Service Areas	Section 33, Page 24	Section 21, Page 16	Not Applicable	Section 1, Page 3
Conclusion	Section 34, Page 24	Section 22, Page 16	Section 33, Page 24	Section 25, Page 20

THE REPORT FORM

The remainder of the Report Form Guide will reference the General Form (17-A100) only.

COMMON REPORTING PROBLEMS

Five major reporting problems have frequently caused difficulties in collecting complete and accurate information for the census. These include:

1. **Landlords reporting for tenants** - For landlords, report land operated by tenants or sharecroppers only in section 1, item 3, as "Number of acres RENTED or LEASED TO OTHERS." Crops grown, livestock raised, farm labor, and expenditures for the land rented to others should not be reported on the landlord's report. In cases where land is rented from others, used rent free, or worked on shares for others, the tenant or sharecropper is the operator and should receive and complete their own report form. The tenant's or renter's report form includes the land rented from and/or worked on shares for one or more landlords. The entries on the tenant's report form for crops harvested, value sold, and number and value of livestock products should include the landlord's shares, as well as the tenant's shares. Separate report forms should be filed by each tenant or sharecropper.

2. **Comparing total acres of cropland harvested with the sum of the acres of each individual crop harvested** - The total of all crop acreage from sections 8 through 13 should be equal to or greater than the acreage reported for cropland harvested in section 2, item 1a.

The sum of crop acres harvested can be greater than the acreage of cropland harvested when more than one crop was harvested from the same field (double cropping) during 2017. As an example, if 40 acres of wheat and 40 acres of soybeans were harvested from the same field in 2017, this would make 80 acres of crops harvested from 40 acres of cropland harvested.

3. **Reporting partial-year operations correctly** - With the continuing changes in the agricultural community, there may be questions as to who is responsible for completing the report form. During 2017, if there was a change of ownership or the addressee is deceased or no longer farming, then the report form should be completed for that part of 2017 in which the addressee operated the farm or ranch. Make updates to the address label, as needed. In addition, respondents should complete section 34 and include the address and name of the person who used the land in this operation for the remainder of 2017. If the addressee died during 2017, complete the report form and please provide any necessary comments on the cover page. Please call our toll-free help line (1-888-424-7828) if you have any questions.

4. **Operator did not have multiple farming operations and received two or more agricultural census forms** - Complete only one report form for this operation and return the extra form(s) with the completed form. Write "Duplicate" beside the address area, on the cover page of the extra form(s).

5. **Farm Income and Farm-Related Income** - Sometimes it may be necessary to break out sales of farm products from services provided with those sales. The farm product receipts should be reported in the proper commodity code and the service portion of the receipts should be reported as customwork or recreational income or other farm-related income in section 32. An example of this type of separation is a recreational fee for hunting versus the value of the game animal that was raised on this operation and released and hunted. Game farms that raise pheasants for fee for hunting is one

type of operation. In this example, a portion of the hunting fee equivalent to the market value of the pheasants that were raised in captivity and released for hunting on this operation should be reported in the "Poultry" section 19, item 5, code 0910, and the remaining portion of the fee reported in "Income from Farm-Related Sources," section 32, item 4.

Report the amount received for non-equine breeding (stud) fees in the "Other Livestock and Livestock Products" section 21, item 3. Equine breeding fees are recorded in "Horses, Ponies, Mules, Burros, and Donkeys" section 16, item 5.

OPERATING ARRANGEMENTS

Multiple farming operations - A census report form should be completed for each separate and distinct agricultural operation. For example, if a person was the sole proprietor and operator of one agricultural operation, the senior partner (person in charge) in an agricultural partnership, and manager of a third agricultural operation, three separate report forms should be completed and returned by this operator. A separate report form is required for each distinct agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which separate records of operating expenses and sales, livestock, and crop acreage and production are normally maintained.

Partnership operations - For partnerships, the person in charge of the day-to-day operation should complete the report form for the entire partnership farming operation. When two or more partners are equally in charge of the day-to-day operation, the senior partner is considered to be the principal operator.

If members of the partnership operate their own farm(s) separately from the partnership operation, a report form should be completed for each separate operation in addition to the original partnership operation. If members of the farming partnership, other than the person in charge, received report forms and they had no farming operations of their own, write a brief explanation on the report form such as "Senior partner, John Doe, has reported for the partnership of Doe Brothers; I have no other farming operations of my own," and mail it to us in the return envelope.

Land rented from others on shares - If the respondent rented or leased land from others on shares, report all of the operation's data, including the landlord's share of the production, sales, and expenses so the census report form will be complete for this operation. If the landlord's share of the total sales is not known, provide the best estimate of the value of the landlord's share of the production when it was removed from this operation and the landlord took possession. Crops produced and livestock and poultry inventories should include the landlord's and contractor's shares.

Report landlord paid expenses in section 30. If a landlord's expense contribution is not known, include the best estimate of the expense amount in section 30 and indicate in the margins of that page that the value reported for that item includes an estimate of the landlord's share.

Production contracts and custom feeding - A **production contract** is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing

period. Do not report marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price in section 22.

If crops or livestock were raised and moved from the farm under a production contract, report the amount of the specified commodity that was raised and moved under a production contract in the unit requested in section 22, item 2.

If the respondent had contracts with more than one integrator or contractor for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category in items 2a through 2l. If there were multiple contracts to produce different commodities, report the amount of each commodity produced under each contract(s) in the proper categories of items 2a through 2l. For items 2a through 2l, report the total amount the contractor(s) paid for producing the commodity(ies). Indicate the inputs that were partially or completely paid or provided by the contractor(s) in item 3 and write the contractor(s) name(s) in item 4. Report the quantity sold or moved from this operation in the appropriate sections 8 through 21, but exclude the value of commodities produced under a production contract from "Value of Sales" in sections 8 through 21. The dollar amounts paid by a contractor or integrator for expenses are NOT to be reported in section 30, "Production Expenses." However, expenses paid by the contract grower to raise a contracted commodity should be reported in section 22.

If crops were raised and moved under a production contract, report the area harvested and/or other specified information for the crops in sections 8 through 13. If livestock were raised and moved under a production contract, report in sections 14 through 21 the inventory and total number moved during 2017 in the response area for the number sold or moved in 2017.

Farming operations carried on by household members - On the report form for the operator, include any farming operations carried on by members of their family or by other persons living in the household, if they worked the land or kept livestock or poultry. Likewise, report land used or livestock or poultry kept by a son or daughter for a 4-H or Future Farmers of America (FFA) project on the report form for that operation. Persons, including members of the family, living in the household and having separate agricultural operations should report their operations on a separate report form. If a separate report form was not mailed to the respondent for their separate operation(s), please call the toll-free help line at 1-888-424-7828, to request forms for additional operations.

Corporations and institutions - A report form is required for all agricultural operations operated by corporations, schools, hospitals, prisons, experimental stations, grazing associations, and other institutions. Report forms were mailed to the manager of the agricultural operation of these organizations for completion.

For institutions only, report as sold the value (or best estimate) of any agricultural products, such as vegetables, fruits, eggs and milk, produced on land operated by the institution and consumed by the persons in the institution. All other sales associated with the agricultural operations of the institution should be reported as "Value of Sales." Report the area harvested of any of the crops produced and consumed by the persons in the institution, along with the rest of the requested information for each crop in those sections.

HOW TO CORRECTLY COMPLETE YOUR CENSUS REPORT FORM

1. Use blue or black ink to complete the form.
2. Enter responses to all questions in the appropriate answer cells, on the correct line, and in the units requested (dollars, bushels, tons, etc.). Write any explanations outside the answer spaces or on a separate sheet of paper. If a separate sheet of paper is used, include the first 11 digits of the Survey Code that is located above the bar code in the address area on the cover page of the report form.
3. If exact figures are not available, enter best estimates. The respondent may write "est." for estimated in the shaded area near the answer cell but not in the answer cell itself. An estimate is much more useful than an omitted answer.
4. For all dollar items, enter only whole dollars. DO NOT ENTER CENTS.
5. Enter whole numbers except for some acreage items where tenths are requested. For those items, report to the nearest tenth of an acre. Some common fractions which can be reported in tenths are:

Report:

1/8 as 1 tenth	1/3 as 3 tenths	2/3 as 7 tenths
1/6 as 2 tenths	3/8 as 4 tenths	3/4 as 8 tenths
1/4 as 3 tenths	5/8 as 6 tenths	5/6 as 8 tenths

Some of these conversions are not exact, but they are close enough for practical reporting purposes.

6. Write numbers within the answer cells without extraneous marks on the numbers.
7. Report total quantities and not averages, unless properly noted.
8. If an answer to an item is No or NONE, enter an "X" or a check mark (✓) in the "No" or "None" box provided.
9. Some sections have a skip pattern which directs the respondent to the next section when they have a "No" answer to the screening questions. Please follow the instructions on the report form for the skip patterns. For sections of the form which do not apply to the operation, mark the "No" box in the screening question at the beginning of the section and then follow the skip pattern.
10. It is possible a respondent may receive a report form that does not list all the crops produced on the operation. See individual crop sections for instructions on how to report those crops.

THE COVER PAGE

The cover page of the 2017 census report form contains the mail label which includes information about the operation name and address and general instructions for the report form. The information above the bar code contains the 17-character Survey Code which must be used to report over the Internet. The Survey Code is unique for each operation on the census mail list. If partner names are known, they are listed below the address area. Respondents may make corrections, additions, or deletions to the partner names, if needed.

The due date of February 5, 2018 is in the top margin of the page. The form number, in the upper left hand portion of the address area, identifies the version number. For the 2017 Census of Agriculture, there are four forms which will be used. They include:

17-A100 General Form

17-A101 Hawaii Form

17-A200 Short Form

17-A300 American Indian Form

If the respondent has additional questions or concerns, the toll-free number for assistance is listed near the bottom of the page. The response cells on the left side of the cover page are for office use only.

An area is designated for the operator to print their name, enter their phone number (including the area code), enter the date the form was completed and enter their E-mail address. If there are any questions about this form, please call 1-888-424-7828.

This report form guide, other instructions, and frequently asked questions are available at www.agcensus.usda.gov. A wide variety of agricultural statistics are available from the National Agricultural Statistics Service (NASS) on the Internet at www.nass.usda.gov.

SECTION 1. ACREAGE IN 2017

The purpose of this section is for recording all land (acreage) owned, rented, or used by the addressee, spouse, or by the partnership, corporation, or organization during 2017 named on the front of the form. This section will determine the acres operated for this farm or ranch. These acres in section 1, item 4 are referred to as "this operation" for the remainder of the report form. Report land in this section in whole acres only.

Item 1 – Number of acres owned - Include all land owned by the addressee, spouse, or both, a partnership, corporation, or organization under deeded title (lien free or mortgaged), purchase contract, homestead law, or as an heir or trustee of an undivided estate, even if all or part of it was rented to others in 2017. Include all separate fields and tracts of cropland, pastureland, woodland, wasteland, farmsteads, roads, ponds, etc.

Exclude any unrelated residential or commercial land or land in other countries. If the home is on a separate piece of land, it should be included only if there were some agricultural operations on this separate land or if some farm equipment was kept there.

Item 2 – Number of acres rented or leased from others - Include land worked on shares, used rent free, in exchange for services or payment of taxes, regardless of location, and all land rented that was only used for part of 2017, etc.

Include federal, state, and railroad land ONLY if it was leased to the addressee, a single tenant, on a per-acre basis during 2017.

Exclude land used under private, Government grazing, or special license on a per-head or animal-unit month (AUM) basis (Taylor Grazing, Section 3 (BLM) and USDA Forest Service land). Exclude pastured cropland or pastureland used or rented on a per-head basis or for only part of the year (for example, winter wheat acreage leased for grazing this operation's livestock for one month).

Item 3 – Number of acres rented or leased to others - Include all land rented to, leased to, subleased to, or used by others in 2017, regardless of whether the addressee owned the land or rented it from others and subleased it to a third party. If no owned land was rented or leased to others, mark an "X" in the "None" box.

Include land worked on shares by others for the addressee, even if the addressee supplied some supervision, equipment, fertilizer, or other materials.

Exclude the following from item 3:

- Acres in the Conservation Reserve (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) or other federal or state conservation programs for which the addressee makes the day-to-day decisions.
- Land grazed on a permit, per-head, or animal-unit month (AUM) basis.
- Pastured cropland or pastureland used or rented to others on a per-head basis for only part of the year. This land should be reported as part of this operation. The livestock inventory should be reported on the cattle owner's report form. For example, in the plains states, a neighbor grazes cattle on your wheat field on a fee per-head or fee per-month basis. Even though the land was used by the neighbor for a month or two, the land should be included on your census report form if you were the operator of the land or the person responsible for planting and harvesting the wheat crop. If this arrangement was in place on December 31, 2017, the cattle inventory is reported on the neighbor's (cattle owners) report form.
- Land from which another person buys a crop that is ready for harvest.
- Land rented or leased to others for part of the year.

Item 3a – How many acres rented or leased to others did this operation own? - Report acreage if any owned land was rented or leased to others in item 3. Report land in whole acres only. If no owned land was rented or leased to others, mark an "X" in the "None" box.

Item 4 – Total acres operated - The entry here will be the sum of all land owned, item 1 (Box A), **plus** land rented or leased FROM OTHERS, item 2 (Box B), **minus** the land rented or leased TO OTHERS, item 3 (Box C). The result will equal the total acres in this operation for 2017 (Box D). It is very important to establish the correct acres for this operation in item 4 (Box D) since the rest of the report form questions apply to this acreage entry.

Item 5 – Total acres operated, Item 4 (Box D) = 0? - If the value for the total acres operated equals zero (0), and the operation did not raise or own any livestock, aquaculture, or poultry in 2017, first confirm this by reading scenarios 1 through 3 below and update the section 1 acreages, if needed. If acreage in item 4 is still zero, then skip to section 34.

Item 6 – Did this operation pay to use any land on a fee per-head or animal unit month (AUM) basis?

- For the census of agriculture, grazing land rented on a fee per head or animal unit month (AUM) basis, including public lands the operation has grazing rights, sole use, or year round- use of are not considered part of the operation. These acres should not be included in the total acres operated, item 4 (Box D).

When the acreage entry in item 4 is "0"and:

1. The addressee grew any crops, harvested maple sap, owned bees, owned sheep, or raised any livestock or poultry in 2017, complete the report form.
2. All land was operated by a renter or sharecropper, explain the situation briefly, "All land rented out," etc. If any of the land rented to others was owned, complete section 1, item 3a (number of owned acres rented) and then skip to and complete section 34. Mail the report form in the return envelope.
3. If the addressee did not have any agricultural activity on owned or rented land at any time during 2017, answer the questions below. Remember to consider any agricultural production or sales that were only for part of 2017.
 - i. At any time during 2017, did you plant, grow, or cultivate any crops or plant or grow any greenhouse or nursery crops **for sale or future sales** for yourself or under contract for someone else? For example: grains, oil seeds, hay, tobacco, cotton, vegetables, fruit, herbs, or other crops, flowering or foliage plants, mushrooms, bedding plants, cut flowers, seeds, sod, or Christmas trees.

Yes – Update section 1 acreage and complete the report form

No – continue
 - ii. At any time during 2017, did you have 100 or more acres of pasture?

Yes – Update section 1 acreage and complete the report form

No – continue
 - iii. At any time during 2017, did you or will you raise or produce any livestock, poultry, or animal specialties (including animal products) for yourself or under contract for someone else? For example: cattle, hogs, sheep, horses, poultry, aquaculture, lab animals, mink, goats, llamas, fish, bees, emus, other livestock, or animal specialties.

Yes – Update section 1 acreage and complete the report form

No – continue
 - iv. Did you receive payments in 2017 for participation in any federal or state farm programs? For example: CRP, WRP, FWP, or CREP payments, direct payments, counter-cyclical payments, loan deficiency payments, disaster payments, EQIP, CSP, or any other federal agricultural program payments.

Yes – Update section 1 acreage and complete the report form

No – If you answered No to all the questions above, explain briefly your situation, such as “retired” or “sold farm” or “quit farming” and include the date any change in the operation occurred in the space below section 1. Then skip to and complete section 34. Mail the report form in the return envelope.

Item 7 – In what county was the largest value of your agricultural products raised or produced? - The principal county is the county where the largest value of the agricultural products sold or delivered was raised or produced. The data will be tabulated and published in this county. Please print the principal county, the two letter state abbreviation, and the number of acres from this operation that were located in that county. All acres in the principal county should be reported here, not just land which is cropland harvested.

Item 7a – Agricultural activity in any OTHER county - If the acres in this operation (section 1, item 4) are located in more than one county, print the names of the additional county(ies), the state(s), and the number of acres in each additional county in these response cells. Up to three counties may be reported with the associated acreage in this item. The number of acres in items 7 and 7a should equal the number of acres in item 4 but if the acres in this operation are in more than four counties, report the four counties that have the largest value of production.

SECTION 2. LAND USE IN 2017

In section 2, report how the land in section 1, item 4, this operation, was used during 2017. Reminder: the land rented **to others**, as reported in section 1, item 3 is **not** part of this operation and will not be reported in this section.

Land used for multiple purposes - In general, the land use items have been arranged in what is normally considered a decreasing order of importance. In this section, each acre in this operation should be reported only once, even though the land may have been used for more than one purpose. See explanations below. Total acres reported in this section, item 5 (Box E), should equal the total acres reported in section 1, item 4 (Box D).

Double-cropping - If more than one crop was harvested from the same land in 2017, report the acreage only once in item 1a as "Cropland harvested." For example, if wheat was harvested from a 40-acre field in 2017, and then soybeans were planted and harvested from the same field in 2017, report only 40 acres of cropland harvested in item 1a. However, when reporting acres of the individual crops harvested in section 10 “Field Crops,” the 40 acres of wheat and the 40 acres of soybeans should both be reported on separate lines.

Interplanted crops - If a crop was interplanted in an orchard and harvested, report the acres for the specific crop in the appropriate crop section. For example, if a vegetable crop was interplanted among trees in a 5-acre orchard, report the portion of the 5 acres devoted to vegetables in section 12 “Vegetables, Potatoes, and Melons” and report the total 5 acres for the orchard in section 13. Again, include only 5 acres once in section 2, item 1a, "Cropland harvested."

Crops, grown in alternating strips - If two crops were grown at the same time in alternating strips in the same field, report the acreage devoted to each crop in the appropriate crop sections in the report

form. If a 50-acre field was planted in corn and soybeans, with 16 rows of corn followed by 16 rows of soybeans, 25 acres should be reported for corn and 25 acres should be reported for soybeans in the area where these crops are preprinted or listed in section 10.

Crops grown in alternating strips with idle land or summer fallow - If a field had a crop grown in alternating strips with unharvested grass planted to control erosion, report the acreage devoted to the crop in the appropriate crop section, include these acres in item 1a, and report the acreage devoted to the unharvested grass in section 2, item 1d “Cropland idle or used for cover crops.”

Skip row planting with idle land or summer fallow - “Skip” row planting involves leaving a space between the rows for conserving moisture, soil conservation, tillage practices, movement of machinery and equipment between the rows for spraying and harvesting of the crop, etc. See the examples below.

Example 1. If a crop was planted in “skip” rows with a cover crop for soil improvement, report the harvested portion of the field in the appropriate crop’s section and also include these acres in this section, item 1a, “Cropland harvested.” Include the acres in soil improvement in this section, item 1d, “Cropland idle.”

Example 2. If “skip” rows were in cultivated summer fallow, report the harvested portion of the acres in the appropriate crop’s section and include these acres in this section, item 1a, “Cropland harvested.” Include the acres in cultivated summer fallow in this section, item 1c, “Cropland in cultivated summer fallow.”

Cropland

Item 1a – Cropland harvested - Includes all acreage from which crops were harvested in 2017 and land in fruit and nut trees and vines, bearing age acres and nonbearing age acres in an orchard, land in berry production, grove, or vineyard being maintained for production. The acreage of cropland harvested will include:

- Field crops (corn, wheat, barley, oats, sorghum, soybeans, cotton, tobacco, etc.)
- Hay and forage crops (dry hay, haylage, silage, greenchop, etc.)
- Christmas trees (whether harvested or not in 2017), short rotation woody crops, fruit trees, nut trees, and grapevines (include bearing age acres and nonbearing age acres of trees and vines whether harvested or not in 2017)
- Nursery, greenhouse, floriculture, sod, mushrooms, vegetable seeds, and propagative material.
- Vegetables, potatoes, and melons
- Any other acreage from which a crop was harvested even if the crop was considered a partial failure and the yield was very low.
- The sum of acres reported harvested in section 8 (Hay and Forage Crops), plus the acres in production of Christmas trees and short rotation woody crops in section 9 (Cultivated Christmas Trees, Short Rotation Woody Crops, and Maple Syrup), (but do not include woodlands used for maple taps, they are reported in item 3) section 10 (Field Crops), plus the total square feet under

glass (converted to acres) and acres in the open in nursery products in section 11 (Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable seeds, and Propagative Materials), item 2, and section 12 (Vegetables, Potatoes, and Melons) plus the total acres in fruit, nuts and berries in section 13 (Fruit, Nuts, and Berries), item 2, minus the acreage of land from which two or more crops were harvested (acres double-cropped), equals "Cropland harvested," section 2, item 1a.

- For Hawaii only, the sum of acres reported in sections 8, 9, 10, 11, 12 and 13, plus the total square , under glass in section 10 (converted to acres) minus the acreage of land from which two or more crops were harvested (acres double-cropped), equals "Cropland harvested," item 1a.

Item 1b – Cropland on which all crops failed or were abandoned - Include:

- All land on which a crop failed (except fruit or nuts in an orchard, grove, or vineyard or berries being maintained for production) and no other crop was harvested and which was not pastured or grazed.
- Acreage not harvested because of low prices or labor shortages (except fruit or nuts in an orchard, grove, or vineyard being maintained for production).
- If some, but not all, of the crop acreage was harvested, the harvested acreage should be reported in item 1a, and in the appropriate crop section. The remainder of the acreage should be reported in this item provided it was not used for pasture or grazing.

Item 1c – Cropland in cultivated summer fallow - Includes cropland in cultivated summer fallow or chemical fallow. It may have been only treated with herbicides, only tilled, or a combination of these practices to control weeds and conserve moisture and not seeded for harvest in 2017. Include cropland summer fallowed in 2017 and planted to a crop (i.e. winter wheat, etc.) for harvest in 2018.

Item 1d – Cropland idle or used for cover crops or soil improvement but NOT harvested and NOT pastured or grazed - Cropland idle includes any other acreage which could have been used for crops without any additional improvement and which was not reported elsewhere in item 1. Include:

- Land used for cover crops or soil improvement but not harvested or grazed.
- Land in Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), Conservation Reserve Enhancement Program (CREP), or other federal or state conservation programs that was not hayed or grazed in 2017.
- Land occupied with growing crops for harvest in 2018 or later years but not harvested or summer fallowed in 2017 (except fruit or nuts in an orchard, grove, or vineyard or berries being maintained for production). Examples are acreage planted in winter wheat, strawberries, etc., for harvest in 2018 and no crop was harvested from these acres in 2017.
- Land in "skipped" rows between rows of crops or field strips should be reported here if the land was not used for any other purpose. It should not be reported in item 1a, "Cropland harvested."

Exclude acreage from which crops were harvested or planted and intended to be harvested or used for pasture or grazing.

Pastureland

Item 2a – Permanent pasture and rangeland - This land use item includes pastureland and rangeland, other than woodland pasture or cropland, normally used for pasture or grazing. It usually includes land referred to as meadow, prairie, or range and consists of various types of grasses, such as bunch grass, shortgrass, buffalo grass, bluestem, bluegrass, switch grass, etc. It also includes land predominantly covered with brush or browse. Pastureland or rangeland containing desert shrubs, sagebrush, mesquite, greasewood, mountain browse, salt brush, cactus, juniper, pinion, etc., are to be reported here. Also, include grazing lands that were improved by seeding, liming, fertilizing, irrigating, drainage, or controlling brush or weeds.

Item 2b – Woodland pastured - Report all woodland or timber tracts, natural or planted, used for pasture or grazing. Exclude:

- Land planted for Christmas tree production should be reported in item 1a.
- Cut over or deforested (clear cut) land improved for pasture should be reported in item 2a.
- Pastureland or rangeland containing desert shrubs, sagebrush, or mesquite land. This land should be reported in item 2a.

Item 2c – Other pasture and grazing land - Include:

- Land pastured or grazed which could have been used for crops without any additional improvements. Additional improvements include removal of rocks, terracing, removing trees, etc. before crops may be planted or hay harvested.
- Land in planted crops that was hogged-off, pastured, or grazed and not harvested for grain or hay.

Exclude from item 2c acres of corn, sorghum, soybeans, hay, and cowpeas that were hogged-off or grazed **after** harvest. Report these harvested acres only once in item 1a.

Item 3 – Woodland not pastured - Include:

- Cut over and deforested land with new or remaining growth that has future value as wood products and was not pastured in 2017.
- All other woodland, including tapped maple trees (sugar bush).

Item 4 – All other land - Include all other land occupied by building sites, farmsteads, windbreaks, lanes, roads, ponds, owned or leased water used for aquaculture production, barn lots, gardens for home use, wasteland, etc. Also, include all land in this operation that does not fit the definition of the other land use categories listed in items 1, 2, and 3 above.

Item 5 (Box E) – Total Acres - This is the total of all entries reported for items 1 through 4. **Item 6** - The total acres reported in Item 5 should be the same as the acreage reported in section 1, item 4 (Box D).

SECTION 3. LAND RENTED OR LEASED FROM OTHERS FOR CASH

Report the number of acres for each type of land (non-irrigated cropland, item 2, irrigated cropland, item 3, and permanent pasture, grazing or grassland, item 4), that were rented on a per acre basis for **cash** in 2017. Acres reported in this section should be included in section 1, item 2.

Include:

- Acres rented/ leased on a per acre basis for cash.

Exclude:

- Acres rented/leased for a share of the crop or livestock.
- Acres rented/leased on a fee per head, per pound of gain, or AUM basis.
- Acres rented/leased that includes dwelling and buildings along with farmland.
- Acres rented/leased free of charge.

Additionally, do not report the same land multiple times and report the land in the category by the primary purpose in which it was rented.

SECTION 4. LAND USE PRACTICES

Item 1a – Tile drainage is a type of drainage system that removes excess water from soil below the surface.

Item 1b – Ditch drainage systems are designed to provide primarily surface drainage.

Item 1c – A conservation easement (also called conservation covenant, or conservation restriction) is a power invested in a qualified private land conservation organization (often called a "land trust") or government (municipal, county, state or federal) to constrain, as to a specified land area, the exercise of rights otherwise held by a landowner as to achieve certain conservation purposes. Some examples of conservation goals include maintaining and improving water quality, perpetuate the growth of forests, maintain wildlife habitat and migration corridors, and protecting scenic vistas visible from roads and other public areas.

Item 2a – No-till farming practices is cropland used for production from year to year without disturbing the soil through tillage other than planting. Do not include as no-till, land that was not planted in 2017 such as existing orchards, land in berries, nurse stock, or hay harvested from existing grassland or alfalfa that was established prior to 2017. No-till is an agricultural technique which increases the amount of water that infiltrates into the soil and increases organic matter retention. In many agricultural regions it can reduce or eliminate soil erosion.

Item 2b – Reduced tillage leaves between 15% and 30% residue cover on the soil of small grain residue to conserve moisture and prevent erosion. This may involve the use of a chisel plow, field cultivators, or other implements.

Item 2c – Intensive tillage leaves less than 15% of crop residue of small grain residue. This type of tillage is often referred to as conventional tillage. Intensive tillage often involves multiple operations with implements such as a mold board, disk, and/or chisel plow.

Item 2d – A cover crop is a crop planted primarily to manage soil erosion, soil fertility, soil quality, water, weeds, pests, and diseases on non-CRP acres.

Item 3a – Report the number of harvested acres which were irrigated one or more times in 2017. These acres should be included in section 2, item 1a.

Item 3b – Report the number of acres of pastureland, rangeland, abandoned cropland and other land which was irrigated one or more times in 2017.

Item 4 – Report the number of acres of all categories of land which were irrigated one or more times in the past five years. If the same land was irrigated more than once in the past five years, record those acres only once.

SECTION 5. CROP INSURANCE AND GOVERNMENT PAYMENTS

Item 1 – Report the acres in this operation that were covered under federal, private, or other forms of crop insurance during 2017 for cropland and grazing land. Acres reported here should be included in section 2.

Item 2 – Report the number of acres in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP), on September 30, 2017 and total payments received during 2017 for participation in item 2a. Under the CRP, farm and ranch operators have successfully bid to place cropland in a 10-15 year contract. Operators with a CRP contract receive annual government payments for the acreage identified in the contract. Acres reported here should be included in section 2.

Include only the annual rental component here. Signing incentive payment (CRP-SIP), practice incentive payment (CRP-PIP), cost shares, and other payments should be included in item 3, other federal payments.

Item 3 – Report other federal agricultural program payments. Include disaster payments, market loss payments, national dairy market loss payments, non-insured assistance program payments (NAP), Environmental Quality Incentives Program (EQIP) payments, Conservation Security Program (CSP) payments, livestock programs, and any other federal programs. Exclude any type of insurance payments received for losses. Crop and livestock insurance payments that were **received** by this operation are reported in section 32, "Income from farm-related sources."

Item 4 – Report state and local government agricultural program payments. Exclude the state and local portion of CREP payments, if they were reported in item 2.

Item 5 – Report the amount received for placing commodities under Commodity Credit Corporation (CCC) loan during 2017. Report the amount of the CCC loan even if the loan was redeemed or forfeited prior to December 31, 2017. Include Austrian winter peas, barley, canola and other rapeseed, corn, cotton, crambe, dry edible peas, flaxseed, honey, lentils, wool, mohair, mustard seed, oats, peanuts,

rice, safflower, sesame seed, small chickpeas, sorghum, soybeans, sunflower seed, and wheat. Exclude CCC loans to build crop storage facilities.

Item 6 – Report the amount paid (minus any interest and storage charges) to repay CCC loans in 2017. Report interest paid on these loans in section 30), item 13b. Record storage expenses associated with CCC loan repayment, if any, in section 30, item 16.

Item 7 – The National Appeals Division (NAD) reports directly to the Secretary of Agriculture and is independent of other parts of USDA. Its sole mission is to provide fair and timely hearings and appeals to USDA program participants.

Any person who receives an adverse program decision from USDA's Farm Service Agency, Risk Management Agency, Natural Resources Conservation Service, or the three USDA Rural Development agencies may file an appeal with NAD.

SECTION 6. TYPE OF ORGANIZATION

Item 1 - Report whether the operator and/or other members of the operator's household and/or other persons related to the operator by blood, marriage, or adoption held more than 50 percent of the total farm asset ownership interests of this operation. Persons related to the operator by blood, marriage, or adoption may live outside the operator's household. **DO NOT** include landlords, contractors, or lenders as those with ownership interest.

Item 2 - Indicate if the operation was organized as a Limited Liability Company (LLC) under state law.

Item 3 - Mark the type of operation that best describes this operation and any corresponding "Yes" or "No" questions.

Family or individual operation – Exclude partnerships and corporations - Mark this box if this operation was operated by an individual, or an individual and family, or by a husband and wife. Include farms or ranches that were family operations but were not incorporated or operated as partnerships.

Partnership operation (include family partnerships) - Mark this box if this operation was run by two or more persons in partnership. Do not include farms or ranches run by husbands and wives (unless there was a formal agreement other than marriage license or vows). Partnerships include organizations where two or more persons have agreed to share contributions (capital and effort), decision-making, liabilities, and the distribution of profits. For partnerships, answer the "Yes"/"No" question as to whether the partnership was registered under state law.

Incorporated under state law - Mark this box if incorporated under state law. A corporation may be defined as a legal entity or artificial person created under the law of a state to carry on a business. It includes corporations, but not cooperatives. Cooperatives should be marked as item 4, "other." For corporate entities, answer both "Yes"/"No" questions. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

Other - Mark this box if this operation was an estate or trust, prison farm, grazing association, cooperative, American Indian Reservation, institutional farm, etc. Specify type in the response area. Some examples are:

- **Estate** - Undivided property still in or subject to probate.
- **Trust** - The farm is operated by a person as trustee for someone else who is not of age, or may be in a hospital, institution, or is otherwise unable to carry on their own business. Estate or trust may also be defined as a fund of money or property administered for the benefit of another individual or organization.
- **Institution** - Institutional operations include schools, prisons, hospitals, religious organizations, etc.
- **American Indian Reservation** - Farms or ranches owned by and/or part of an American Indian Reservation and operated for the general benefit of Reservation residents. Farms or places operated by American Indians owning or having allotted land should be reported in the same manner as any other farm, ranch, or place.
- **Cooperative** - If this operation was operated as a cooperative, it is defined as an enterprise or association created and formed jointly by the members.
- **Experiment station** - Experiment stations are operated primarily for research by either a public or private agency, and perhaps, but not necessarily, in conjunction with a university or school.

SECTION 7. PERSONAL CHARACTERISTICS

The operators are those persons responsible for the day-to-day management decisions for this operation, including hired managers. In the event there is more than one person involved in the day-to-day decisions, four columns have been provided to record the names and characteristics of up to four operators.

Item 1 - Report how many individuals were involved in the day-to-day decisions for this operation. In the second response area, enter the total number of operator(s) who are women operators.

Item 2a – Full Name - Identify the operator(s) in the columns provided and respond to each item for each operator. If there were more than four operators, identify the four most senior operators in the columns.

Exclude hired workers unless they were a hired manager or a family member who was also an operator.

Print the name(s) of the operator(s) in the response area.

Item 2b – Person(s) completing this form - Report “Yes” or “No” if the person listed in the column completed the report.

Item 2c – Sex of operator - Indicate if the operator listed at the top of the column is male or female.

Item 2d - Report the age of the operator listed at the top of the column on December 31, 2017.

Item 2e - Mark the appropriate box as to whether the operator listed at the top of the column is of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race.

Item 2f - Mark one or more race categories to indicate what the operator listed at the top of the column considers himself/herself to be.

Item 2g - At which occupation did the operator spend a majority of his/her worktime in 2017 - If the operator listed at the top of the column spent the majority (50 percent or more) of their work time in this farming or ranching operation in 2017, mark the "Farm or ranch work" box. The "Other" box should be marked for operators spending less than 50 percent of their worktime in farming or ranching operations.

Item 2h - In the opinion of the operator listed at the top of the column, mark whether the operator is retired.

Item 2i – Off-farm work - Report how many days the operator(s) worked at least 4 hours per day **off** this operation for pay in 2017. Include time spent working on someone else's farm. Mark the appropriate box.

Item 2j - Mark whether the operator listed at the top of the column lived on this operation at any time during 2017.

Item 2k - Report the first year the operator listed at the top of the column began to operate any part of THIS operation on a continuous basis through 2017.

Item 2l - Report the first year the operator listed at the top of the column began to operate ANY farm operation.

Item 2m – Served in U.S. armed forces - For the operator listed at the top of the column, mark the appropriate box indicating the current status of military service, if any.

Item 2n - For column 1, report the number of persons living in the operator's household. For columns 2, 3, and 4 report the number of persons living in each operator's household, but enter "0" if this operator was counted in a previous column.

Item 2o - Indicate whether the operator listed at the top of the column was a hired manager for this operation.

Item 3a – Day-to day decisions - For the person listed at the top of the column, check the box if this operator participated day-to-day decisions for this operation on December 31, 2017.

Item 3b – Land use and/or crop management decisions - For the person listed at the top of the column, check the box if this operator participated in land use and/or crop management decisions for this operation on December 31, 2017.

Item 3c – Livestock decisions - For the person listed at the top of the column, check the box if this operator participated livestock management decisions for this operation on December 31, 2017.

Item 3d – Record keeping and/or financial management - For the person listed at the top of the column, check the box if this operator participated in record keeping and/or financial management for this operation on December 31, 2017.

Item 3e – Estate planning or succession planning - For the person listed at the top of the column, check the box if this operator participated in estate planning or succession planning for this operation on December 31, 2017.

Item 4 – Principal operator or senior partner - Report “Yes” or “No” for the person listed at the top of the column if he/she would be considered a principal operator or senior partner. A principal operator or senior partner is the person(s) who make the majority of the decisions for the farm operation.

Item 5 – Spouse of principal operator - Report “Yes” or “No” for the person listed at the top of the column if he/she is the spouse of the principal operator or senior partner.

SECTION 8. HAY AND FORAGE CROPS

Include hay, haylage, grass silage, baleage, or greenchop cut from cropland pastures or CRP land. Any pasture or CRP land that had hay cut from it in 2017 should be reported as “Cropland harvested” in section 2, item 1a.

If two or more cuttings of the same crop were made from the same field, i.e., all cuttings harvested as dry hay or as haylage, then report the acreage only once for acres harvested and any irrigated harvested acres. Report the total tonnage from all cuttings combined in the “Total Tons Harvested” column. Dry hay is reported as “Tons, dry” and haylage, grass silage, and greenchop are reported as “Tons, green.”

If haylage, grass silage, or greenchop was cut from the same land from which dry hay was cut, report the acreage and production for that land which was cut for dry hay under the appropriate dry hay category and the acreage and production under the appropriate haylage, silage, or greenchop category. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce alfalfa haylage, report 20 acres and the tons harvested of hay in “Alfalfa and alfalfa mixtures for dry hay,” and 20 acres and the green tons harvested of haylage in “Haylage or greenchop from alfalfa or alfalfa mixtures.”

Report quantity harvested in tons. Example: If 400 square bales of hay were produced, estimate the average weight of the bales and convert total quantity harvested to *tons* (the requested unit of measure).

(70 pounds * 400 bales) divided by 2,000 pounds = 14 tons

Exclude the acreage and production when straw was produced, but if the straw is sold, report the value of the straw sales under the appropriate grain from which it was produced in section 10.

Item 2 – All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested - Report the total acres from which hay and forage crops were harvested and any irrigated harvested acres from this operation. If different harvesting methods were used on the same acreage or when multiple cuttings of the same harvesting method were used, report the acreage only ONCE.

Only acres harvested and irrigated acres harvested are needed here. Report the tons harvested in items 4-7. Exclude corn silage, sorghum silage, and straw.

Item 3 – Hay and forage sold - Report the total value of sales of hay, grass silage, haylage, and greenchop in this item. Do not include as sales hay and forage that was fed on this operation. Do not report straw sales here. Report the straw sales in the appropriate type of grain from which it was made. For example, if wheat straw was sold, include the sales with the wheat for grain value of sales in section 10.

Item 4 – Alfalfa and alfalfa mixtures for dry hay - Report only the acres and dry tons of alfalfa harvested or cut for hay and any irrigated harvested acres. Report the dry weight in tons at the time the hay was removed from the field for storage or feeding. If the production in tons is not known, report the number of bales and the estimated average bale weight.

Item 5 – Haylage or greenchop from alfalfa or alfalfa mixtures - Report acres harvested, tons harvested green, and any irrigated harvested acres of haylage or greenchop (hay cut and fed green) of alfalfa and alfalfa mixtures. If haylage or greenchop from alfalfa or alfalfa mixtures was cut from the same land from which dry alfalfa hay was cut, also report the acreage and production for the acres which were cut for alfalfa dry hay in item 4.

Item 6 – Other dry hay - Report the acres, tons harvested, and any irrigated harvested acres of hay made from small grains or small grain mixtures. Include hay made from small grains and alfalfa mixtures where the quantity harvested was predominantly from small grains. Report all dry hay made from such crops or mixtures as clover, lespedeza, fescue, timothy, Bermuda grass, Sudan grass, sorghum cut for dry hay, sorghum-sudan crosses, orchard grass, soybeans, peanuts, etc. Report the total acres harvested, tons harvested, and acres irrigated of all such crops or mixtures. If the production in tons is not known, report the number of bales and the estimated average bale weight.

Item 7 – All other haylage, grass silage, and greenchop - Report the acres, tons harvested green, and any irrigated harvested acres of haylage, grass silage, and greenchop (hay cut and fed green) made from such crops or mixtures as small grains, clover, lespedeza, fescue, timothy, Bermuda grass, sudangrass, sorghum-sudan crosses, orchardgrass, soybeans, peanuts, etc. When reporting haylage, grass silage, and greenchop, include acres and total quantities from all cuttings, whether harvested from land previously cut for dry hay or from land used mainly for pasture. Report alfalfa haylage in item 5 in this section.

SECTION 9. CULTIVATED CHRISTMAS TREES, SHORT ROTATION WOODY CROPS, AND MAPLE SYRUP

Item 2 – Cultivated Christmas trees cut and to be cut - Report the total acres of Christmas trees grown for cut Christmas trees as “Acres in Production” whether harvested in 2017 or for future harvest. “Number of Trees Cut” should be only those trees harvested in 2017. If there were acres in production, but no trees cut in 2017, report the acres in production and enter “0” for “Number of Trees Cut.” Also, “Acres in Production” should be included in section 2, item 1a, “Cropland harvested.”

Report acres of Christmas trees harvested as live nursery stock (balled and burlapped) in section 11, code 0488, “Nursery stock.”

Report the total value of sales of cut Christmas harvested and sold from this operation during 2017. Do not include in the values of sales craft items such as wreaths.

Item 3 – Short rotation woody crops - Report the total acres of short rotation woody crops as “Acres in Production” whether harvested in 2017 or for future harvest. Also, “Acres in Production” should be included in section 2, item 1a, “Cropland harvested.”

A short rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use as paper or pulp, or as engineered wood or for ethanol. The wood is too soft to be used directly for lumber. Exclude nursery stock or trees that will be harvested for lumber, fence posts, telephone poles, etc.

Acres Irrigated - In section 9, items 2 and 3, report the total acres in production that were irrigated at least once in 2017.

Report the total value of sales of short rotation woody crops harvested and sold from this operation during 2017. Report timber and pulp wood sales in section 32, item 3.

Item 4 – Maple syrup - Not applicable to Hawaii - Report the total number of taps in 2017 and the gallons of syrup produced from the sap harvested from these taps. If sap was sold, estimate the number of gallons of syrup it would have produced. Also, report the acres of tapped maple trees in section 2, item 3 (Woodland Not Pastured). Do not include syrup produced from sap purchased from others.

Report the value of maple syrup and maple sap sold from this operation in 2017. Exclude from the value of sales any syrup produced from sap purchased from others.

SECTION 10. FIELD CROPS

This section collects information on harvested tobacco, small grains, field seeds, and row crops. Report quantity harvested in the requested unit of measure. Report acres from which field crops were harvested in item 2. Acres which more than one crop were harvested are reported separately in item 3 but only counted once in item 2.

To report a field crop harvested in 2017, locate the field crop name in the list below the table. Use the information provided (name, unit of measure, and code) to fill the blank write-in spaces in the table. Be sure to enter the correct crop code in the second column.

Report any other field crop harvested in 2017 but not listed in this section or anywhere on the report form in this section. Print the crop name in the first column and crop code “0752” in the second column. Report the acres harvested, total quantity harvested (in pounds), and harvested acres that were irrigated.

Institutions - Crops grown and harvested by an institution (school, prison, hospital, etc.) and consumed by the persons in the institution should be reported as crop “Acres Harvested.” Report the quantity consumed of each crop as “Total Quantity Harvested.” Also, use the estimated market value when the crop was consumed to derive the value of sales for the applicable section.

Partial acreage harvested in a field - If only some of the acres within the field were harvested, report only the acres actually harvested and not the total acres in the field. As an example, if 3 acres of corn drowned out in a 20-acre field of corn and 17 acres of corn were harvested for grain, report the 17 acres harvested in section 10. The remaining 3 acres, if not summer fallowed, hayed, or grazed, should be included in section 2, item 1b, "Cropland on which all crops failed or were abandoned."

Acres not yet harvested - If a planted crop would normally be harvested before December 31, 2017 (corn, soybeans, etc.) but harvest was/will be delayed until 2018 because of weather conditions, equipment problems, etc., it should be included in "Acres Harvested," the estimated production included in "Total Quantity Harvested," and the portion of the acres harvested that were irrigated, if any, included in "Acres Irrigated."

Total production harvested - Report the total quantity harvested in the unit of measure specified for each crop. If the unit of measure is different in the respondent's records than the unit of measure requested on the report form, convert the total quantity harvested to the requested unit of measure. Enter quantity harvested data on the same line as the crop's acreage harvested. Note that sections 8 and 10 are the only sections that request the total quantity harvested for crops. Report cut Christmas trees in section 9. Report maple syrup produced in section 9.

Example: If 240 tons of sunflower seed were harvested, convert to *pounds* harvested. (240 tons multiplied by 2,000 pounds = 480,000 pounds.)

Acres irrigated that were harvested - Acres irrigated are acres on which water was applied by any artificial or controlled means, such as sprinklers, furrows and ditches, spreader dikes, flooding, or sub-irrigation pipes. Include the harvested field crop acres where lagoon waste water from livestock operations was distributed by a sprinkler or flood system.

Gross Value of Sales - Report the value of all crops sold or moved from this operation in 2017 on the appropriate line(s), excluding the fees received from raising commodities under a production contract. Report the value of crops when sold or moved from the operation during 2017 regardless of the year crops were harvested or raised. Report value(s) in whole dollars. The cents are preprinted on the report form.

Report gross values of the crops, including the value of the landlord's share, before marketing charges, hauling, cleaning, drying, storage, taxes, etc., are or were deducted. Include payments received in 2017 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested. Also, include as sales the estimate of the value of any crop removed from this operation in trade of services, such as hay bales in exchange for labor or other services. If the sale price or market value is not known, provide the best estimate of the market value when removed from this operation.

Exclude the value of the commodities produced under a production contract or custom feeding arrangement which are reported in section 22. Exclude grain produced on this operation and fed to livestock on this operation. Exclude proceeds from Commodity Credit Corporation (CCC) loans or Loan Deficiency Payments (LDP). They are reported in section 5.

Report the value of straw produced on this operation **and sold**. Report the straw sales in the appropriate type of grain from which it was made in item 3. For example, if wheat straw was sold,

include the sales with the wheat for grain value of sales. Do not report the acreage of straw separately in code "752", the acreage is recorded in the grain harvested from which the straw is produced. Do not report the tons of straw produced in the report form. Straw production is not needed.

Shares - If the operator rented land from others or worked land on shares for others, include the value of the landlord's share of any products sold or moved from this operation. Estimate market value, if necessary.

Partnership - If this is a partnership operation, include the total value of all products sold or moved from this operation for all partners.

Co-ops and pool-type arrangements - If a crop was sold through a co-op or other organization (generally a pool-type arrangement) which makes payments in several installments over a period of time, report the total value received in 2017. This value should relate to the gross market value of the crop before deduction of any production or marketing expenses, such as planting, harvesting, hauling, and processing. These expenses are to be reported in section 30.

Harvesting costs - Whenever crops were harvested by cooperatives or others and the operator received a price for their product which did not include the cost of harvesting, hauling, etc., report the gross value to include those costs. Also, report these costs in section 30 in the appropriate item.

Exclude sales from non-farm related activities, such as trading and speculation or livestock dealer activities. Exclude value of sales from land rented to others or worked on shares by others.

Corn - Report the acres of corn harvested for grain, seed, silage, or greenchop.

Report:

- Sweet corn for seed, code 740, in section 10.
- Popcorn, code 662, in section 10.
- Sweet corn harvested for fresh market or processing, code 461, in section 12.
- Blue corn, code 067, in section 10, Corn for grain or seed.
- Purple corn, white corn, etc. code 067, Corn for grain or seed in section 10.

Wheat, oats, barley, and rye - Report acres of wheat, oats, barley, and rye harvested for grain or seed from this operation in 2017 in section 10. Report acres of wheat harvested for grain or seed by class (Winter, Durum, Other Spring), as requested on the report form. Winter wheat, winter barley, and oat acres harvested and quantity harvested should be reported for the crop **harvested in 2017** (not the acres planted in the fall of 2016). White wheat may be winter or spring wheat. Do not report white wheat in code 752. Mixed grains should be reported under code 0752, "Other field crop" (report the quantity harvested in pounds). Report small grains harvested for hay, haylage, baleage, silage, or greenchop in 2017 in section 8.

Do not report the acres or quantity produced of straw baled from small grain crops that were previously harvested for grain or seed. Report straw sales in the appropriate type of grain from which it was made. For example, if spring wheat straw was sold, include the sales using code 728.

Cotton - Report acres of cotton harvested as either Pima, code 644 or Upland, code 581. Report the quantity harvested in bales. If cotton was grown in a skip-row pattern, report only the acres of cotton harvested and not the land occupied by the skip rows.

Report total value of sales of cotton and cottonseed sold or moved from this operation during 2017. Include the value of any cotton or cottonseed given to landlord(s) as rent. Include payments received in 2017 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested.

Dry edible beans, dry edible peas, and lentils - Report the information requested for acres harvested on this operation as follows:

Crop Code:

Chickpeas/Garbanzo	2816
Dry edible beans (excluding lima).....	554
Lentils	635
Lima beans	557
Dry Southern/cowpeas	584
All other dry edible peas.....	659

Herbs Dried - Include Clary sage in item 620. Report Clary sage as pounds of sclareol (oil) extracted. The producer is paid for the sclareol (oil) that is extracted and not the weight of the dry matter harvested. This is similar to mint in which production is reported in pounds of oil.

Peanuts - Report all types of peanuts for nuts harvested on this operation. Peanuts cut for hay should be reported in section 8 as "Other dry hay" or "All other haylage."

Potatoes and sweet potatoes - Report the acreage and the total quantity of potatoes and sweet potatoes harvested from this operation in section 12. Exclude home use.

Sorghum - Include:

- Sorghum or milo harvested for grain or seed, silage, or greenchop
- Sorghum or milo harvested by cutting the heads from stalks and used for feed un-threshed as sorghum for grain
- Acres from which sorghum or milo was harvested for grain, seed, or silage then grazed after harvest
- Sorghum for syrup, code 704

Soybeans - Report soybeans harvested for beans. Report soybeans cut for dry hay in section 8 as "Other dry hay" and soybeans cut for greenchop, haylage, or silage as "All other haylage, grass silage, and greenchop."

Sugarbeets - Report separately the acreage of sugarbeets for sugar, code 719, and the acreage of sugarbeets for seed production, code 716.

Sugarcane - Report the acreage of sugarcane for sugar, code 722, and the acreage of sugarcane for seed, code 725, separately. If some acreage in a field was harvested as sugarcane for sugar and some acreage was harvested as sugarcane for seed, prorate the acreage on the basis of each use. Report cuttings of sugarcane from September 2017 through April 2018 harvest season. Estimate if necessary.

Tea - Report “mint for tea leaves” in code 767. Report other types of tea in code 752.

Tobacco - Report all types of tobacco harvested from this operation in 2017. In reporting the total acreage, include tenths of acres. If skip rows or sled rows were used, include as harvested only the acreage occupied by the harvested tobacco.

Report the total value of sales of tobacco sold or moved from this operation during 2017 regardless of the year the tobacco was grown. Include payments received in 2017 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested.

Report tobacco transplants that were **grown and sold** from this operation in section 11, item 4, code 1004.

Wild Crops - Wild crops must be ‘grown’ on land that is owned or leased and is part of ‘This Operation.’ We collect data for wild blueberries, wild rice, wild hay, and native pecans. These crops are grown on the operation and have input costs. Do not collect data on any ‘wild gathered’ crop unless they are grown on the operation and their growth was actively managed by the operator and there were input costs in the crop’s production.

If unsure about whether a crop or livestock item is ‘wild gathered’ versus ‘grown’ or ‘raised’:

- The commodity has to be grown/raised on land or water controlled by the operator.
- The respondent must actively manage the growth of the commodity.
- The operator must have input costs in growing/raising the commodity such as seed, fertilizer, or chemicals and it was not gathered on public lands or waters on which another individual may also gather the same or similar commodities.

Examples of a raised commodities: Wild hay harvested. Wild blueberries harvested from bushes that are on land owned or rented and part of the land in this operation.

Livestock examples: Salt water clams, geoducks, are raised in leased mudflats. There are input costs with raising the larvae to small clams that are ‘planted’ by operator on leased mudflats inside PVC pipes to protect from predators. Oysters raised in cages on manmade platforms anchored in salt water bays.

Examples of commodities NOT counted: Wild medicinal roots, wild ginseng, pine straw, wild mushrooms, etc. gathered from public land or private land that is part of the operation that did not have input costs associated with raising them.

SECTION 11. NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

Review the crop types listed at the bottom of the page before completing this section. Report all of the area for these crops grown for sale or future sale on this operation under glass or other protection, including tunnel production, or in the open, whether wholesale or retail. Include those sold on consignment. Exclude greenhouse vegetables grown for home consumption. Report food crops temporarily covered for early germination, frost protection, etc. in section 12.

Item 2 - Report the total area on which nursery, greenhouse, floriculture, sod, mushrooms, vegetable seeds, and propagative materials were grown as square feet under glass or other protection. Report the area of these crops that were irrigated in 2017 as square feet and/or whole and tenth acres. Report the total area only once in item 2 regardless of how many crops were grown for sale from the same area. If more than one type of crop was grown for sale from the same area, report each crop separately in item 4.

Item 3 - Report the total area on which nursery, greenhouse, floriculture, sod, mushrooms, vegetable seeds, and propagative materials were grown in the open as acres to the nearest tenth acre. Report the area of these crops that were irrigated in 2017 as acres to the nearest tenth acre. Report the total area only once in item 3 regardless of how many crops were grown for sale from the same area. If more than one type of crop was grown for sale from the same area, report each crop separately in item 4. For sod, report the acres in production and the acres harvested. Acres planted to grass intended for sale as sod in subsequent years, but not harvested in 2017, should be included in the area in production in 2017.

Item 4 - Print the crop type name, corresponding crop code from the list below the table, the area grown for sale, and value of sales for this crop type. Do not duplicate the area grown for sale for each crop type in the "Square Feet Under Glass or Other Protection" in item 2 and "Acres in the Open" in item 3.

Area under protection refers to plants grown under a structure (such as glass, fiberglass, plastic, or saran) for the **entire** growing season. Crops covered only temporarily to be further grown in the open should not be included for area under protection.

- If the same crop was grown for sale more than once, such as mushrooms, report the square footage only once. In the case where different crops were grown on the same benches or beds, report the area for each crop grown for sale.
- For crops grown in hot beds, benches, or cold frames, report only the square feet of the beds, benches, or frames and not the walkways or storage areas. An example might be where crops are grown in stacked trays 3 tiers high. In this case, calculate the square footage of one tier and multiply the footage by 3. (If a tier equals 160 square feet, multiplied times 3 levels equals a total 480 square feet).
- For sod, report area grown for sale only as "Acres in the Open."
- If more than one type of crop was grown for sale from the same area, report each crop separately in item 4.

- Report tobacco transplants that were grown and **sold** from this operation using code 1004. Exclude tobacco transplants that were grown and then transplanted on the same operation.
- Report vegetable transplants that were grown and sold from this operation for transplanting to fields on another operation using code 1006.
- Report vegetable transplants that were grown and sold from this operation for household gardens using code 0479.
- Report acres grown for sale of live Christmas trees (balled and burlapped, potted, etc.) grown on this operation using code 0488. Cut Christmas trees are reported in section 9, item 2.
- Blueberries raised and sold for transplanting are reported in Nursery stock, code 0488.
- Report the total value of sales (at point of first sale, wholesale/retail value) for those crops grown on and sold directly from this operation. Report only the wholesale value of crops grown on this operation and sold through a retail outlet which is not part of this operation or if the retail outlet is considered a separate business establishment. Estimate values, if necessary.
- Exclude crops bought for resale without additional growing, such as plugs and started plants or garden center items, such as pot liners, chemicals, and fertilizers.

SECTION 12. VEGETABLES, POTATOES, AND MELONS

Review the crops listed at the bottom of the page before completing this section. Report all of the area for vegetable, potato, and melon crops harvested on this operation. Include yams with sweet potatoes. Exclude vegetables, potatoes, and melons grown for home consumption.

Report strawberries in section 13, code 0536. Report dry edible peas, dry edible beans, dry lima beans, lentils, and chickpeas in section 10. Vegetables grown under glass or other protection should be included in section 11. (**Harvest season** - In all states, except Florida and Arizona, report vegetables harvested in the calendar year 2017. For Florida and Arizona, report vegetables and melons harvested from September 1, 2016, through August 31, 2017.)

Item 2 - Report the total harvested acres and irrigated harvested acres of vegetables, potatoes, and melons in whole and tenth acres. Report the area only once regardless how many crops were harvested from the same area. If more than one type of crop was harvested from the same area, report each crop separately in item 4. See example below.

Example: If 20 acres of summer squash were harvested from a field and the same field was replanted in summer squash and harvested again, report only 20 acres of land from which vegetables were harvested in item 2, but report 40 acres harvested in item 4, summer squash, code 0468. Report the 40 acres in the appropriate columns for fresh market or processing.

Item 3 - Report total value of sales of vegetables, potatoes, and melons sold or moved from this operation during 2017. Include the value of sales for fresh market or processing and sales to consumers, wholesalers, canners, freezers, dehydrators, or other processors or buyers. Report total value of sales of vegetables grown under glass or other protection in Section 11. Exclude the value of the commodities produced under a production contract.

Production Contracts - Report the acreage of all vegetables and melons grown under production contracts but exclude, from this section, item 3, the value of the commodities produced under a production contract. The dollar amounts received from the contractor for commodities produced under a production contract are reported in section 22.

Two or more pickings of the same crop - Report the acres harvested only once even when two or more pickings were made from the same field.

Institutions - Crops grown and harvested by an institution (school, prison, hospital, etc.) and consumed by the persons in the institution should be reported as crops harvested. Also, estimate the value of the crops consumed and include this value in the "Value of Sales" in item 3.

Potatoes and sweet potatoes raised and sold for seed - Report the acreage of potatoes and sweet potatoes raised and sold for seed as acres harvested for fresh market.

Item 4 - Report the crop listed in the table at the bottom of the page. If a harvested crop's name is not listed in the table, write in the crop name, and other vegetable code 0475, the total acres harvested, the acres harvested for fresh market, and the acres harvested for processing. Report all acreage in whole and tenth acres.

SECTION 13. FRUITS, NUTS, AND BERRIES

Review the crops listed at the bottom of the page before completing this section. Report the acreage if there were bearing or non-bearing age fruit, tree nuts or berry plants which were maintained for current or future commercial production. Exclude acreage of trees and vines which were abandoned or used for home use.

Native pecan trees are the only native or "wild" tree nuts that are reported. Exclude acreage and sales of black walnuts.

Report total value of sales of fruit and tree nuts raised and sold or moved from this operation during 2017.

Item 2 - Report the total acres and irrigated acres of trees, berries, and vines for fruits and nuts in whole and tenth acres. In the total acreage, include bearing age acres and nonbearing age acres and bearing age acres not harvested due to unsatisfactory prices, labor shortages, etc. If native pecan tree density is less than 20 trees per acre, divide the number of pecan trees by 20 and enter that value as the number of total native pecan acres. Exclude abandoned acres of trees or vines that were not maintained for production and young trees and vines designated for future transplanting and replacement. Report these acres of young trees in Section 11, Code 0488, "Nursery stock."

In Section 13, item 2, report the total bearing and nonbearing acres that were irrigated at least once in 2017.

Item 3 - Review the crops listed at the bottom of the page before completing this section. Report all of the area for fruits, nuts and berries harvested on this operation. Write in the crop name, corresponding crop code from the list at the bottom of the page, total acres, bearing age acres, and nonbearing age acres. Report any other non-citrus fruits, other citrus fruits, or other nuts harvested in 2017 but not listed in this section or anywhere on the report form in this section. For crops not listed

in the table, print the crop name in the first column and the corresponding "Other" crop code "0261", "0315", "0363", or "0539" in the second column. Report the total acres, bearing age acres, and nonbearing age acres.

Report all acreage in whole and tenths acres. The total acres of all trees and vines is equal to the acres of bearing age trees plus the acres of nonbearing age trees. Nonbearing trees that were planted as replacements for trees that died in bearing blocks should have an estimate of the land that they occupied reported in the nonbearing acres column.

Operations that process fruit and vegetables for sale should report only the "farm" value of the product sold.

Example: A vineyard that processes its grapes into wine would report only the value of the grapes that were harvested in 2017 and used to produce the wine, not the value of the wine sold in 2017. The same would be true for fruits or berries that were processed into cider, jams, jellies, or wine.

- For Florida report the acreage of limes for the April 2017 - March 2018 harvest season. Estimate if necessary.
- Report the acreage of all other citrus crops in all other states for the 2016-2017 harvest season.
- For California report the acreage of avocados for the 2017 crop year, November 1, 2016 - November 30, 2017. The 2017 crop year consists of the fall crop, November 1, 2016 - June 20, 2017 and the spring crop, April 20, 2017 - November 30, 2018. Report the acreage of olives for the September 2016 - March 2017 harvest season.

SECTION 14. CATTLE AND CALVES

Report inventories of all beef and dairy cattle and calves on this operation on December 31, 2017 and number of cattle and calves sold or moved from this operation during 2017. Inventories should include cattle on land used rent free or on public, private, or industrial property under a grazing permit, per head, or AUM basis. Include cattle located on or fed on this operation for others on a custom or contract basis. Include cattle and calves on this operation that were owned by members of the family, i.e. 4-H and FFA project cattle and calves raised on this operation that were owned by a son or daughter. Include Beefalo.

Exclude any cattle owned that were being custom fed in feedlots operated by others on December 31, 2017. Do not report the sales of animals bought and then sold within 30 days.

Item 2a – Beef cows - Report the number of beef cows on this operation on December 31, 2017 that were kept for beef production. Report beef heifers that had calved by December 31, 2017. Report milk cows in item 2b. Beef heifers that had not calved by December 31, 2017 should be reported in item 2c. Steers, calves, and bulls should be reported in item 2c.

Item 2b – Milk cows - Report the number of cows of any breed kept for milk production on this operation on December 31, 2017. Include dry milk cows and dairy heifers that had calved by December 31, 2017. Milk heifers that had not calved by December 31, 2017 should be reported in item 2c.

Item 2c – Other cattle - Report the combined number of steers, calves, and bulls, as well as the number of heifers that had not calved by December 31, 2017. Include number of cattle and calves of all ages that were grazing or being fed for others on a custom or contract basis on December 31, 2017 on this operation.

Item 2d – Total cattle and calves - Report the total number of cattle and calves of all ages on this operation on December 31, 2017. Items 2a, 2b, and 2c should add to the number reported here.

Item 3a – Calves sold - Report the number of calves weighing less than 500 pounds that were sold or moved from this operation during 2017.

Do not include animals that were moved from this operation:

- Moved to another operation to graze on winter wheat for a month or two and then returned to this operation
- Moved for short term grazing on corn stubble and then returned to this operation
- Moved for the summer to public grazing land and then returned to this operation
- Moved for the summer to private or grazing association land and then returned to this operation

Item 3b – Cattle sold - Report all the cattle and calves weighing 500 pounds or more that were sold or moved from this operation during 2017.

Do not include animals that were moved from this operation

- Moved to another operation to graze on winter wheat for a month or two and then returned to this operation
- Moved for short term grazing on corn stubble and then returned to this operation
- Moved for the summer to public grazing land and then returned to this operation
- Moved for the summer to private or grazing association land and then returned to this operation

Item 4 – Sales of cattle and calves - Report the total value of cattle (beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, beefalo, veal calves, etc.) sold or moved from this operation in 2017 without deducting production or marketing expenses (cost of feed, livestock purchased, hauling and selling, check off fees, etc.). Exclude dollar amount received from cattle and calves produced under production contracts.

Include those animals moved from this operation to a feedlot for further feeding. The reported value of these animals should be the value at the time they were moved from the operation.

Item 5 – Sales of milk from cows - Report the total value of sales of milk sold or moved from this operation in 2017 without deducting production or marketing expenses (cost of feed, livestock purchased, hauling and selling, etc.). Exclude the value of sales from other dairy products.

CATTLE IN FEEDLOTS - Include steers and heifers for slaughter market that were fed a ration of grain or other concentrates that are expected to produce a carcass that will grade select or better. Exclude

cattle that were pastured only, being backgrounded, fed for home use, or veal. Exclude cows and bulls. Include steer calves and heifer calves.

Item 6a - Of the cattle on hand reported in item 2c, report the total steers and heifers that were on feed December 31, 2017, and were or will be shipped directly from your feedlot to slaughter market. Exclude veal calves that were fattened primarily on milk, dairy cows that were fed only the usual dairy ration before being sold, and any cattle and calves being preconditioned, backgrounded, or fed a warm-up ration.

Item 6b - Of the cattle sold during 2017 **reported in item 3b**, report the steers and heifers sold weighing 500 pounds or more that were shipped directly from your feedlot to slaughter market. Exclude any of your cattle being custom fed in feedlots operated by others. Exclude cattle sold as feeders. Exclude dairy cows fed only the usual dairy cow ration before being sold. Exclude cows and bulls.

SECTION 15. HOGS AND PIGS

Report all hogs and pigs on this operation on December 31, 2017. Include hogs grown for others on a contract basis. Include hogs on this operation that were owned by members of the family, such as 4-H and FFA project hogs raised on this operation that were owned by a son or daughter. Contractors should only report hogs on land they operate. If the addressee is a contractor or integrator and in 2017 grew no hogs other than those raised for him/her by contractees, do not report any hogs in inventory or any hogs sold. If the addressee was a contractor or integrator and grew hogs himself/herself and had hogs grown for him/her by others, report only the hogs which he/she raised on this operation. Exclude hogs grown for the addressee by someone else on another operation under contract.

Item 2 – Total hogs and pigs - Report the total number of hogs and pigs of all ages on this operation on December 31, 2017. Include those being fed or kept for others under a production contract or an agreement.

Item 3 – Hogs and pigs sold - Report the total number of hogs and pigs sold or moved off the operation, including feeder pigs, in 2017.

Item 4 – Gross value of sales - Report the total value of swine sold or moved from this operation in 2017 without deducting production or marketing expenses including check-off fees (cost of feed, swine purchased, hauling and selling, etc.). Exclude dollars received for hogs and pigs produced under production contracts.

Item 5 – Type of operation - Mark the one type which best describes this operation.

- A farrow-to-wean operation sells or moves pigs from the operation soon after they are weaned from the sow, generally at 2 to 5 weeks of age.
- A farrow-to-feeder operation sells or moves pigs from the operation after the pigs are weaned and fed to a feeder pig weight, approximately 35 to 55 pounds.
- A farrow to finish operation farrows and sells or moves pigs from the operation after they have reached market weight and are sold or moved directly to slaughter.

- A nursery operation buys pigs for or moves pigs to the operation after they have been weaned and will feed them for a short period of time, after which they are sold or moved from the operation to a finishing operation.
- A finish only operation buys pigs for or moves pigs to the operation at weaning weight or feeder pig weight and feeds them until they have reached market weight and are sold or moved directly to slaughter.
- An “other” hog operation could include operations where a majority of production focuses on raising and selling breeding stock. Print the type of hog operation in the response area.

Item 6 – Describe the producer - Mark the one type that best describes this operation.

SECTION 16. HORSES, PONIES, MULES, BURROS, AND DONKEYS

Equine include horses, ponies, mules, burros, and donkeys. Include equine of all ages and breeds for all uses. Exclude wild horses and zebras.

Item 2 – Horses and ponies owned - Report the number of horses and ponies on this operation which were OWNED by this operation on December 31, 2017. Include as owned all horses and ponies on this operation even if only partially owned by this operation. Report the number of owned horses and ponies **sold** in 2017 and the value of sales.

Item 3 – Horses and ponies not owned - Report the number of horses and ponies on this operation which were NOT owned by this operation on December 31, 2017. Report the horse and pony inventory that were not owned by this operation but boarded by this operation for others. An example is if this operation is a boarding stable or racetrack. Report the number of horses and ponies not owned which were **sold** in 2017 and the value of sales.

Item 4 – Mules, burros, and donkeys - Report the inventory of all mules, burros, and donkeys on the operation on December 31, 2017 REGARDLESS OF OWNERSHIP. Report the total number of mules, burros, and donkeys sold during 2017 and the value of sales.

Item 5 – Horse breeding or stud fees, semen and other equine products - Report the value of equine breeding service fees or stud fees including sales of semen or other equine products sold in 2017. Include these items for services from horses, ponies, burros and donkeys.

SECTION 17. SHEEP AND GOATS

Include:

- Sheep and goats on public or industrial property under a grazing permit
- Sheep and goats on land used rent free by this operation
- Sheep and goats grown or fed on this operation for others on a custom or contract basis

Exclude:

- Sheep and goats grown or fed by someone else on a custom or contract basis

Item 2 – Sheep and lambs - Report the total number of sheep and lambs on this operation or custom fed, regardless of ownership, on December 31, 2017. Report the number of sheep and lambs sold or moved from the operation during 2017 and the value of sales. For animals moved off the operation but not sold, the reported value of these animals should be the value at the time they were moved from the operation.

Item 3a – Angora goats and kids - Report the total number of Angora goats and kids on this operation, regardless of ownership, on December 31, 2017. Report the number of Angora goats and kids sold or moved from the operation during 2017 and the value of sales. Include only Angora goats and kids raised for the production of mohair.

Item 3b – Milk goats and kids - Report the total number of milk goats and kids on this operation, regardless of ownership, on December 31, 2017. Report the number of milk goats and kids sold or moved from the operation during 2017 and the value of sales. Include only milk goats and kids raised for the production of milk.

Item 3c – Meat goats, other goats and kids - Report the total number of meat goats and all other goats and kids on this operation not reported in item 3a or item 3b, regardless of ownership, on December 31, 2017. Include Angora goat breeds and milk goat breeds if they are being raised only for meat production.

Item 4a – Wool shorn - Report the total pounds of wool shorn (whether sold or not) and total pounds of wool sold or moved from the operation in 2017. Include pounds shorn whether or not the sheep are currently on the operation. Include the weight of tags shorn in pounds of wool shorn.

Item 4b – Mohair clipped - Report the total pounds of mohair clipped (whether sold or not) and total pounds of mohair sold or moved from the operation in 2017. Include pounds clipped whether or not the goats are currently on the operation.

Item 4c – Milk from sheep and goats - Report the value of sheep and goat milk sold or moved from the operation in 2017 without deducting production or marketing expenses (cost of feed, livestock purchased, hauling and selling, etc.). Exclude the value of sales of cheese and other processed milk products.

SECTION 18. AQUACULTURE

Aquaculture is defined as the farming of fish, crustaceans, mollusks, and other aquaculture products. The aquaculture production reported in the census requires some form of intervention in the rearing process and requires inputs such as seeding, stocking, feeding, protection from predators, etc. It also requires ownership of the stock being cultivated and harvesting that is conducted in a controlled environment by this operation. Fish, shellfish, and other aquaculture products that are caught or harvested from non-controlled waters or beds (public lakes, rivers, bays, or streams) are considered wild caught and **should not** be included as aquaculture production. Aquatic plants should be reported in section 11, Nursery, Greenhouse, Floriculture, Sod, Mushrooms, Vegetable Seeds, and Propagative Materials. Algae is included here in section 18, Aquaculture

Examples of controlled environments include:

- Ocean-raised fish in pens, cages, etc.
- Leased, owned, controlled, or managed beds including exclusive use of public water area for shellfish
- State, federal, reservation, and privately owned fish hatcheries
- Tanks for the shedding of soft-shelled crabs

The area of the controlled environment of this operation should be included in section 1, item 1 or 2 and item 4. The area of land and water area associated with these production areas should be included in section 2, item 4 and item 5.

Review the aquaculture types listed at the bottom of the page in the report form before completing this section. Print the name of the aquaculture type and the corresponding code from the list at the bottom of the page. Report pounds **OR** number sold of all species sizes and/or eggs of one species type under the corresponding aquaculture type and code. Do not report pounds **AND** number of the same species. For example, if you raised trout and sold some as food size and some as fingerlings report all food size and fingerlings under Trout, code 0863, and report all the pounds **OR** number sold or moved from this operation in 2017.

Report the pounds or number sold or moved from this operation whether wholesale, retail, or on a contract basis or consignment. Include the aquaculture raised by federal, state, reservation, and privately owned hatcheries and sold or moved for stocking public waters or distributed for conservation purposes. Estimate the market value for the value of sales if distributed and not sold. Report the gross value of sales for each aquaculture type sold or moved from this operation. Exclude aquaculture grown for home consumption.

All other aquaculture and aquaculture products such as frogs, turtles, caviar, eels, alligators, sea urchins, snails, tadpoles, live rock, etc., should be reported as code 0869, (other aquaculture products).

SECTION 19. POULTRY

Report inventories of all poultry including layers and all meat-type birds on this operation regardless of ownership on December 31, 2017. Poultry also includes exotic or game birds such as emus, ostriches,

ducks, pheasants, quail, etc. Report the number sold or moved from this operation during 2017.

Include poultry raised for others on a contract basis when reporting the inventory and number sold or moved from this operation.

If the number sold or moved from the operation is not known, an estimate should be given. Roasters, capons, and Cornish not used for breeding should be reported in item 3a with broilers, fryers, and other meat-type chickens.

Poultry should be reported by the person who actually raised the birds even though they may not be the person who owns the poultry.

Exclude poultry owned by you but raised by someone else on another operation under contract.

Item 2 – Value of sales - Report the gross value of sales of all poultry (broilers, layers, eggs, pullets, turkeys, ducks, geese, hatchlings, pheasants, poultry products, etc.) sold from this operation in 2017 without deducting production or marketing expenses (cost of feed, livestock purchased, hauling and selling, etc.). Do not report the value of poultry produced under production contracts in item 2. Dollars received from production contracts are recorded in section 22.

Item 3a – Broilers, fryers, and other chickens raised for meat production, including capons and roasters - Report the number of broilers, fryers, capons, roasters, and other meat-type chickens on this operation on December 31, 2017, including those raised under contract. In column 2, report the number sold or moved from this operation during 2017, including those raised under contract. Include only birds raised for meat production. Exclude meat-type hatching layers which should be reported in item 3c.

Item 3b – Table egg layers - Table egg layers are female chickens that can produce a marketable egg suitable for table use or infertile eggs for human consumption. Include layers producing eggs for cartons, breakers, or further processing.

Female chickens that are too young to produce a marketable egg are pullets (report pullets in 3e). Report the number of table egg layers on this operation on December 31, 2017, including those under contract. Include the number of table egg layers in molt. In the second column, report the table egg layers sold or moved from this operation during 2017, including those under contract. Include layers used to produce eggs for home consumption, and “yard chickens.” Exclude layers from exotic breeds and game birds.

Item 3c – Hatching layers for meat types - Hatching layers for meat types are layers of meat-type strains that produce fertile eggs that could supply a hatchery to produce meat type chicks. Report the number of hatching supply layers for broilers, roasters, and other meat types on this operation on December 31, 2017, including those under contract. In the second column, report any of the hatching supply layers for meat types sold or moved from this operation during 2017, including those under contract. Exclude broilers or other chickens raised for meat production, which should be reported in item 3a.

Item 3d – Hatching layers for table eggs - Hatching layers for table eggs are layers that produce fertile eggs which could supply a hatchery to produce table-egg chicks. Report the number of hatching supply layers for table-egg types on this operation on December 31, 2017 including those under contract. In

the second column, report any of the hatching supply layers for table eggs sold or moved from this operation during 2017, including those under contract. Exclude layers for table eggs or “market” eggs, which should be reported in item 3b.

Item 3e – Pullets for laying flock replacement - Report the number of chicken pullets for laying flock replacement on this operation on December 31, 2017, including those under contract. In column 2, report the total number sold or moved from this operation during 2017, including those under contract. Include the pullets intended for laying flocks of table-egg layers, or hatching supply flocks for meat-type, or hatching supply flocks for table-egg types. Pullets are female chickens which are too young to produce a marketable egg. Female chickens which are mature enough to produce a marketable egg are layers.

Item 4a – Turkeys for meat production - Report the number of turkeys raised for immediate slaughter on this operation on December 31, 2017, including those raised under contract. In column 2, report the number of turkeys for meat production sold or moved from this operation during 2017, including those raised under contract. Exclude turkey hens and toms kept for breeding, which should be reported in item 4b.

Item 4b – Turkey hens and toms kept for breeding - Report the number of turkey hens and toms kept for breeding on this operation on December 31, 2017, including those under contract. In column 2, report the number of turkey hens and toms kept for breeding sold or moved from this operation during 2017, including those under contract.

Item 4c – Turkey brooders for further growout on another farm - Report the number of turkey brooders on this operation on December 31, 2017 which **were moved or will be** moved to another farm for further growout. In column 2, report the number of turkey brooders that have been moved to another farm for further growout during 2017. Turkeys that will be sold or moved from this operation directly to slaughter should be reported in item 4a or item 4b, not in item 4c.

Item 5 – All other poultry - Report the inventory of all other poultry on this operation on December 31, 2017, not accounted for in items 3 and 4. Enter the name of other poultry species in the first column provided. Enter the corresponding code in the second column. Report the inventory and number sold or moved from this operation during 2017, including those raised under contract. Birds such as pheasants or chukars used for conservation, restoration, or hunting, such as on a game farm, should be reported only by the operation which raised the birds.

Only the market value of the birds raised is included in the Gross Value of Sales, item 2, and the balance of hunting fees received that is attributed for guide services, lodging, or transportation is reported in section 32, item 4.

Exclude birds such as canaries in section 19 as they are reported in section 21, item 2, “Other Livestock and Livestock Products.”

Item 6a – Poultry hatched - Report all types of poultry hatched on this operation in 2017. The number hatched includes all poultry hatched on your operation and placed, sold, or destroyed. Do not include poultry hatched on this operation as sold in items 3 through 5, unless raised past the newly hatched stage of development. For example, chicks hatched and moved from this operation the same day should be reported only in item 6, not in item 3.

Item 6b – Type of poultry hatched on this operations hatcheries - For the poultry hatched in item 6a, check the type of the poultry hatched. Check all that apply.

SECTION 20. COLONIES OF BEES

Item 2 - Report the inventory of honey bee colonies of **bees owned, regardless of location** on December 31, 2017 in column 1. Report the largest number of honey bee colonies owned for all purposes in 2017 in column 2, including colonies from which no honey was harvested. Exclude package bees; they are not considered as separate colonies. Package bees are reported in section 21, item 2. All bees which are not honey bee colonies are reported in section 21. Report the largest number of honey producing colonies owned in 2017 in section 20, column 3.

Report the total pounds of honey collected in 2017, whether or not it was sold. Report the sales of honey in 2017, regardless of which year the honey was produced. Report sales of beeswax, pollen, royal jelly, etc. in section 21, item 3. Report sales of colonies in section 21, item 2.

Fees received from pollination services should be reported in section 32, item 7 as other income.

SECTION 21. OTHER LIVESTOCK AND LIVESTOCK PRODUCTS

Item 2 - Report all other livestock, animal specialties, and their products not reported in previous sections. Report the inventory of alpacas, llamas, bison, deer in captivity, elk in captivity, live mink, live rabbits, lab animals, worms, etc., raised in captivity that were on this operation on December 31, 2017. Report the total number sold from this operation during 2017, including those raised under contract. Exclude animals and products owned by the addressee but raised on another operation under contract.

- **Alpacas** - Report the inventory of alpacas on this operation on December 31, 2017, including those raised under contract. Report the total number sold from this operation during 2017, including those raised under contract, and the value of sales.
- **Llamas** - Report the inventory of llamas on this operation on December 31, 2017, including those raised under contract. Report the total number sold from this operation during 2017, including those raised under contract, and the value of sales.
- **Bison** - Report the inventory of bison raised in captivity on this operation on December 31, 2017, including those raised under contract. Report the total number sold from this operation during 2017, including those raised under contract, and the value of sales.
- **Deer in captivity** - Report the inventory and number sold in 2017 of deer raised in captivity and include their value of sales. If the deer were raised in captivity on an operation which is a game farm and a hunting fee was received for the deer, allocate the fee between the Value of Sales and Income from Farm-Related Sources in section 32, item 4. Only the market value of the deer is included in the Value of Sales column and the balance of the hunting fee received that is attributed for guide services, lodging, or transportation is reported in section 32, item 4.

Deer “raised in captivity” are deer confined to the operation with fencing that require inputs such as feed, veterinary services, etc. The deer may have been purchased from other

producers and transported and cared for within the confines of this operation. Exclude wild deer on the operation.

- **Elk in captivity** - Report the inventory and number sold in 2017 of elk raised in captivity and include their value of sales. If the elk were on a game farm and a hunting fee was received for the elk, split the fee between the Value of Sales and Income from Farm-Related Sources in section 32, item 4. Only the market value of the elk is included in the Value of Sales column and the balance of the hunting fee received that is attributed for guide services, lodging, or transportation is reported in section 32, item 4.

Elk “raised in captivity” are elk confined to the operation with fencing that require inputs such as feed, veterinary services, etc. The elk may have been purchased from other producers and transported and cared for within the confines of this operation. Exclude wild elk on the operation.

- **Live mink** - Report the inventory and number sold in 2017 of live mink raised on this operation and their value of sales. Mink pelts should be reported only in item 3.
- **Live rabbits** - Report the inventory and number sold in 2017 of live rabbits raised on this operation and their value of sales. Rabbit pelts should be reported only in item 3.
- **Package bees** – Report the inventory and number sold in 2017. Package bees are honey bees sold by the pound, with or without the queen. Inventory should be recorded as number of packages, not pounds sold. Nucleus colonies, “nucs”, whole colonies sold, and individually sold queens should be counted under “Other Livestock” with code 4898.
- **Bees, other than package bees** - Report the inventory and number sold in 2017 of all bees other than honey bees. Inventory and sales should be recorded as the number kits, hives, boxes or sets of bees sold. Solitary bees should not be counted individually, rather as the whole unit they are sold in. For example, bumble bees should be counted by the hive, not by the individual bee. Include leaf cutter bees. Wild caught mason, carpenter, or other bees should be excluded.
- **Other livestock** - Report the inventory of any other livestock and animals raised in captivity for sale on this operation on December 31, 2017 and not previously reported on this questionnaire. Print the name of the livestock, the inventory on this operation on December 31, 2017, the number sold from this operation during 2017, and the value of sales. Include queen bees and nucs. Include honey bee colony sales.
- **Item 3 – Other livestock products** - Report the production of all other livestock and livestock products and value of sales including semen, embryos, manure sold, beeswax, bee pollen, feathers, worm castings, or other livestock or animal products produced and sold from this operation during 2017. Exclude value added products such as cheese, candles and lotions. Print the type of product and indicate the unit (tonnage, pounds, etc. used in reporting the product.

SECTION 22. PRODCUTION CONTRACTS AND CUSTOM FEEDING

Report the quantity delivered and the total dollar amount received for ONLY those commodities raised under a production contract or custom fed livestock.

Read the screening question, item 1, carefully to determine whether items 2 through 4 should be completed.

A production contract is an agreement between a grower and contractor (integrator) setting terms, conditions, and fees to be paid by the contractor to this operation for the production of crops, livestock, or poultry.

The grower will raise an agricultural commodity and the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity. The contractor retains ownership and takes possession of the raised commodity at the end of the growing period.

Exclude marketing contracts, futures contracts, cash or basis forward contracts, or other contracts based strictly on price.

Report the amount of the specified commodity that this operation raised under production contract(s) and moved from this operation in 2017 in item 2. If there were contracts with more than one contractor or integrator for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category in items 2a through 2l. If there were multiple contracts to produce different commodities, report the amount of each commodity produced under each contract(s) in the proper categories of items 2a through 2l. Report in the second column the total amount the contractor(s) paid this operation for producing the commodity(ies).

Veal calves and stockers/feeders should be reported in item 2i, "Other cattle, sheep, livestock, or poultry" and not in item 2f, "Custom fed cattle."

Item 2 - Report the production contract commodities raised and moved from this operation in 2017. Report in the units of measure requested. For items 2i, 2j, 2k, and 2l, print the name of the commodity raised in the area provided, report the quantity moved, and print the unit of measure for the quantity moved in the Unit column. Also, include the quantity moved in their appropriate section(s) of the report form but only report the fee received for producing the commodity in this section. For example, if 1,000 hogs were raised and moved under a production contract, include the quantity moved in Section 15, item 3. But the fee received is **not** included in Section 15, item 4, Value of Sales.

Report the total dollar amount that this operation received in 2017 for producing the commodity(ies) listed in items 2a through 2l. **This is NOT the market value of the commodities moved, but is the payment or fee the operator received for the commodities delivered.**

Item 3 - Mark all the inputs that were partially or completely paid or provided by the contractor. The items provided by the contractor should be identified in the production contract.

Item 4 - Print the name of the contractor in the area provided. If more than one contractor is involved, write the information in the margin of this page or on separate sheet of paper. If a separate sheet is

used, include the first 11 digits of the Survey Code number from above the bar code in the address area on the cover page.

SECTION 23. ORGANIC AGRICULTURE

Organic production is commodity production that is managed in accordance with the Organic Foods Production Act (OFPA) of 1990. The USDA National Organic Program (NOP) develops, implements, and administers national production, handling, and labeling standards for organic production.

Operations engaged in the production of organic food must produce commodities without the use of synthetic fertilizers, herbicides, pesticides, genetic engineering (biotechnology) growth hormones, or irradiation. These practices are usually required to be followed for a period of three years before the operation can be certified as an organic operation.

Operations or portions of operations that produce or handle agricultural products that are intended to be sold, labeled, or represented as "100 percent organic," "USDA organic," or "made with organic ingredients" or food group(s) must be certified by an accredited certifying agent. Producers and handling (processing) operations that sell less than \$5,000 a year in organic agricultural products do not have to be certified. Although exempt from certification, these producers and handlers must abide by the national standards for organic products and may label their products as "organic."

Item 2 - Check all that apply to describe the operation as it relates to organic agricultural production.

A USDA NOP certified operation has followed the organic production practices outlined above for a period of at least three years and has been certified by a state or private organic certification agency. Write the name of the certifying agency or organization in the space provided.

A USDA NOP exempt operation follows the organic production practices outlined above for a period of at least three years, but sells less than \$5,000 in commodity sales per year.

Transitioning acres are land that is transitioning from conventional production to USDA's NOP production practices outlined above. The acres have not met the three year time requirement for organic production.

There are operations which follow organic production practices but do not consider themselves USDA NOP certified or exempt. Operations such as "natural growers" or "pledge producers" may consider themselves in this classification.

Item 3 - Report the value of USDA NOP certified or exempt organically produced commodities sold from this operation in 2017. Producers that also grow and process the organic crops and sell the processed products should report only the "farm" value of the crop used to make the processed product. Do not include commodities sold from transitioning acres or commodities which are not USDA NOP certified.

SECTION 24. PRACTICES

Mark the appropriate “Yes” or “No” response for the practices on this operation during 2017.

Item 1a - The Bureau of Reclamation is an agency under the U.S. Department of the Interior that oversees water resource management, specifically as it applies to the oversight and/or operation of numerous water diversion, delivery, and storage projects and facilities.

Item 1b - Rotational grazing is the practice of subdividing pasture into smaller sections and grazing different sections at different times.

Item 1c - Alley cropping is defined as planting crops in strips in the alleys formed between rows of trees or shrubs, and silvopasturing is defined as grazing livestock on forage crops or pastures within an actively managed tree or shrub crop area. Alley cropping or silvopasture are specific practices of agroforestry; the management of trees in combination with other crops or livestock. The trees in an agroforestry system are used for fruit or nut crops or will otherwise be harvested at some point in the future as a short rotation woody crop or for timber.

Item 1d - Biomass is a renewable energy source and can include such crops as switchgrass, hemp, corn, poplar, willow, sorghum, sugarcane, and a variety of trees harvested for the purpose of making ethanol. Ethanol is then blended with gasoline.

Item 1e - On-farm packing facilities include equipment used to package bags, crates, hampers, baskets, cartons, etc. for the handling, transportation, or marketing of vegetables, potatoes, fruits, nuts, berries or other crops.

Item 1f - Veal calves are primarily male calves of dairy breeds. They are usually fed milk and milk by-products such as whey. Veal calves are slaughtered when only a few days old or up to around 30 weeks old.

Item 1g - Include any barn, used or not, on your operation that was built prior to 1960.

Item 2 - This applies to value added products that originated from crop or livestock commodities produced on the operation. Through further manufacture or processing, these items are transformed into products worth more than the originally produced commodity. Check “Yes” if these items were produced and SOLD in 2017.

Item 2a - Report the gross value of the sales of processed or value added products received in 2017.

Item 2b - Enter which processed or value added products were sold from this operation in 2017.

Item 3 - If this operation had access to the internet, check which service(s) were used.

SECTION 25. FOOD MARKETING PRACTICES

Item 1 - Complete this section if this operation grew or raised any crops, livestock, poultry, or their products that were sold directly to individual consumers or intermediate stores, cooperatives, etc. which were used for human consumption.

Item 2a - Report the gross value of sales of the crops, livestock, poultry, or their products from this operation that were sold directly to consumers and used for food. Specify the item(s) sold in the area provided.

Item 2b - Report the gross value of sales the crops, livestock, poultry, or their products from this operation that were sold to retail markets, supermarkets, schools, institutions, etc. and used for food. Specify the item(s) sold in the area provided.

SECTION 26. FERTILIZERS, CHEMICALS, AND SOIL CONDITIONERS APPLIED

Report the number of acres that were treated with fertilizers, manure, herbicides, insecticides, fungicides, nematicides, other pesticides, growth regulators, or other chemicals used on this operation during 2017 (rock phosphate, lime, and gypsum are included as fertilizers). Also report acres treated with chemicals to control growth, thin fruit, ripen, or defoliate. For all acres treated with chemicals, it will be necessary to report all acres treated regardless of who provided the materials, i.e., farm or ranch operator, landlord, custom sprayers, cooperatives, or contractors. If more than one application of fertilizer or chemicals was applied, report the acreage only once. Report in whole acres. Exclude the acreage reported in section 2, item 4, "All other land," to which fertilizer and chemicals were applied. Examples include farmsteads, livestock facilities, ditches, fence rows, road banks, etc., to which fertilizer or chemicals were applied.

ACRES TO WHICH FERTILIZER OR SOIL CONDITIONERS WERE APPLIED ON THIS OPERATION

Item 2a – Acres of cropland to which commercial fertilizer or soil conditions were applied in 2017 -

Report the acres of all cropland on this operation to which commercial fertilizer or soil conditioners were applied in 2017. Cropland used solely for pasture should be excluded.

Item 2b – Acres of pastureland to which commercial fertilizer or soil conditions were applied in 2017

- Report the total number of acres on this operation of pastureland and rangeland, including cropland pastured and woodland pasture, to which commercial fertilizer or soil conditions were applied in 2017.

ACRES TO WHICH MANURE WAS APPLIED ON THIS OPERATION

Item 3 – Acres of cropland and pastureland to which animal manure was applied in 2017 - Report the acres to which animal manure was applied in 2017. Animal manure includes beef, dairy, swine, horse, poultry, and exotic animals raised in captivity. Poultry manure includes all egg and meat birds, turkey, and other fowl raised in captivity. Manure includes solid or liquid form. Exclude municipal sludge.

ACRES TO WHICH ORGANIC FERTILIZER WAS APPLIED ON THIS OPERATION

Item 4 – Acres of cropland and pastureland to which organic fertilizer was applied in 2017 - Report the acres on the operation to which organic fertilizer was applied in 2017. Organic fertilizers include non-mineral material such as peat, chicken litter, compost, green manure, etc. Organic fertilizers include non-mineral material such as manure, peat, chicken litter, compost, green manure, etc.

ACRES TO WHICH CHEMICALS WERE APPLIED ON THIS OPERATION

Report the acres treated with chemical sprays, dusts, granules, and other materials. The same acres can be reported in more than one item listed. If two or more applications of the same chemical were

applied to the same acres, report the acres only once. If chemicals were applied to more than one crop raised on the same land, count the acres only once. Report all land treated, even if the crop was later abandoned.

Item 5a - Report the acres treated with chemicals to control insects on crops including hay and pastureland. Exclude acres treated only with parasitic insects or acres to which mechanical methods only were used to control insects.

Item 5b - Report the acres treated with chemicals to control weeds, grasses, or brush. Include acres treated with both pre-emergence and post-emergence applications. Exclude area in ditches, fence rows, road banks, etc., that were treated.

Item 5c - Report the acres treated to control nematodes.

Item 5d - Report acres treated to control diseases (blight, smut, rusts, etc.) in crops and orchards.

Item 6 - Report the acres of crops and orchards treated to control growth, thin fruit, ripen, or defoliate.

SECTION 27. RENEWABLE ENERGY

Item 1 - Check the renewable energy producing systems that were on this operation in 2017, regardless of ownership. Include all systems that generate energy, including heat. Include the value of energy sold from this operation in section 32, "Income From Farm-Related Sources," item 7.

Solar panels - A flat panel designed to capture the sun's energy. Include photovoltaic systems which convert light from the sun into electricity and also thermal systems that passively generate electricity.

Wind turbines - A device which converts wind power into electricity. Include wind generators, wind power units, wind energy converters and aero generators. Exclude windmills which do not produce electricity.

Methane digesters - A device which captures biogas resulting from the decomposition of manure, processing by-products, and other materials. Harvested biogas is used as a substitute for natural gas to power engines which generate electricity. It is fed into the natural gas pipeline or flared. Include methane digesters only if in production and used in 2017.

Geothermal/Geoexchange system - A system which captures heat stored in the earth.

Small hydro system - A water driven system which produces electricity by the gravitational force of falling or flowing water. Exclude water driven systems that only provide mechanical power, such as turning a grinding stone for a flour mill.

Biodiesel production system - Non-petroleum based diesel fuel made from vegetable oil or animal fats. It can be used alone or blended with conventional petroleum-based diesel fuel. Include only if there was production of biodiesel fuel.

Ethanol production system - A fuel produced by converting crops such as corn and sugarcane, biomass crops, or wood. This is generally blended with gasoline. Production of ethanol for fuel requires a permit from the ATF. Include only if there was production of ethanol for fuel.

Other - Any other on-farm device or system not listed above. Exclude gasoline or diesel generators for heating.

Item 2 - Check “Yes” if the operation allowed the installation of one or more wind generators and an access road to the equipment in exchange for a payment to the landowner. The landowner does not typically use any energy produced by these generators.

SECTION 28. MACHINERY AND EQUIPMENT

For the items listed in this section, report the total number usually kept on this operation on December 31, 2017 in the first column and of these, report the number that were manufactured in the last 5 years from 2013 through 2017 in the second column. Include the number of leased machines used for farm activities and on this operation on December 31, 2017. Mark the “none” box when appropriate. Do not include obsolete or abandoned equipment.

Item 1a – Trucks, including pickups - Report the number of trucks, including pickups, used in 2016 or 2017 that were on this operation on December 31, 2017.

Item 1b – Tractors less than 40 horsepower (PTO) - Report the number of tractors with less than 40 horsepower (PTO) used in 2016 or 2017 that were on this operation on December 31, 2017. Exclude garden tractors.

Item 1c – Tractors with 40 to 99 horsepower (PTO) - Report the number of tractors with 40 to 99 horsepower (PTO) used in 2016 or 2017 that were on this operation on December 31, 2017.

Item 1d – Tractors with 100 horsepower (PTO) or more - Report the number of tractors with 100 horsepower (PTO) or more used in 2016 or 2017 that were on this operation on December 31, 2017.

Item 1e – Grain and bean combines, self-propelled - Report the number of self-propelled grain and bean combines (used for harvesting and threshing operations) used in 2016 or 2017 that were on this operation on December 31, 2017. Include all grain combines equipped with picking head attachments for corn or grain harvest. Report self-propelled silage and forage harvesters in item 1g. Exclude all pull-type grain and bean combines.

Item 1f – Cotton pickers and strippers, self-propelled - Report the number self-propelled cotton pickers and strippers used in 2016 or 2017 that were on this operation on December 31, 2017.

Item 1g – Forage harvesters, self-propelled - Report the number of self-propelled forage harvesters used in 2016 or 2017 that were on this operation on December 31, 2017.

Item 1h – Hay balers - Report the number of hay balers used in 2016 or 2017 that were on this operation on December 31, 2017. Include pull type and self-propelled hay balers.

SECTION 29. FARM LABOR

Report the number of paid farm or ranch workers, including paid family members, who worked on this operation in 2017. Hired labor includes bookkeepers, office workers doing farm business, maintenance workers, field hands, machine operators, etc.

Item 1a - Report the number of hired farm or ranch workers, including paid family members and office workers, who worked on this operation **less than 150 days in 2017**. Exclude contract labor.

Item 1b - Report the number of hired farm or ranch workers, including paid family members and office workers, who worked on this operation **150 days or more in 2017**. Exclude contract labor.

Item 2 – Unpaid workers - Report the number of workers who worked without a wage or salary on the operation in 2017. Unpaid workers could include non-operator partners or family members who are not operators. Record the number of unpaid workers regardless of age or length of the time working, excluding the operator.

Item 3 – Migrant workers - Report the number of migrant workers who worked on the operation at any time during 2017. The definition of a migrant worker is a farm worker whose employment requires travel that prevents the worker from returning to his or her permanent place of residence the same day. Exclude contract labor.

SECTION 30. PRODUCTION EXPENSES

Report the production expenses paid for this operation in 2017. Include expenses paid by your landlord(s) and expenses connected with performing customwork for others. Tenant farmers should report expenses paid by landlords for the agricultural production on this operation, as well as report their expenses. Do not include expenses paid by contractors for items raised under a production contract. Please report estimates if exact figures are not known. Farm or ranch operators who rent part of their land to others should only report the expenses for the land they actually use themselves. Exclude production expenses for land that was rented to others in 2017.

Exclude expenses that were not related to the farm business that result from customwork that was an entirely separate business from this agricultural operation and household expenses not related to the farm. Exclude expenses paid by a contractor for contracted production and the cost of feed for animals kept for less than 30 days. Exclude expenses related to non-farm activities such as trading and speculation in the commodities market or livestock trading activities.

Item 1 – Fertilizer, lime, and soil conditioners purchased - Report the cost of all fertilizer used on this operation in 2017. Report all types of fertilizer including rock phosphate, gypsum, lime, manure purchased, and other organic materials. Include the cost of any custom applications.

Item 2 – Chemicals purchased - Report the cost of insecticides, herbicides, fungicides, other pesticides, etc. Include the cost of any custom applications.

Item 3 – Seeds, plants, vines, trees, etc., purchased - Report the cost of seeds purchased for all grains, soybeans, tobacco, cotton, etc. Also, report the cost of transplants, bulbs, propagation material, trees, etc. Estimate the values if necessary. Exclude items purchased for immediate resale or the value of seed grown and used on this operation. Please note, oyster seeds should be reported in Item 5, other livestock purchased.

Item 3a – Cover crop seed - Of the total seed expenses reported in item 3, report the amount of seed expenses paid for the planting of cover crops. A cover crop is a crop planted primarily to manage soil erosion, soil fertility, soil quality, water, weeds, pests, and diseases.

Item 4 – Breeding livestock purchased or leased - Report the total purchase or lease expense of breeding livestock, including dairy cattle, regardless of age during 2017.

Item 5 – All other livestock and poultry purchased or leased - Report the total cost or lease expense of stocker and feeder cattle, calves, sheep, lambs, feeder pigs, fertile eggs, chicks, poults, started pullets, horses, fish, aquaculture, goats, bee colonies, etc., for this operation during 2017. Also note, while young oysters ready to be “planted” in oyster beds are called “seeds,” the young oysters are aquatic animals and thus, should be reported under “all other livestock and poultry purchased or leased.”

Item 6 – Feed purchased for livestock and poultry - Report the cost of all feed purchased for livestock and poultry production on this operation during 2017. Include grain, hay, silage, mixed feeds, concentrates, supplements, premixes, etc.

Exclude the cost of feed purchased by production contractors and the cost of feed for livestock and poultry fed off this operation.

Item 7 – Gasoline, fuels, and oils purchased for the farm business - Report the total cost for gasoline, diesel, natural gas, L.P. gas, motor oil, and grease products for this operation during 2017. Exclude fuel for personal non-farm use of automobiles by the family, cooking, heating the farm house, and any other fuel expenses not related to farmwork on this operation.

Item 8 – Utilities purchased for the farm business - Report the cost of electricity, farm share of telephone and water purchased in 2017. Include the cost of water purchased for irrigation purposes. Include utility cost for operating irrigation equipment, automatic feeders, farrowing houses, poultry houses, milking equipment, or any other machinery and equipment used for the operation. Internet service which is purchased for the farm business should be reported here. Expenses for household use should, to the extent possible, be excluded.

Item 9 – Repairs, supplies, and maintenance costs for the farm business - Report all expenses for the upkeep of buildings, motor vehicles, and farm equipment. Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used for the farm business. Repairs to equipment used both for the farm business and for performing customwork, if the customwork is not considered an entirely separate business from this operation, should be reported here.

Exclude repairs to vehicles not used on this operation or for equipment used only for performing customwork when the customwork is a separate business. Exclude the cost for construction of new buildings or the cost of additions to existing buildings.

Item 10a – Hired farm and ranch labor - Report the total amount paid for farm or ranch labor including amount paid to regular workers, part-time workers, and members of the operator's family if they received payments for labor. Include costs for social security, workers' compensation, insurance premiums, pension plans, state taxes (paid by the employer), unemployment tax, sick leave or vacation pay, etc., paid by this operation in 2017. Combine all payments whether made by the hour, month, or by the unit of work done and enter the total.

Item 10b – Contract labor - Report the payments to contractors, crew leaders, cooperatives, or any organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural

operations. In some cases, a crew leader may furnish some equipment. Harvesting of fruits, vegetables, berries, etc., are commonly accomplished with the use of contract labor and crew leaders.

Exclude expenditures made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems, land leveling, etc.

Item 11 – Customwork and custom hauling - Report the cost of customwork done on this operation, such as spraying, harvesting, plowing, hauling, preparation of products for marketing, grinding and mixing feed, combining, corn picking, grain drying, chopping silage or haylage, etc. Report any expenses for the rental of machinery, such as tractors, tillage equipment, planters, combines, etc., in item 12b.

Exclude the cost of cotton ginning and the cost of applying fertilizers and chemicals. Ginning expenses are reported in this section, item 16. The cost of applying fertilizers and chemicals is reported in this section in item 1 and item 2, respectively.

Item 12a – Cash rent paid in 2017 - Report the cash rent paid for land and buildings on this operation in 2017. Include grazing fees. Exclude the rent paid for operator's dwelling or other non-farm property and the value of the shares of crops or livestock paid to landlords.

Item 12b – Rent and lease expenses for machinery, equipment, and farm share of vehicles - Report the rent and lease expenses for machinery, equipment, and farm share of vehicles used for this operation during 2017. Exclude rental and lease expense of items used only for custom hire.

Item 13a – Interest paid on debts secured by real estate - Report all interest expenses paid in 2017 on debt secured by this operation's real estate for the farm or ranch business on this operation. Include finance charges paid on mortgage loans for land and buildings on this operation.

Item 13b – Interest paid on debts not secured by real estate - Report all the interest expenses paid in 2017 on debt secured by machinery, tractors, trucks, other equipment, fertilizer, feed, seed, livestock, poultry, breeding stock, or borrowed for use as working capital. Also report unsecured signature interest and interest paid on CCC loans.

Exclude:

- Interest on debts not associated with the production of crops or livestock on the farm or ranch, such as land or buildings rented to others, packing sheds, or machinery and equipment used only for customwork that is a separate business from this operation.
- Interest on owner/operator dwelling where the amount is separated from interest on farm land and buildings on this operation.

Item 14 – Property taxes paid in 2017 - Report property taxes, etc., paid on the real estate, buildings, and livestock on this operation in 2017.

Exclude:

- Property taxes on land or buildings rented to someone else.

- Taxes paid by landlords.
- Property taxes paid on other land not associated with this operation, non-farm business property, and homes that were not part of this operation.
- Income and excise taxes.

Item 15 – Medical supplies, veterinary and livestock custom services - Report expenses paid by the operation in 2017 for medical supplies, veterinary and custom services for livestock.

Item 16 – Other production expenses - Report animal health cost, storage and warehousing, marketing and ginning expenses, miscellaneous farm supplies, insurance, beneficial insects, other organic materials for weed or pest control, bookkeeping charges, tax preparation fees, livestock commission fees, farm consultant fees, and farm production costs not previously reported in this section.

Exclude depreciation, expenditures for the purchase of land, buildings, new or used machinery, and health or payroll taxes.

Item 17 – Total production expenses - Add items 1-16 for the total production expenses paid by the operation in 2017.

Item 18 – Landlord production expenses - Report the landlord's share of all the 2017 production expenses listed in items 1 through 16. Tenant farmers should report expenses paid by landlords for agricultural activities on this operation. Farm or ranch operators who rent part of their land to others should not report production expenses on that land. They are to report only those expenses for agricultural operations on land they actually use themselves.

Item 19 – Landlord's share of total sales - Report the landlord's share of total sales for the operation in 2017. Include items here only if the operation rented on a share basis. Include the landlord's share of government payments. Exclude cash rent.

Item 20 – Depreciation - Report the depreciation expenses claimed by this operation in 2017 for all capital assets (estimate 2017 from 2016 if necessary).

SECTION 31. MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

Item 1 - Report the best estimate of the current market value of land and buildings OWNED, RENTED FROM OTHERS on this operation, and RENTED OR LEASED TO OTHERS. Frequently, the value of land and buildings must be estimated by the operator. This is especially true when reporting the market values of land and buildings rented from others. A real estate tax assessment value should not be used unless that value represents the current market value of the land and buildings. Do not deduct real estate marketing charges from your estimate.

Include the value of the operator's dwelling if part of this operation. Include the value of farm buildings and dwellings used by laborers, fruit packing and vegetable sheds, etc., that are used to prepare products of the farm for marketing.

Exclude major agricultural manufacturing or processing plants, such as cotton gins or sugar mills, and institutional or other associated buildings used for nonagricultural purposes, such as hospitals,

dormitories, stores, filling stations, factories, etc. Also, exclude residential real estate and old farmstead houses that remain on a farm property but are now rented to persons not associated with the farm business.

Item 2 – Estimated value of machinery and equipment - Report your estimated current market value of all machinery and equipment used for farm activities on this operation, regardless of ownership, on December 31, 2017. Report for all machinery and equipment kept on this operation and used for the farm or ranch business during 2016 or 2017. This value should be an estimate of what the machinery and equipment would sell for in the present condition and not the replacement or depreciated value. Include cars and pickups used for the farm business, trucks, tractors, tools, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment, tanks, feeders, grinding and mixing equipment, computers, etc. Include the value of leased equipment that was used for farm activities and on this operation on December 31, 2017.

Do not report share interest; report full value. Machinery kept on this operation for **customwork use only** should not be included here. However, equipment that was used for farm activities and also used for customwork, such as crop dusting airplanes, sprayers, or no-till grain drills, should be included.

Permanently installed equipment such as dairy equipment, feeders and feed mixers, animal hoists, or equipment that is an integral part of a building should be included as a part of the value of land and buildings.

SECTION 32. INCOME FROM FARM-RELATED SOURCES

Report income from activities which use part of the labor, land, equipment, or capital normally used on this operation and which DO NOT constitute a separate operation from this farming or ranching operation. Report the amount of income received before taxes and expenses in 2017. Report value(s) in whole dollars. Exclude income from off-farm employment.

Item 1 - Report total income from customwork and other agricultural services provided for farmers, neighbors, or others such as spraying, harvesting, plowing, and preparation of products for market. Exclude income if customwork is an entirely separate business from the agricultural operation.

Item 2 - Report total income received from **cash rent or share payments** from renting out farmland or payments received from lease or sale of allotments. Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc.

Item 3 - Report total income from the sales of forest products, including pulpwood, timber, firewood, etc. Exclude sales of Christmas trees, short rotation woody crops, and maple products. These sales are reported in section 9.

Item 4 - Report total income received from agri-tourism and recreational services, such as farm or winery tours, hay rides, corn maze fees, hunting, fishing, etc.

Item 5 - Report total income from patronage dividends and refunds from cooperatives.

Item 6 - Report the crop and livestock insurance payments that were **received** by this operation in 2017. Exclude payments received from casualty insurance, vehicle liability, blanket liability policies, and operator dwelling insurance.

Item 7 - Report the total other income that is closely related to the agricultural operation including animal boarding, tobacco quota buyouts and settlements, state fuel tax refunds, renting and leasing farm machinery and trucks to others, farm-generated energy (exclude credit received for net metering), pollination fees, etc. If horse breeding (stud) fees were received, report the horse breeding (stud) fees in section 21, item 3. Specify the type of income in the space provided.

SECTION 33. AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

Item 1 - Report "Yes" to item 1 and complete this section if this operation had cropland or livestock within the borders of an American Indian Reservation, Pueblo, or Service Area.

Item 2 - Print the name of the American Indian Reservation, Pueblo, or Service Area and state where the agricultural activity was located.

Item 3 - Report how many total acres this operation used for cropland or livestock within this Reservation, Pueblo, or Service Area in 2017. Include deeded acres owned or leased from others. Exclude land used on a per-head or Animal Unit per Month (AUM) basis. If all land used on the Reservation is AUM grazing land, then 0 acres is the proper entry.

Item 3a - Report how many of the acres reported in item 3 were harvested cropland.

Item 4 - Mark the appropriate "Yes" or "No" box whether this operation had any livestock on the American Indian Reservation, Pueblo, or Service Area in 2017. Include livestock on land used on a per-head or animal unit month (AUM) basis. If the response is "No," go to section 34.

Item 4a - If the response to item 4 was "Yes," then mark the box of the percent range that best represents the percentage of this operation's livestock that were on the Reservation, Pueblo, or Service Area on December 31, 2017. Mark **only one** box.

SECTION 34. CONCLUSION

Item 1 – Possible duplication - It is important that we avoid duplication on our list of farms and ranches. Indicate if it is possible that the information on this form for this operation would be reported by another operation or under another name or address. If yes, print the other name, address, city, state, and zip code.

Item 2 – Additional Farm or Ranch - Indicate whether the principal operator (the individual named on the label) makes any day-to-day decisions for another farm or ranch. If yes, indicate whether a report form was received for this additional farm or ranch in **item 2a** and print the name of the additional farm or ranch and telephone number where the respondent can be reached.

Item 2b - Indicate whether all the data for the additional farm or ranch was included in this report form. Do not make changes to the data in this report, regardless of your answer.

APPENDIX A.

GENERAL REPORT FORM AND INSTRUCTION SHEET

The general report form and instruction sheet are on the following pages.

UNITED STATES 2017 CENSUS OF AGRICULTURE

Form Number: 17-A100
(12/13/2016)



National Agricultural
Statistics Service

Return your
completed report to:

Census of Agriculture
1201 East 10th Street
Jeffersonville, IN 47132

OFFICE USE ONLY

17-A100

0013		
0011	0012	
0014	0015	0016
0021	0022	0023

Make corrections to name, address, and ZIP code if necessary.

Complete your report by mail or via the internet at www.agcounts.usda.gov.

- **Your report is due by February 5, 2018.**
- To fill out the paper form, use a black or blue ballpoint pen.
- **Duplicate forms?** If you received extra Census report forms for the SAME farming operation, return all report forms in the same envelope with this completed report.

Print the information below for the person completing this form:

Name
1092

Area Code and Phone Number
1093 - -

Date Completed (MM-DD-YYYY)
1094 - -

E-mail
1095

THANK YOU FOR YOUR COOPERATION.
Questions? Call us toll free at 1-888-424-7828.
¿Preguntas? Llámennos libre de cargos al 1-888-424-7828.

The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws. For more information on how we protect your information please visit: www.nass.usda.gov/confidentiality. Response to this survey is required by law under Title 7 USC 2204(g) Public Law 105-113.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0226. The time required to complete this information collection is estimated to average 50 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

17100017



SECTION 1 ACREAGE IN 2017																	
<p>Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of this form. Include ALL LAND, REGARDLESS OF LOCATION OR USE - cropland, Conservation Reserve Program (CRP) and Wetlands Reserve Program (WRP) land, pastureland, rangeland, woodland, idle land, farmsteads, etc.</p>																	
<p>1. Number of acres OWNED. 0043 <input type="checkbox"/> <small>Mark "X" If None</small></p>	BOX A																
<p>2. Total number of acres RENTED or LEASED FROM OTHERS</p> <p><u>INCLUDE</u></p> <ul style="list-style-type: none"> • land worked by you on shares • land used rent free in exchange for services, payment of taxes, etc. • Federal, State, and railroad land leased on a per acre basis • land rented or leased by you for cash <p><u>EXCLUDE</u></p> <ul style="list-style-type: none"> • land used on a fee per-head or animal unit month (AUM) basis. 0044 <input type="checkbox"/> 	BOX B																
<p>3. Number of acres RENTED or LEASED TO OTHERS</p> <p><u>INCLUDE LAND</u></p> <ul style="list-style-type: none"> • worked on shares by others • subleased • rented or leased to others for cash • used rent free in exchange for services, payment of taxes, etc. <p><u>EXCLUDE acres enrolled in:</u></p> <ul style="list-style-type: none"> • Conservation Reserve Program (CRP) • Wetlands Reserve Program (WRP) • Farmable Wetlands Program (FWP) • Conservation Reserve Enhancement Program (CREP) • acres rented or leased to others part of the year. 0045 <input type="checkbox"/> 	BOX C																
<p>a. How many acres rented or leased to others (Box C above) did this operation own? 0053 <input type="checkbox"/> <small>Mark "X" If None</small></p>	Number of Acres																
<p>4. Enter the figures from the boxes above to determine your total acres operated:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">BOX A</td> <td style="text-align: center; padding: 0 10px;">+</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">BOX B</td> <td style="text-align: center; padding: 0 10px;">-</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">BOX C</td> <td style="text-align: center; padding: 0 10px;">=</td> <td style="padding: 0 10px;">0046</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">BOX D</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td></td> <td style="border: 1px solid black; height: 20px;"></td> <td></td> <td style="border: 1px solid black; height: 20px;"></td> <td></td> <td></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	BOX A	+	BOX B	-	BOX C	=	0046	BOX D									
BOX A	+	BOX B	-	BOX C	=	0046	BOX D										
<p>5. Does the figure in Box D = 0?</p> <p><input type="checkbox"/> Yes - Refer to the instruction sheet to complete this form</p> <p><input type="checkbox"/> No - Continue</p>																	
<p>6. Did this operation pay on a fee per-head or animal unit month (AUM) basis to use any land?</p> <p>0040 1 <input type="checkbox"/> Yes - Continue 3 <input type="checkbox"/> No - Go to item 7</p>																	
<p>a. If yes, how many acres? 1160 <input type="checkbox"/> <small>Don't Know</small> 0041</p>	Number of Acres																
<p>b. DO NOT include these acres in the boxes above. If you did, GO BACK and EXCLUDE them from the boxes above and recalculate BOX D.</p>																	
<p>7. Considering the total acres in Box D above, in what county was the largest value of this operation's agricultural products raised or produced?</p>																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">Principal County Name</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">State</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">Number of Acres</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	Principal County Name	State	Number of Acres														
Principal County Name	State	Number of Acres															
<p>a. If this operation had agricultural activity in any other county, enter the county name(s), etc.</p>																	
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">Other County Name(s)</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">State</td> <td style="border: 1px solid black; background-color: #e0f2f1; text-align: center; padding: 5px;">Number of Acres</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	Other County Name(s)	State	Number of Acres														
Other County Name(s)	State	Number of Acres															



SECTION 2 LAND USE IN 2017

Report how the acres in Box D on the previous page were used.

- For acres used for more than one purpose, report them in the first item that applies.
- Report each acre only once on this page.
- Report acres in CRP, WRP, FWP, and CREP in the most appropriate land use below.

1. Cropland

a. Cropland harvested

INCLUDE

- land from which field crops were harvested or hay was cut
- land used for vegetables
- land used for nursery and greenhouses (round to the nearest acre)
- land used for orchards, vineyards, citrus groves, Christmas trees, short rotation woody crops, fruits, nuts, and berries (bearing and nonbearing) 0787

Mark "X" If None

Number of Acres
<input type="checkbox"/>

b. Cropland on which all crops failed or were abandoned – Exclude land in orchards and vineyards 0790

--

c. Cropland in summer fallow (cultivated cropland on which no crops or hay were harvested during the 2017 growing season). 0791

--

d. Cropland idle or used for cover crops or soil-improvement but not harvested and not pastured or grazed. 1062

--

2. Pasture

a. Permanent pasture and rangeland 0796

--

b. Woodland pastured. 0794

--

c. Other pasture and grazing land (including rotational pasture) that could have been used for crops without additional improvements. 0788

--

3. Woodland not pastured

INCLUDE

- woodlots
- timber tracts
- sugarbush 0795

--

4. All other land

INCLUDE

- farmsteads, home, and buildings
- livestock facilities
- ponds
- roads
- wasteland, etc. 0797

--

BOX E

5. **TOTAL ACRES** - Add items 1-4 to determine your total acres operated 0798

6. Does Box E above = Box D on the previous page?

Yes - Continue

No - Go back and correct your figures. These figures should be the same.

The acres in Box E will be referred to as “this operation” for the remainder of this form.



SECTION 3		LAND RENTED OR LEASED FROM OTHERS FOR CASH	
1. In 2017, did this operation rent or lease any cropland or pasture acres from others for cash ? Exclude land rented or leased on a share basis, per-head or AUM basis, free of charge, and rent that includes buildings, such as barns.			
3420	1	<input type="checkbox"/> Yes - Complete this section	3 <input type="checkbox"/> No - Go to SECTION 4
			Mark "X" If None
2.		How many acres of non-irrigated cropland were rented or leased for cash? Include fruit, nut, berry, vineyard, nursery, and hay land 3421	<input type="checkbox"/>
			Number of Acres
3.		How many acres of irrigated cropland were rented or leased for cash? Include fruit, nut, berry, vineyard, nursery, and hay land 3424	<input type="checkbox"/>
4.		How many acres of permanent pasture, grazing, or grassland were rented or leased for cash? Exclude Federal, State, and other types of land rented or leased on an animal unit month (AUM) basis 3427	<input type="checkbox"/>

SECTION 4		LAND USE PRACTICES	
1. During 2017, considering the total acres on this operation, how many acres –			
			Mark "X" If None
a.		Were drained by tile? 3450	<input type="checkbox"/>
b.		Were artificially drained by ditches? 3451	<input type="checkbox"/>
c.		Were under a conservation easement? 3452	<input type="checkbox"/>
2. During 2017, considering the cropland acres on this operation, [on] how many acres –			
a.		Were no-till practices used? 3455	<input type="checkbox"/>
b.		Were reduced (conservation) tillage, excluding no-till, practices used? 3454	<input type="checkbox"/>
c.		Were intensive (conventional) tillage practices used? 3453	<input type="checkbox"/>
d.		Were planted to a cover crop? (Cover crops are planted primarily for managing soil fertility, soil quality, and controlling weeds, pests, and diseases.) Exclude CRP acres. 3456	<input type="checkbox"/>
3. During 2017, considering the acres irrigated by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. on this operation –			
			Irrigated Acres
a.		How many acres of harvested cropland were irrigated? 0680	<input type="checkbox"/>
b.		How many acres of pastureland, rangeland, abandoned cropland, and other land were irrigated? 0681	<input type="checkbox"/>
4.		How many acres on this operation were irrigated at least once in the past five years (2013-2017)? 5680	<input type="checkbox"/>



SECTION 5 CROP INSURANCE AND GOVERNMENT PROGRAMS

		Mark "X" If None	Number of Acres
1.	How many acres in this operation were covered under any crop insurance policy in 2017?	1067 <input type="checkbox"/>	<input type="text"/>
2.	How many acres in this operation were enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) on September 30, 2017?	0683 <input type="checkbox"/>	<input type="text"/>
			Dollars
a.	What was the amount received in 2017 for participation in these programs?	0685 <input type="checkbox"/>	\$ <input type="text"/> .00
3.	What was the amount received in 2017 for all other Federal agricultural program payments? Exclude any type of insurance payments received.	1422 <input type="checkbox"/>	\$ <input type="text"/> .00
4.	What was the amount received in 2017 from state and local government agricultural program payments?	1423 <input type="checkbox"/>	\$ <input type="text"/> .00
5.	What was the total amount received in 2017 from Commodity Credit Corporation (CCC) loans for all commodities?	1411 <input type="checkbox"/>	\$ <input type="text"/> .00
6.	What was the total amount spent in 2017 to repay CCC loans?	1414 <input type="checkbox"/>	\$ <input type="text"/> .00
7.	Do you know that you have the right to appeal an adverse program decision to USDA's National Appeals Division?	1416 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	

SECTION 6 TYPE OF ORGANIZATION

1. In 2017, was more than 50 percent of this operation owned by an operator's household and/or extended family?
 Mark "yes" if more than 50 percent of the assets of this operation are owned by one of the operators, members of their household, and/or other persons related to them by blood, marriage, or adoption, including relatives not residing in his/her household. Consider only farm and ranch assets owned – not rented or leased – by this operation, and exclude the assets held by non-family landlords and contractors

1672 1 Yes 3 No

2. Was this operation organized as a Limited Liability Company (LLC) under State law?

1673 1 Yes 3 No

3. In 2017, what was this operation's legal status for tax purposes? Mark one answer only:

1671

1 Family or individual operation – Exclude partnerships and corporations.

2 Partnership operation – Include family partnerships.

➔ • Is this partnership registered under state law?

1567 1 Yes 3 No

3 Incorporated under state law –

➔ • Is this a family-held corporation?

1681 1 Yes 3 No

• Are there more than 10 stockholders?

1683 1 Yes 3 No

4 Other, such as estate or trust, prison farm, grazing association, American Indian Reservation, etc. Specify type

1685

		Number
4.	In 2017, how many households shared in the net farm income of this operation?	1608 <input type="text"/>

17100058



SECTION 7 PERSONAL CHARACTERISTICS

1. In 2017, how many men and women were involved in decisions for this operation (include family members and hired managers)? Exclude hired workers unless they were a hired manager or family member. 1571

Men

 1574

Women

2. Answer the following questions for up to four individuals who were involved in the decisions for this operation as of **December 31, 2017.**

	Person 1	Person 2	Person 3	Person 4
	1836	1852	1872	1873
a. Full name				
b. Is this person completing this form?	1610 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1611 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1612 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1613 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
c. Sex	1926 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1586 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1597 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female	1614 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female
d. What was this person's age on December 31, 2017?	1925 <input style="width: 40px; height: 20px;" type="text"/> age	1585 <input style="width: 40px; height: 20px;" type="text"/> age	1596 <input style="width: 40px; height: 20px;" type="text"/> age	1615 <input style="width: 40px; height: 20px;" type="text"/> age
e. Is this person of Hispanic, Latino, or Spanish origin?	1927 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1587 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1598 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1622 Hispanic, Latino, or Spanish origin 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
f. Race	<p style="text-align: center;">Mark one or more.</p> 2701 <input type="checkbox"/> White 2702 <input type="checkbox"/> Black or African American 2703 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↴ <input style="width: 60px; height: 20px;" type="text"/> 2733 <input style="width: 60px; height: 20px;" type="text"/> 2705 <input type="checkbox"/> Asian 2704 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p style="text-align: center;">Mark one or more.</p> 1801 <input type="checkbox"/> White 1802 <input type="checkbox"/> Black or African American 1803 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↴ <input style="width: 60px; height: 20px;" type="text"/> 1833 <input style="width: 60px; height: 20px;" type="text"/> 1805 <input type="checkbox"/> Asian 1804 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p style="text-align: center;">Mark one or more.</p> 1901 <input type="checkbox"/> White 1902 <input type="checkbox"/> Black or African American 1903 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↴ <input style="width: 60px; height: 20px;" type="text"/> 1933 <input style="width: 60px; height: 20px;" type="text"/> 1905 <input type="checkbox"/> Asian 1904 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander	<p style="text-align: center;">Mark one or more.</p> 1616 <input type="checkbox"/> White 1617 <input type="checkbox"/> Black or African American 1618 <input type="checkbox"/> American Indian or Alaska Native. Specify tribe ↴ <input style="width: 60px; height: 20px;" type="text"/> 1619 <input style="width: 60px; height: 20px;" type="text"/> 1620 <input type="checkbox"/> Asian 1621 <input type="checkbox"/> Native Hawaiian or Other Pacific Islander
g. At which occupation did this person spend the majority (50 percent or more) of his/her worktime in 2017?	1928 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1580 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1591 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching	1623 Mark one. 1 <input type="checkbox"/> Farm or ranch work 2 <input type="checkbox"/> Work other than farming or ranching
h. Is this person retired from farming or ranching?	1924 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1582 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1593 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1624 1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
i. How many days did this person work off the farm in 2017? Include days in which the person worked at least four hours per day in an off-farm job. Include work on someone else's farm for pay	1929 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1831 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1931 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more	1625 Mark one. 1 <input type="checkbox"/> None 2 <input type="checkbox"/> 1 - 49 days 3 <input type="checkbox"/> 50 - 99 days 4 <input type="checkbox"/> 100 - 199 days 5 <input type="checkbox"/> 200 days or more



SECTION 7		CONTINUED -						
		Person 1, continued	Person 2, continued	Person 3, continued	Person 4, continued			
j. Did this person live on this operation at any time in 2017?	1923	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1581	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1592	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1626	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
k. In what year did this person begin to operate any part of THIS operation?	1930	<input type="text"/>	1584	<input type="text"/>	1595	<input type="text"/>	1627	<input type="text"/>
l. In what year did this person begin to operate ANY farm operation?	2834	<input type="text"/>	1851	<input type="text"/>	1871	<input type="text"/>	1628	<input type="text"/>
m. Has this person ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	1633	Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1634	Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1635	Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now	1636	Mark one. 1 <input type="checkbox"/> Never served in the military 2 <input type="checkbox"/> Only on active duty for training in the Reserves or National Guard 3 <input type="checkbox"/> Now on active duty 4 <input type="checkbox"/> On active duty in the past, but not now
	n. How many people lived in this person's household in 2017?	2577	<input type="text"/> number	1589	<input type="text"/> number	1600	<input type="text"/> number	1637
o. Was this person hired and paid a salary or wages to manage this operation?	2576	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1588	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1599	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1641	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
3. Was this person involved in these specific decisions as of December 31, 2017 ? For each person and for each item, mark all that apply.								
a. Day-to-day decisions b. Land use and/or crop decisions, including planting, crop spraying, or other, e.g., grazing c. Livestock decisions, including purchases, sales, breeding, and pasturing d. Record keeping and/or financial management e. Estate planning or succession planning	1642	1 <input type="checkbox"/>	1643	1 <input type="checkbox"/>	1644	1 <input type="checkbox"/>	1645	1 <input type="checkbox"/>
	1650	1 <input type="checkbox"/>	1651	1 <input type="checkbox"/>	1652	1 <input type="checkbox"/>	1653	1 <input type="checkbox"/>
	1654	1 <input type="checkbox"/>	1655	1 <input type="checkbox"/>	1656	1 <input type="checkbox"/>	1657	1 <input type="checkbox"/>
	1776	1 <input type="checkbox"/>	1777	1 <input type="checkbox"/>	1778	1 <input type="checkbox"/>	1779	1 <input type="checkbox"/>
	1757	1 <input type="checkbox"/>	1758	1 <input type="checkbox"/>	1759	1 <input type="checkbox"/>	1760	1 <input type="checkbox"/>
4. Is this person a Principal Operator or Senior Partner? 5. Is this person the spouse of a Principal Operator or Senior Partner?	1765	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1766	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1767	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1768	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No
	1769	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1590	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1601	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No	1773	1 <input type="checkbox"/> Yes 3 <input type="checkbox"/> No



SECTION 8 HAY AND FORAGE CROPS

1. Were any hay or forage crops cut or harvested from this operation in 2017?
INCLUDE • your landlord's share and crops grown under contract EXCLUDE • crops grown on land rented to others

1152 1 **Yes** - Complete this section 3 **No** - Go to SECTION 9

2. All land from which dry hay, haylage, grass silage, or greenchop was cut or forage was harvested in 2017. Exclude straw, corn silage, and sorghum silage. 1021

Acres Harvested	Acres Irrigated

3. Report gross value of hay and forage sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts 1328

Gross Value of Sales (Dollars)
\$.00

For items 4 through 7, when both dry hay and haylage were cut from the same acres, report acres for each type. If two or more cuttings were made from the same acres, report acres for that item only once, but report total quantity harvested from all cuttings.

	Mark "X" If None	Acres Harvested	Acres Irrigated	Total Tons Harvested	OR	Total Number of Bales	Average Weight per Bale
4. Alfalfa and alfalfa mixtures for dry hay. . . 0103 <input type="checkbox"/>					OR		
5. Haylage or greenchop from alfalfa or alfalfa mixtures 1070 <input type="checkbox"/>					OR		
6. Other dry hay from barley, clover, fescue, lespedeza, oats, rye, timothy, wheat, wild, Bermuda grass, Sudangrass, etc. 4111 <input type="checkbox"/>					OR		
7. All other haylage, grass silage, and greenchop. 1073 <input type="checkbox"/>					OR		

SECTION 9 CULTIVATED CHRISTMAS TREES, SHORT ROTATION WOODY CROPS, AND MAPLE SYRUP

1. Were any Christmas trees or woodland crops grown, harvested, or tapped on this operation in 2017?
INCLUDE • your landlord's share and crops grown under contract EXCLUDE • crops grown on land rented to others

1153 1 **Yes** - Complete this section 3 **No** - Go to SECTION 10

For items 2 through 4, fill in the columns below for this operation in 2017.
 • Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
 • Exclude from sales dollars for items produced under production contracts.

2. Cultivated Christmas trees - cut or to be cut. Exclude wild harvested trees. Report live trees sold in SECTION 11. . . 1023

Acres in Production	Number of Trees Cut	Acres Irrigated	Gross Value of Sales (Dollars)
			\$.00

3. Short rotation woody crops - trees with growth cycles of 10 years or less. Exclude nursery trees, evergreens for replanting, and timber. Report nursery stock in SECTION 11. 1025

Acres in Production	Acres Harvested	Acres Irrigated	Gross Value of Sales (Dollars)
			\$.00

4. Maple syrup. 0800

Number of Taps	Syrup Produced	Gross Value of Sales (Dollars)
	Gallons	\$.00



SECTION 10 FIELD CROPS

1. Were any field crops, such as corn, soybeans, wheat, etc., harvested from this operation in 2017?

INCLUDE

- your landlord's share and crops grown under contract

EXCLUDE

- crops grown on land rented to others

¹⁰¹¹ 1 **Yes** - Complete this section 3 **No** - Go to SECTION 11

2. Acres from which field crops were harvested in 2017.

Report multiple cropped acreage only once 1780

Acres Harvested	Acres Irrigated

3. Fill in the columns below for all field crops harvested from this operation in 2017. Enter the crop name and code from the table below.

- Report production in the units specified next to the crop.
- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Field Crop Name	Enter Code	Acres Harvested	Total Production Harvested	Acres Irrigated	Gross Value of Sales (Dollars)
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00
					\$.00

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

FIELD CROPS	CODE	FIELD CROPS	CODE	FIELD CROPS	CODE
Alfalfa seed (pounds)	542	Hops (pounds)	623	Sorghum for grain or seed - include milo (bushels)	082
Bahia grass seed (pounds)	651	Indian corn (pounds)	695	Sorghum for silage or greenchop - exclude sorghum-sudan crosses (tons)	085
Barley for grain or seed (bushels)	079	Jojoba (pounds)	626	Sorghum for syrup (gallons)	704
Beans, dry edible - exclude chickpeas and limas (hundredweight)	554	Kentucky bluegrass seed (pounds)	629	Soybeans for beans (bushels)	088
Bentgrass seed (pounds)	560	Lentils (hundredweight)	635	Sudangrass seed (pounds)	713
Bermuda grass seed (pounds)	563	Lespedeza seed (pounds)	638	Sugarbeets for seed (pounds)	716
Birdsfoot trefoil seed (pounds)	566	Lima beans, dry (hundredweight)	557	Sugarbeets for sugar (tons)	719
Bromegrass seed (pounds)	569	Mint, peppermint (pounds of oil)	047	Sugarcane for seed (tons)	725
Buckwheat (bushels)	575	Mint, spearmint (pounds of oil)	050	Sugarcane for sugar (tons)	722
Camelina (pounds)	608	Mint, tea leaves (pounds)	767	Sunflower seed, non-oil variety (pounds)	776
Canola, edible (pounds)	614	Miscanthus (tons)	641	Sunflower seed, oil variety (pounds)	773
Chickpeas, all (garbanzos) (hundredweight)	2816	Mustard seed (pounds)	650	Sweet corn for seed (pounds)	740
Clover, crimson clover seed (pounds)	593	Oats for grain or seed (bushels)	076	Switchgrass (tons)	647
Clover, red clover seed (pounds)	671	Orchardgrass seed (pounds)	653	Timothy seed (pounds)	746
Clover, white clover seed (pounds)	761	Peanuts for nuts (pounds)	656	Tobacco (pounds) - Report to the nearest tenth acre	094
Corn for grain or seed (bushels)	067	Peas, Austrian winter peas (hundredweight)	548	Triticale for grain (bushels)	749
Corn for silage or greenchop (tons)	070	Peas, dry edible (hundredweight)	659	Vetch seed (pounds)	755
Cotton, Pima (bales) - include cottonseed in value of sales only	644	Peas, dry southern/cowpeas (bushels)	584	Wheat, durum for grain or seed (bushels)	578
Cotton, Upland (bales) - include cottonseed in value of sales only	581	Popcorn (pounds shelled)	662	Wheat, other spring for grain or seed (bushels)	728
Dill for oil (pounds)	596	Potatoes - report in SECTION 12		Wheat, winter for grain or seed (bushels)	572
Emmer and spelt (bushels)	599	Proso millet for grain or seed (bushels)	665	Wheatgrass seed (pounds)	758
Fescue seed (pounds)	602	Rapeseed (pounds)	668	Wild rice (hundredweight)	764
Flaxseed (bushels)	605	Rice (hundredweight)	677	Other seeds, specify above (pounds)	770
Guar (pounds)	617	Rye for grain or seed - exclude ryegrass (bushels)	686	Other field crop, specify above (pounds)	752
Herbs, dried (pounds)	620	Ryegrass seed (pounds)	689		
		Safflower (pounds)	692		
		Sesame (pounds)	701		



SECTION 11 NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

1. Were any nursery, floriculture, or greenhouse crops, including ornamental plants, flowers, mushrooms, aquatic plants, sod, food and other crops grown under protection, vegetable seeds, flower seeds, or other propagative materials grown for sale on this operation in 2017? Report food crops temporarily covered for early germination, frost protection, etc. in SECTION 12 or 13.

INCLUDE
 • crops produced, including under contract
 • food crops grown in greenhouses, caves, and high tunnels where crops were always covered

EXCLUDE
 • home garden, personal or home use crops
 • finished plants purchased from others and resold

1032 1 **Yes** - Complete this section 3 **No** - Go to SECTION 12

2. Report total area and irrigated area on which nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials were grown under glass or other protection in 2017 0474 Mark "X" If None

Square Feet Under Glass or Other Protection	
Total Area	Irrigated Area

3. Report total acres and irrigated acres on which nursery, greenhouse, floriculture, sod, mushrooms, and propagative materials were grown in the open in 2017 0476

Acres in the Open			
Total Acres	Tenths	Irrigated Acres	Tenths

4. Fill in the columns below for all nursery, greenhouse, floriculture, sod, mushrooms, vegetable seeds, and propagative materials grown for sale on this operation in 2017. Enter the crop name and code from the table below.
 • Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
 • Exclude from sales dollars for items produced under production contracts.

Enter Nursery, Greenhouse, Floriculture, Sod, Mushroom, Vegetable Seed, or Propagative Material Name	Enter Code	Square Feet Under Glass or Other Protection	Acres in the Open		Gross Value of Sales (Dollars)
			Acres	Tenths	
					\$00
					\$00
					\$00
					\$00
					\$00
					\$00

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

FLORICULTURE AND BEDDING CROPS	CODE	PROPAGATIVE MATERIALS SOLD	CODE
Bedding/Garden plants - annuals, herbaceous perennials, vegetable plants - Include hanging baskets	0479	Bulbs, corms, rhizomes, and tubers, dry	0482
Cut flowers and cut florist greens	0485	Cuttings, seedlings, liners, plugs	1002
Foliage plants, indoor - Include hanging baskets	0707	Flower seeds	0882
Potted flowering plants	0710	Tobacco plants sold for transplant to farm fields	1004
Other floriculture and bedding, specify above	1015	Vegetable seeds	0884
NURSERY CROPS	CODE	Vegetable transplants to farm fields	1006
Nursery stock - ornamentals, shrubs, shade trees, flowering trees, evergreens, live Christmas trees, fruit and nut trees and plants, vines, palms, ornamental grasses, and bareroot herbaceous perennials	0488	FOOD CROPS GROWN UNDER GLASS OR OTHER PROTECTION	CODE
Aquatic plants	0880	Tomatoes	1019
SOD	CODE	Other vegetables and fresh cut herbs	0503
Sod harvested	0497	Fruits and berries	1008
		MUSHROOM CROPS	CODE
		Mushrooms - Report growing area and sales	0494
		Mushroom spawn - Report sales only	2495



SECTION 12 VEGETABLES, POTATOES, AND MELONS

1. Were any vegetables, potatoes, sweet corn, or melons harvested from this operation in 2017? Report crops grown under glass or other protection in SECTION 11.

INCLUDE

- crops grown under contract

EXCLUDE

- home garden, personal or home use crops

1101 1 **Yes** - Complete this section 3 **No** - Go to SECTION 13

2. Acres from which vegetables, potatoes, and melons were harvested in 2017. Report multiple cropped acreage only once 0375

Acres Harvested		Acres Irrigated	
Acres	Tenths	Acres	Tenths

3. Report gross value of vegetables, potatoes, and melons sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. 1368

Mark "X" If None

Gross Value of Sales (Dollars)

\$ _____ .00

4. Fill in the columns below for all vegetables, potatoes, and melons harvested from this operation in 2017. Enter the crop name and code from the table below.

- If more than one vegetable crop was harvested from the same acres, report acres for each crop.
- For two or more pickings of the same crop, report the area harvested only once.
- Processing refers to vegetables that have been altered by heat, pressure, or freezing.

Enter Vegetable, Potato, or Melon Name	Enter Code	Total Acres Harvested		Acres Harvested for Fresh Market		Acres Harvested for Processing	
		Acres	Tenths	Acres	Tenths	Acres	Tenths

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

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Artichokes - exclude Jerusalem	0377	Garlic	0421	Peppers, other than bell -	
Asparagus, bearing age	0418	Ginger root	0611	include chile	0445
Beans, lima	0429	Ginseng	0446	Potatoes	0097
Beans, snap (bush and pole)	0381	Herbs, fresh cut	0455	Pumpkins	0449
Beets	0383	Honeydew melons	0423	Radishes	0451
Broccoli	0385	Horseradish	0424	Rhubarb	0453
Brussels sprouts	0387	Kale	0425	Spinach	0457
Cabbage, Chinese		Lettuce, head	0428	Squash, summer	0468
(nappa, bok choy, etc.)	0389	Lettuce, leaf	0430	Squash, winter	0470
Cabbage, head	0391	Lettuce, Romaine	0432	Sweet corn	0461
Cabbage, mustard	0393	Mustard greens	0431	Sweet potatoes	0100
Cantaloupes and muskmelons	0395	Okra	0437	Taro	0743
Carrots	0397	Onions, dry	0433	Tomatoes in the open	0463
Cauliflower	0399	Onions, green	0435	Turnip greens	0467
Celery	0401	Parsley	0439	Turnips	0465
Chicory	0403	Peas, Chinese (sugar, snow)	0405	Watercress	0471
Collards	0407	Peas, green	0441	Watermelons	0473
Cucumbers and pickles	0411	Peas, southern (cowpeas) -		Other vegetables, specify above	0475
Daikon	0413	blackeyed, crowder, etc	0409		
Eggplant	0415	Peppers, bell - exclude pimientos	0443		
Escarole and endive	0417				



SECTION 13 FRUIT, NUTS, AND BERRIES

1. Were any fruit or nut trees, including grapevines, or berries on this operation in 2017?

INCLUDE

- crops grown under contract

EXCLUDE

- abandoned acres
- home garden, personal or home use crops

1039 1 **Yes** - Complete this section

3 **No** - Go to SECTION 14

2. Acres and irrigated acres in bearing and nonbearing fruit orchards, vineyards, nut trees, and berries in 2017. 0121

FRUIT AND NUTS				BERRIES			
Total Acres		Irrigated Acres		Total Acres		Irrigated Acres	
Acres	Tenths	Acres	Tenths	Acres	Tenths	Acres	Tenths

3. Report gross value of fruits, nuts, and berries sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. 1329

FRUIT AND NUTS		BERRIES	
Gross Value of Sales (Dollars)		Gross Value of Sales (Dollars)	
Mark "X" If None <input type="checkbox"/>	\$.00	Mark "X" If None <input type="checkbox"/>	\$.00

4. Fill in the columns below for all fruit, nut trees, and berries on this operation in 2017. Enter the crop name and code from the table below.

- Include acres even if not harvested because of low prices, damage from hail, frost, etc.

Enter Fruit, Nut, or Berry Name	Enter Code	Total Acres		Bearing Age Acres		Nonbearing Age Acres	
		Acres	Tenths	Acres	Tenths	Acres	Tenths

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

NON-CITRUS FRUIT	CODE	NON-CITRUS FRUIT	CODE	NUTS	CODE
Apples	0123	Plumcots, pluots, other		Hazelnuts (Filberts)	0327
Apricots	0129	plum/apricot hybrids	0264	Macadamia nuts	0333
Avocados	0135	Plums	0243	Pecans, improved	0336
Bananas	0141	Pomegranates	0255	Pecans, native and seedling	0342
Cherimoyas	0293	Prunes	0249	Pistachios	0351
Cherries, sweet	0345	Other non-citrus fruits,		Walnuts, English	0357
Cherries, tart	0587	specify above	0261	Other nuts, specify above	0363
Coffee (2016-2017 crop)	0153	CITRUS FRUIT	CODE	BERRIES	CODE
Dates	0159	Grapefruit	0267	Aronia berries	0507
Figs	0165	Kumquats	0273	Blackberries and dewberries -	
Grapes	0366	Lemons	0279	include marionberries	0509
Guavas	0183	Limes	0285	Blueberries, tame	0512
Kiwifruit	0189	Tangelos	0303	Blueberries, wild	0515
Mangos	0195	Tangerines (Mandarins)	0309	Boysenberries	0518
Nectarines	0201	Templets	0144	Cranberries	0521
Olives	0207	Oranges, Valencia	0150	Currants (black or red)	0524
Papayas	0213	Oranges, other than Valencia -		Elderberries	0508
Passion fruit	0219	include Navel	0174	Loganberries	0530
Peaches, clingstone	0222	Other citrus fruit, specify above	0315	Raspberries, black	0490
Peaches, freestone	0216	NUTS	CODE	Raspberries, red	0491
Pears, Bartlett	0234	Almonds	0321	Raspberries, other	0506
Pears, other than Bartlett	0240	Chestnuts	0324	Strawberries	0536
Persimmons	0237			Other berries, specify above	0539
Pineapples	1297				



SECTION 14 CATTLE AND CALVES

1. Did you or anyone else have any cattle or calves, including dairy cattle, on this operation in 2017?

INCLUDE

- cattle on this operation
- cattle on public or industrial property under a grazing permit
- cattle on land used rent free by this operation
- cattle grown or fed on this operation for others on a custom or contract basis

EXCLUDE

- cattle grown or fed by someone else on a custom or contract basis

1201 1 **Yes** - Complete this section 3 **No** - Go to SECTION 15

2. Of the total number of cattle and calves on hand December 31, 2017, how many were –

- | | | | |
|---|------------------|--------------------------|--|
| | Mark "X" if None | | |
| a. Beef cows? Include beef heifers that had calved. Exclude heifers that had not calved, steers, calves, and bulls. | 0804 | <input type="checkbox"/> | |
| b. Milk cows kept for production of milk? Include dry milk cows and milk heifers that had calved. | 0805 | <input type="checkbox"/> | |
| c. Other cattle and calves? Include heifers that had not calved, steers, calves, and bulls | 1206 | <input type="checkbox"/> | |
| d. TOTAL cattle and calves on hand December 31, 2017. Add items 2a, 2b, and 2c | 0803 | <input type="checkbox"/> | |

Number on this operation December 31, 2017

3. Of the cattle and calves sold or moved from this operation during 2017, how many were –

- | | | | |
|--|------|--------------------------|--|
| | | | |
| a. Calves sold or moved from this operation in 2017 weighing less than 500 pounds? | 0808 | <input type="checkbox"/> | |
| b. Cattle sold or moved from this operation in 2017, including calves weighing 500 pounds or more? | 0810 | <input type="checkbox"/> | |

Total number sold or moved in 2017

4. Report gross value of sales of cattle and calves in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts.

INCLUDE

- beef and dairy cattle for breeding stock, and beef and dairy cull animals
- fed cattle, stockers, and feeders
- veal calves, etc.

1339

5. Sales of milk from cows 1360

Gross Value of Sales (Dollars)
\$ <input style="width: 100px;" type="text"/> .00
\$ <input style="width: 100px;" type="text"/> .00

6. CATTLE IN FEEDLOTS FOR SLAUGHTER MARKET

INCLUDE

- steers and heifers for slaughter market fed a ration of grain or other concentrates that are expected to produce a carcass that will grade select or better

EXCLUDE

- cows and bulls
- cattle being backgrounded, pastured only, fed for home use, or veal

a. How many steers and heifers reported in item 2c above were on feed December 31, 2017, and were or will be shipped directly from your feedlot to slaughter market? Exclude cattle being backgrounded. 1207

b. How many of the steers and heifers sold during 2017 reported in item 3b above were shipped directly from your feedlot to a slaughter market? Exclude any of your cattle custom fed in feedlots operated by others. Exclude cattle sold as feeders. 0812

Number on this operation December 31, 2017
Number sold or moved in 2017





SECTION 15 HOGS AND PIGS

1. Did you or anyone else have any hogs or pigs on this operation in 2017? If you are a contractor or integrator, report only the hogs on the land you operate.

INCLUDE

• hogs grown for others on a contract basis

EXCLUDE

• hogs grown by someone else on a custom or contract basis

1211 **Yes** - Complete this section 3 **No** - Go to SECTION 16

		Mark "X" If None	Number on this operation December 31, 2017
2.	Total number of hogs and pigs on hand December 31, 2017 0815	<input type="checkbox"/>	
			Total number sold or moved in 2017
3.	Number of hogs and pigs sold or moved from this operation during 2017, including feeder pigs 0820	<input type="checkbox"/>	
			Gross Value of Sales (Dollars)
4.	Report gross value of sales for hogs and pigs sold from this operation in 2017. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts 1341	<input type="checkbox"/>	\$ <input type="text"/> .00
5. Mark one item which best describes this type of operation:			
1241	<input type="checkbox"/> Farrow to wean	1242	<input type="checkbox"/> Farrow to finish
		1243	<input type="checkbox"/> Finish only
1244	<input type="checkbox"/> Farrow to feeder	1245	<input type="checkbox"/> Nursery
		1246	<input type="checkbox"/> Other, specify → <input type="text"/>
6. Mark one item which best describes this type of producer:			
1214	<input type="checkbox"/> Independent grower	1216	<input type="checkbox"/> Contract grower (contractee)
		1215	<input type="checkbox"/> Contractor or integrator

SECTION 16 HORSES, PONIES, MULES, BURROS, AND DONKEYS

1. Did you or anyone else have any horses, ponies, mules, burros, or donkeys on this operation in 2017?

1247 **Yes** - Complete this section 3 **No** - Go to SECTION 17

Report inventory and sales for this operation in 2017

• Include the value of your landlord's share, marketing charges, taxes, hauling, etc.

		Mark "X" If None	Number on this operation December 31, 2017	Total Number Sold in 2017	Gross Value of Sales in 2017 (Dollars)
2.	Horses and ponies OWNED by this operation. 0872	<input type="checkbox"/>			\$ <input type="text"/> .00
3.	Horses and ponies NOT owned by this operation. 0822	<input type="checkbox"/>			\$ <input type="text"/> .00
4.	Mules, burros, and donkeys 0833	<input type="checkbox"/>			\$ <input type="text"/> .00
					Gross Value of Sales in 2017 (Dollars)
5.	Horse breeding or stud fees, semen, and other equine products (Exclude income from boarding, training, or riding facilities which should be reported in SECTION 32, item 7). 1406	<input type="checkbox"/>			\$ <input type="text"/> .00

SECTION 17 SHEEP AND GOATS

1. Did this operation own or custom feed for others any sheep, lambs, goats, or kids in 2017, regardless of location?

INCLUDE

- sheep and goats on public or industrial property under a grazing permit
- sheep and goats on land used rent free by this operation
- sheep and goats grown or fed on this operation for others on a custom or contract basis

EXCLUDE

- sheep and goats grown or fed by someone else on a custom or contract basis

1102 1 **Yes** - Complete this section 3 **No** - Go to SECTION 18

Report for this operation in 2017.

- Include in the value of sales the value of your landlord's share, marketing charges, taxes, hauling, etc.



	Number owned or custom fed on December 31, 2017	Total number sold or moved in 2017	Gross Value of Sales (Dollars)
2. Sheep and lambs 0824	<input type="checkbox"/>		\$.00
3. Goats and kids			
a. Angora goats and kids 0847	<input type="checkbox"/>		\$.00
b. Milk goats and kids 0843	<input type="checkbox"/>		\$.00
c. Meat goats and kids, other goats and kids 0851	<input type="checkbox"/>		\$.00
4. Sheep and goat products			
a. Wool shorn 0828	<input type="checkbox"/>		\$.00
b. Mohair clipped 0849	<input type="checkbox"/>		\$.00
c. Milk from sheep and goats . . . 1389	<input type="checkbox"/>		\$.00

SECTION 18 AQUACULTURE

1. Did you or anyone else have any aquaculture on this operation in 2017? Include production for others on a contract basis.

1157 1 **Yes** - Complete this section 3 **No** - Go to SECTION 19

2. Fill in the columns below for all aquaculture raised on this operation in 2017. Report aquatic plants in SECTION 11.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Include all sizes for each type.
- Include food size, fingerlings, fry, and eggs.
- Exclude wild-caught products.

Enter Aquaculture Type	Enter Code	Total pounds sold or moved in 2017	OR	Total number sold or moved in 2017	Gross Value of Sales (Dollars)
			OR		\$.00
			OR		\$.00
			OR		\$.00
			OR		\$.00

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

AQUACULTURE	CODE	AQUACULTURE	CODE	AQUACULTURE	CODE
Catfish	0860	Crustaceans (crawfish for food, shrimp, softshell crabs, etc.)	0902	Sport or game fish	0984
Trout	0863	Mollusks (clams, oysters, etc.)	0978	Other aquaculture products - include algae, alligators, caviar, turtles, etc., specify above	0869
Other food fish - include salmon, specify in table	0896	Ornamental fish	0980		
Baitfish - include crawfish for bait	0900				



SECTION 19 POULTRY

1. Did you or anyone else have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on this operation in 2017? Include poultry grown for others on a contract basis.

1217 **Yes** - Complete this section 3 **No** - Go to SECTION 20

2. **VALUE OF SALES** - Report gross value of sales for poultry, chicks, eggs, and other poultry products. Include the value of your landlord's share, marketing charges, taxes, hauling, etc. Exclude dollars for items produced under production contracts. Mark "X" If None

	1344 <input type="checkbox"/>	Gross Value of Sales (Dollars)
		\$ _____ .00

3. **CHICKENS**

	Mark "X" If None	Number on this operation December 31, 2017	Total number sold or moved from this operation in 2017
a. Broilers, fryers, and other chickens raised for meat production, including capons and roasters. 0898	<input type="checkbox"/>		
b. Table egg layers – Include those for home use 1229	<input type="checkbox"/>		
c. Hatching layers for meat-types – Include layers for broilers, roasters, and other meat-types 1231	<input type="checkbox"/>		
d. Hatching layers for table eggs 1233	<input type="checkbox"/>		
e. Pullets for laying flock replacement 1221	<input type="checkbox"/>		☞

4. **TURKEYS**

a. Turkeys raised for meat production – Exclude breeders 1225	<input type="checkbox"/>		
b. Turkey hens and toms kept for breeding. 1227	<input type="checkbox"/>		
c. Turkey brooders, immature birds for further growout on another farm. 1219	<input type="checkbox"/>		

5. **ALL OTHER POULTRY** – Fill in the columns below for all other poultry on this operation in 2017. Enter the poultry type and code from the table below.

Enter Poultry Type	Code	Number on this operation December 31, 2017	Total number sold or moved from this operation in 2017

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

OTHER POULTRY	CODE	OTHER POULTRY	CODE	OTHER POULTRY	CODE
Bantams	0934	Guineas	0966	Pigeons or squabs	0908
Chukars	1275	Hungarian partridges	1277	Quail	0912
Ducks	0904	Ostriches	0878	Rheas	1281
Emus	0845	Peacocks or peahens	1279	Roosters	0968
Geese	0906	Pheasants	0910	Other poultry, specify above	0865

6. **POULTRY HATCHED** Mark "X" If None

a. All poultry hatched in this operation's hatcheries in 2017. Include chicks, poults, ducklings, etc. Include poultry custom hatched for others 0916	<input type="checkbox"/>	Number hatched on this operation in 2017

b. What type(s) of poultry was hatched in this operation's hatcheries in 2017? Mark all that apply:

1291 Egg-type chickens 1292 Broiler-type chickens 1293 Turkeys 1294 All other poultry



SECTION 20 COLONIES OF HONEY BEES

1. Did this operation own honey bees in 2017, regardless of location?
 1104 1 **Yes** - Complete this section 3 **No** - Go to SECTION 21

	Number of colonies owned on December 31, 2017	Largest number of colonies owned for all purposes in 2017	Largest number of honey producing colonies owned in 2017	Honey collected in 2017, regardless of location (Pounds)	Gross Value of Sales of Honey (Dollars)
2. Colonies of honey bees owned.....0839					\$00

SECTION 21 OTHER LIVESTOCK AND LIVESTOCK PRODUCTS

1. Did you or anyone else have other livestock or livestock products on this operation in 2017?
 1239 1 **Yes** - Complete this section 3 **No** - Go to SECTION 22

2. Fill in the columns below for all other livestock on this operation in 2017. Enter the livestock type and code from the table below.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Livestock Type	Enter Code	Number on this operation December 31, 2017	Total number sold in 2017	Gross Value of Sales (Dollars)
				\$00
				\$00
				\$00
				\$00

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

OTHER LIVESTOCK	CODE	OTHER LIVESTOCK	CODE	OTHER LIVESTOCK	CODE
Alpacas	0876	Deer in captivity	0888	Mink, live (exclude pelts)	1106
Package bees	4790	Elk in captivity	0890	Rabbits, live (exclude pelts)	1108
Bees, other than honey or package bees	4840	Laboratory animals	4892	Worms	4895
Bison	0886mas	0874	Other livestock, specify above	4898

3. Fill in the columns below for other livestock products produced on this operation in 2017. Enter the livestock product type and code from the table below.

- Include the value of your landlord's share, marketing charges, taxes, hauling, etc.
- Exclude from sales dollars for items produced under production contracts.

Enter Livestock Product Type	Enter Code	Quantity Produced in 2017	Unit	Gross Value of Sales (Dollars)
				\$00
				\$00
				\$00
				\$00

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

OTHER LIVESTOCK PRODUCTS	CODE	OTHER LIVESTOCK PRODUCTS	CODE
Beeswax	4961	Horns	4949
Breeding fees	4940	Manure sold	4952
Embryos	4943	Semen	4955
Fur or pelts	4946	Other animal products not listed, specify above	4958



SECTION 22 PRODUCTION CONTRACTS AND CUSTOM FEEDING

1. During 2017, were you a production contract grower for a processor or contractor for whom you grew a crop, raised livestock or poultry, or custom fed any livestock that **you did not own**? A production contract is an agreement setting terms, conditions, and fees to be paid by the contractor to this operation for the production of crops, livestock, or poultry. Exclude commodities grown or raised for marketing contracts.

1301 **Yes** - Complete this section 3 **No** - Go to SECTION 23

2. Report number of head, bushels, etc. that were grown or raised under production contracts and moved from this operation in 2017.

	Mark "X" If None	Total quantity moved from this operation in 2017	Unit	Total dollar amount received in 2017 for delivering commodities under production contracts (Dollars)
a. Broilers and other meat-type chickens. 1304	<input type="checkbox"/>		birds 3304	\$.00
b. Chicken eggs 1305	<input type="checkbox"/>		dozen 3305	\$.00
c. Layers 1302	<input type="checkbox"/>		birds 3302	\$.00
d. Pullets for laying flock replacement. 1306	<input type="checkbox"/>		birds 3306	\$.00
e. Turkeys 1307	<input type="checkbox"/>		birds 3307	\$.00
f. Custom fed cattle shipped sm directly for slaughter – Exclude cattle custom fed for you by others 1308	<input type="checkbox"/>		head 3308	\$.00
g. Replacement dairy heifers. 1303	<input type="checkbox"/>		head 3303	\$.00
h. Hogs and pigs. 1309	<input type="checkbox"/>		head 3309	\$.00
i. Other cattle, sheep, livestock, or poultry – specify type ↴				
1140 <input type="text"/> 1310	<input type="checkbox"/>			\$.00
j. Grains and oilseeds – specify type ↴				
1141 <input type="text"/> 1311	<input type="checkbox"/>		bushels 3311	\$.00
k. Vegetables, melons, and potatoes – specify type ↴				
1142 <input type="text"/> 1312	<input type="checkbox"/>			\$.00
l. Other crops – specify type ↴				
1143 <input type="text"/> 1313	<input type="checkbox"/>			\$.00

3. Mark all inputs that were partially or completely paid or provided by contractor(s) –

- | | | |
|--|---|---|
| 1317 <input type="checkbox"/> Feed | 1325 <input type="checkbox"/> Seed | 1320 <input type="checkbox"/> Supplies |
| 1316 <input type="checkbox"/> Feeder livestock and poultry | 1318 <input type="checkbox"/> Fertilizer and lime | 1322 <input type="checkbox"/> Utilities |
| 1324 <input type="checkbox"/> Breeding livestock | 1319 <input type="checkbox"/> Chemicals | 1326 <input type="checkbox"/> Other, specify → <input type="text"/> |
| 1323 <input type="checkbox"/> Veterinary services | 1321 <input type="checkbox"/> Fuels | 1315 <input type="checkbox"/> None |

4. Enter the name of the contractor that provided inputs and owned the commodity ↴

1327



SECTION 23 ORGANIC AGRICULTURE

1. During 2017, did this operation produce organic products according to USDA's National Organic Program (NOP) standards and have acres transitioning into USDA NOP production? Exclude processing and handling.

3501 1 **Yes** - Complete this section 3 **No** - Go to SECTION 24

2. Report type of production. Mark all that apply.

- 3502 USDA NOP certified organic production 1252
- 3503 USDA NOP organic production exempt from certification (exempt is production normally less than \$5,000 in sales).
- 3504 Acres transitioning into USDA NOP organic production.
- 3506 Production according to USDA NOP standards but NOT certified or exempt.

Specify Certifying Agency

3. What was the value of USDA NOP certified or exempt organically produced commodities sold from this operation in 2017? 3505

Gross Value of Sales (Dollars)
\$ <input style="width: 100px;" type="text"/> .00

SECTION 24 PRACTICES

1. At any time during 2017, did this operation –

- a. Receive irrigation water supplied by a U.S. Bureau of Reclamation project or facility? Include reclamation water delivered by a local district. 1722 1 **Yes** 3 **No**
- b. Practice rotational or management-intensive grazing? 1725 1 **Yes** 3 **No**
- c. Practice alley cropping, silvopasture, or forest farming, or have riparian forest buffers or windbreaks? 1731 1 **Yes** 3 **No**
- d. Harvest any biomass (crop residue, grasses, woody biomass, etc.) for use in the production of renewable energy? Exclude grains, oilseeds, and firewood. 1750 1 **Yes** 3 **No**
- e. Have an on-farm packing facility for distributing vegetables, potatoes, fruit, nuts, berries, or other crops? 1752 1 **Yes** 3 **No**
- f. Raise or sell veal calves? 1728 1 **Yes** 3 **No**
- g. Have a barn that was built prior to 1960? 1730 1 **Yes** 3 **No**

2. During 2017, did this operation produce and sell any processed or value-added products from its own agricultural production?

- INCLUDE
• jam, wine, cheese, meat, floral arrangements, cider, etc.
- EXCLUDE
• products purchased and resold
• live animals

1726 1 **Yes** - Continue 3 **No** - Go to item 3

a. How much was received in 2017 for the sales of the processed or value-added product(s)? 2727

Gross Value of Sales (Dollars)
\$ <input style="width: 100px;" type="text"/> .00

2726

b. Please specify the processed or value added product(s)

3. At any time during 2017, did this operation have internet access, either on the operation or at an operator's residence?

1260 1 **Yes** – Report the type of service that was used to access the internet. Mark all that apply:

- 1261 Dial-up 1263 Cable modem 1265 Mobile internet service for a cell phone or other device (tablet, iPad, etc.) 1775 Don't know
- 1262 DSL 1264 Fiber-optic 1266 Satellite 1268 Other, specify below ↴

3 **No** – Go to SECTION 25

1269



SECTION 25 FOOD MARKETING PRACTICES

1. During 2017, did this operation produce and sell any crops, livestock, poultry, or agricultural products that were food for humans to eat or drink?

INCLUDE

- edible agricultural products for human consumption

EXCLUDE

- non-edible products such as hay, cut flowers, Christmas trees, nursery products, etc.
- commodities produced under production contracts
- products purchased and resold

2750 1 **Yes** - Complete this section 3 **No** - Go to SECTION 26

2. How much was received in 2017 for the food produced and sold directly to:

a. **Consumers:** Farmers markets, on-farm stores or farm stands, roadside stands or stores, u-pick, CSA (Community Supported Agriculture), online marketplaces, etc.? 4160

Mark "X" if None

Gross Value of Sales (Dollars)	
\$00

(i) Specify the food(s) that was produced and sold directly to consumers in 2017.

4161

b. **Retail Markets, Institutions, or Food Hubs for Local or Regionally Branded Products:** Supermarkets, supercenters, restaurants, caterers, independently owned grocery stores, food cooperatives, K-12 schools, colleges or universities, hospitals, workplace cafeterias, prisons, foodbanks, etc.? 2752

Gross Value of Sales (Dollars)	
\$00

(i) Specify the food(s) that was produced and sold directly to retail markets, institutions, or food hubs in 2017.

2751

SECTION 26 FERTILIZERS, CHEMICALS, AND SOIL CONDITIONERS APPLIED

1. Were any fertilizers, manure, herbicides, insecticides, fungicides, nematicides, other pesticides, growth regulators, or other chemicals used on this operation during 2017?

INCLUDE

- rock phosphate, lime, and gypsum as fertilizer

EXCLUDE

- pretreated seeds

1568 1 **Yes** - Complete this section 3 **No** - Go to SECTION 27

2. Acres to which commercial fertilizer and soil conditioners were applied –

Mark "X" if None

Number of Acres	
	<input style="width: 100%;" type="text"/>

a. Cropland in 2017 – Exclude cropland used only for pasture. 0932

b. Pasture and rangeland acres in 2017 – Include cropland used only for pasture or grazing 0933

3. Acres of cropland and pastureland on which animal manure was applied . . . 1569

4. Acres of cropland and/or pastureland treated with organic fertilizer according to USDA's National Organic Program (NOP) standards. 1570

5. Acres on which chemicals were applied to control the items listed below. The same acres can be reported in more than one item below. However, report acres only once for each item, regardless of the number of applications.

Number of Acres	
	<input style="width: 100%;" type="text"/>

a. Insects 0936

b. Weeds, grass, or brush - Include both pre-emergence and post emergence 0939

c. Nematodes 0937

d. Diseases in crops and orchards such as blight, smut, rust, etc. 0938

6. Acres of crops treated to control growth, thin fruit, ripen, or defoliate. 0940



SECTION 27 RENEWABLE ENERGY

1. During 2017, what types of renewable energy producing systems were on this operation, regardless of ownership? Mark all that apply.

- 3603 Solar panels 3614 Geothermal/Geoexchange system 3610 Ethanol production system
- 3604 Wind turbines 3615 Small hydro system 3606 Other, specify → 3612
- 3605 Methane digesters 3609 Biodiesel production system 3619 None

2. On the land owned by this operation, were any wind rights leased to others? 3607 ¹ Yes ³ No

SECTION 28 MACHINERY AND EQUIPMENT

1. For the items listed below, report the number on this operation on **December 31, 2017**. Include machinery, equipment, and implements used for the farm or ranch business in 2016 or 2017 and usually kept on the operation.

	Mark "X" If None	Number on this operation December 31, 2017	Mark "X" If None	Of these, the number manufactured in the last 5 years (2013-2017)
a. Trucks, including pickups 0944	<input type="checkbox"/>		<input type="checkbox"/>	
b. Tractors less than 40 horsepower (PTO) – Exclude garden tractors 0946	<input type="checkbox"/>		<input type="checkbox"/>	
c. Tractors 40 - 99 horsepower (PTO) 0948	<input type="checkbox"/>		<input type="checkbox"/>	
d. Tractors 100 horsepower (PTO) or more 0962	<input type="checkbox"/>		<input type="checkbox"/>	
e. Grain and bean combines, self-propelled 0950	<input type="checkbox"/>		<input type="checkbox"/>	
f. Cotton pickers and strippers, self-propelled 0956	<input type="checkbox"/>		<input type="checkbox"/>	
g. Forage harvesters, self-propelled 0953	<input type="checkbox"/>		<input type="checkbox"/>	
h. Hay balers 0960	<input type="checkbox"/>		<input type="checkbox"/>	

SECTION 29 FARM LABOR

	Mark "X" If None	Number of Workers
1. What was the number of HIRE D farm or ranch workers, including paid family members and office workers, who –		
a. Worked less than 150 days on this operation in 2017? Exclude contract labor 0941	<input type="checkbox"/>	
b. Worked 150 days or more on this operation in 2017? Exclude contract labor 0942	<input type="checkbox"/>	
2. What was the number of UNPAID farm or ranch workers, including family members and office workers, who worked on this farm or ranch? 3401	<input type="checkbox"/>	
3. What was the number of foreign and domestic MIGRANT workers on this operation in 2017? A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day. Include hired and contract workers 3402	<input type="checkbox"/>	



SECTION 30 PRODUCTION EXPENSES

Report total production expenses paid by this operation in 2017.

INCLUDE

- expenses paid by you and your landlords
- expenses connected with performing customwork for others

EXCLUDE

- expenses not related to the farm business
- any expenses paid by the contractor

EXPENSES PAID BY THIS OPERATION AND ITS LANDLORD(S)

	Mark "X" If None	Dollars						
1. Fertilizer, lime, and soil conditioners purchased. Include rock phosphate, gypsum, manure purchased, potting soil, growing media, and other organic materials. Include the cost of any custom application 1501	<input type="checkbox"/>	\$.00						
2. Chemicals purchased such as insecticides, herbicides, fungicides, other pesticides, etc. Include the cost of custom application 1502	<input type="checkbox"/>	\$.00						
3. Seeds, plants, vines, trees, etc. purchased. Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth 1503	<input type="checkbox"/>	\$.00						
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Mark "X" If None</th> <th>Dollars</th> </tr> </thead> <tbody> <tr> <td>a. Of the total in item 3, how much was for cover crop seed? 2753</td> <td><input type="checkbox"/></td> <td>\$.00</td> </tr> </tbody> </table>				Mark "X" If None	Dollars	a. Of the total in item 3, how much was for cover crop seed? 2753	<input type="checkbox"/>	\$.00
	Mark "X" If None	Dollars						
a. Of the total in item 3, how much was for cover crop seed? 2753	<input type="checkbox"/>	\$.00						
4. Breeding livestock purchased or leased, regardless of age. Include dairy cattle 1504	<input type="checkbox"/>	\$.00						
5. All other livestock and poultry purchased or leased. Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pullets, poult, horses, fish, goats, bee colonies, etc. Include livestock leasing expense 1505	<input type="checkbox"/>	\$.00						
6. Feed purchased for livestock and poultry. Include grain, hay, silage, mixed feeds, concentrates, supplements, premixes, etc. 1506	<input type="checkbox"/>	\$.00						
7. Gasoline, fuels, and oils purchased for the farm business. Include diesel, natural gas, LP gas, motor oil, grease, etc. 1507	<input type="checkbox"/>	\$.00						
8. Utilities purchased for the farm business. Include electricity, farm share of telephone, water purchased, etc. 1508	<input type="checkbox"/>	\$.00						
9. Repairs, supplies, and maintenance cost for the farm business. 1509	<input type="checkbox"/>	\$.00						
10. Labor –								
a. Hired farm and ranch labor. Include employer's cost for social security, worker's compensation, health and life insurance premiums, pension plans, etc. 1510	<input type="checkbox"/>	\$.00						
b. Contract labor. Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc. 1511	<input type="checkbox"/>	\$.00						
11. Customwork and custom hauling, such as custom planting, harvesting, etc. and custom hauling of grain, livestock, milk, manure, etc. 1512	<input type="checkbox"/>	\$.00						
12. Rent –								
a. Cash rent paid in 2017 for land and buildings. Include grazing fees 1513	<input type="checkbox"/>	\$.00						
b. Rent and lease expenses for machinery, equipment, and farm share of vehicles. Exclude custom hire 1514	<input type="checkbox"/>	\$.00						
13. Interest paid on debts –								
a. Secured by real estate. 1515	<input type="checkbox"/>	\$.00						
b. Not secured by real estate. 1516	<input type="checkbox"/>	\$.00						
14. Property taxes paid in 2017. Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by this operation's landlords. 1517	<input type="checkbox"/>	\$.00						
15. Medical supplies, veterinary, and custom services for livestock. Include artificial insemination (AI), branding, breeding fees, caaponizing, castrating, custom feed processing, hormone injections, performance testing, pregnancy testing, seining, sheep shearing, etc. Exclude manure disposal. 1935	<input type="checkbox"/>	\$.00						
16. Other production expenses. Include storage and warehousing, marketing expenses, insurance, etc. Exclude health insurance premiums and payroll taxes 1518	<input type="checkbox"/>	\$.00						
17. Total production expenses (add items 1-16) 1936	<input type="checkbox"/>	\$.00						



SECTION 30 CONTINUED –

	Mark "X" If None	Dollars
18. How much did your landlord(s) pay for the production expenses for this operation in 2017? 1519	<input type="checkbox"/>	\$.00
19. What was the value of your landlord's share of the total sales produced by this operation? Exclude cash rent 1349	<input type="checkbox"/>	\$.00
20. What was the total depreciation expense claimed by this operation in 2017 for all capital assets? Estimate 2017 from 2016 if necessary. 1520	<input type="checkbox"/>	\$.00

SECTION 31 MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

	Mark "X" If None	Estimated Market Value (Dollars)
1. Report your estimate of the current market value of land and buildings reported SECTION 1.		
a. All land and buildings owned 0996	<input type="checkbox"/>	\$.00
b. All land and buildings rented or leased from others. 0997	<input type="checkbox"/>	\$.00
c. All land and buildings rented or leased to others. 0998	<input type="checkbox"/>	\$.00
2. What is your estimate of the current value of all machinery, equipment, and implements used for farm-related activities on this operation, regardless of ownership, on December 31, 2017 ? 0943	<input type="checkbox"/>	\$.00

INCLUDE - the following if kept on this operation and used for this farm or ranch business in 2017.

- cars • trucks • tractors • tools • dairy equipment
- combines • plows • disks • harrows • irrigation equipment
- pumps • motors • tanks • feeders • grinding and mixing equipment, etc.
- dryers • computers

SECTION 32 INCOME FROM FARM-RELATED SOURCES

Report the gross dollar amount received before taxes and expenses in 2017 for –

	Mark "X" If None	Gross Dollars
1. Customwork and other agricultural services provided for farmers and others, such as plowing, planting, spraying, harvesting, preparation of products for market, etc. Exclude if customwork was an entirely separate business from your agricultural operation 0992	<input type="checkbox"/>	\$.00
2. Payments received from cash rent or share payments from renting out farmland or payments from lease of allotments. Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc. 0993	<input type="checkbox"/>	\$.00
3. Sales of forest products. Include timber, firewood, etc. Exclude sales of Christmas trees, short rotation woody crops, and maple products 0994	<input type="checkbox"/>	\$.00
4. Agri-tourism and recreational services, such as farm tours, hay rides, hunting, fishing, etc. 1401	<input type="checkbox"/>	\$.00
5. Patronage dividends and refunds from cooperatives 1402	<input type="checkbox"/>	\$.00
6. Crop and livestock insurance payments received. Exclude payments received from casualty insurance, vehicle liability, blanket policies, and operator dwelling insurance 1404	<input type="checkbox"/>	\$.00
7. Other income which is closely related to the agricultural operation. Include renting and leasing farm machinery and trucks, renting and leasing of livestock, bee colony rental, animal boarding, state fuel tax refunds, farm-generated energy, etc. Specify ↴		
1433 <input style="width: 400px; height: 20px;" type="text"/> 1403	<input type="checkbox"/>	\$.00

SECTION 33 AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

1. Did this operation use any land for livestock or cropland within the borders of an American Indian Reservation, Pueblo, or Service Area at any time during 2017? Include owned, deeded, tribal, or allotted land.

1050 1 **Yes** - Complete this section 3 **No** - Go to SECTION 34 

2. Enter the name and state of the American Indian Reservation, Pueblo, or Service Area where the agricultural activity occurred.

1051	Reservation, Pueblo, or Service Area Name	1052	State
	<input type="text"/>		<input type="text"/>

3. How many total acres did this operation use for livestock or cropland within this Reservation, Pueblo, or Service Area in 2017? Exclude land used on a per-head or animal unit month (AUM) basis 1053

	Number of Acres
	<input type="text"/>

a. How many of these acres were harvested cropland? 1054

4. In 2017, did this operation have any livestock within the borders of an American Indian Reservation, Pueblo, or Service Area? Include livestock on land used on a per-head or animal unit month (AUM) basis.

1056 1 **Yes** - Continue 3 **No** - Go to SECTION 34

a. On **December 31, 2017**, what percent of this operation's livestock was on this Reservation, Pueblo, or Service Area?

1057 1 None 3 26 - 50 percent 5 76 - 99 percent
 2 1 - 25 percent 4 51 - 75 percent 6 100 percent (all livestock)

SECTION 34 CONCLUSION

1. Is it possible that the agricultural activity information reported for this operation could also be reported by another operation?

1080 1 **Yes** - Provide the other name and address below 3 **No** - Go to item 2

1081	Possible Duplicate Name	1082	Address
	<input type="text"/>		<input type="text"/>

1083	City	1084	State	1085	Zip
	<input type="text"/>		<input type="text"/>		<input type="text"/>

2. Do you (the individual named on the label) make any day-to-day decisions for **another** farm or ranch? It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations.

1086 1 **Yes** - Enter the information of the additional farm or ranch below 3 **No** - Go to item 3

1088	Additional Farm or Ranch	1089	Area Code and Phone Number
	<input type="text"/>		<input type="text"/>

a. Did you receive a 2017 Census of Agriculture report form for this additional farm or ranch?

1087 1 **Yes** 3 **No**

b. Did you include all data from this additional farm or ranch on THIS REPORT? Do not make changes to the data in this report, regardless of your answer.

1091 1 **Yes** 3 **No**

3. Return your form in the envelope provided. **Thank you** for your participation.

INSTRUCTION SHEET UNITED STATES 2017 CENSUS OF AGRICULTURE Your report is due February 5, 2018

Who Should Report?

A reply is required from EVERYONE who receives a report form, including persons who operated a farm, ranch, or other agricultural operation in 2017, anyone who has any agricultural activity, as well as those who were not involved in agriculture. More census information is on the Internet at www.agcensus.usda.gov

If you do not return your report form, you will continue to receive contacts from us.

If you were a landlord only and rented out all of your land, complete the front page, Section 1, and Section 34 on the back page of the enclosed report form and return it in the preaddressed envelope. If you were a landlord but still operated other land yourself, you should complete the entire report form for that land which you operated.

If you had no land, no livestock, and no agricultural operations, return the report form with a note indicating your status on the front of the form below the address label.

Partial Year Operations - If you stopped farming, ranching, or producing agricultural products during 2017, complete the report form for the portion of the year that you did farm. Write "Stopped farming during 2017" and the date you stopped below the address area. Mail the completed report form in the return envelope. If the person whose name is on the label was deceased during 2017, complete the form for the portion of the year that they farmed, and write a note.

Involved In More Than One Operation - If you made decisions for more than one operation, you may have received a report form for each operation. Provide information for each operation on a separate form. To obtain additional report forms, or if you have questions, please call the toll-free help line at 1-888-424-7828.

Partnership Operation - Complete only ONE form for the entire partnership's agricultural operation and include the entire operation on that one form. If you made day-to-day decisions for another operation, complete a report form for each separate operation. We have listed all known partners below the address area to assist in defining the operation. Make any necessary corrections to these names.

If you owned farm or ranch land in 2017 that was idle and NOT rented out, you should complete and return the report form. If all the cropland was enrolled in conservation programs like CRP, complete the form and include these acres.

Specialty Commodities - Horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Report for all commodities, regardless of the amount of production or sales you had in 2017.

Land in Federal conservation programs in 2017 - If you had land in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), Farmable Wetlands Program (FWP), or Conservation Reserve Enhancement Program (CREP) and you made the decisions on the acres, include the conservation land on the report form in Sections 1, 2, and 5.

Received More Than One Report Form For the Same Operation - If you received more than one report form for the same operation, complete only ONE form per operation. Write "Duplicate" below the address area of each extra form. Return all forms in the same return envelope with your completed form so that we can correct our records.

Entering Your Responses Use BLUE or BLACK INK only. Enter your replies in the unit requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimals. Please print clearly and keep numbers and letters within the white boxes. Mark all applicable Yes/No and None boxes with an "X".

SECTION 1 - ACREAGE IN 2017

Your answers in this section will determine the land (Acres in "THIS OPERATION") referred to throughout the report form. Include all land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization named on the front of the form, regardless of location or use during 2017, even if only for part of the year. Include cropland, non-tillable land, land in government programs such as Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), etc., pastureland and rangeland, woodland and idle land, farmsteads, buildings, and structures. Include only actively managed tidelands. Exclude residential or commercial land. Report land in whole acres.

Item 1 (Box A) - Report all land owned in 2017 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

Item 2 (Box B) - Report all land rented or leased from others by you or your operation. Include water area leased for aquaculture production. Exclude land used under Government grazing permits or on a fee per-head or animal unit (AUM) basis. Bureau of Land Management (BLM) Section 15 land leased by your operation with a specified acreage tract should be included here even though your fees to BLM are paid on an AUM basis.

Item 3 (Box C) - Include all land rented out to others for any purpose if it was part of the acreage reported in Items 1 and 2. Your tenant(s) will receive a form to report production for the land they rent. Do not report land placed in conservation programs as acres rented to others.

Item 3a - Report all land owned by the operation and rented or leased to others.

Item 4 (Box D) - This is all land you operated at any time in 2017. Land use in Section 2 should be reported for these acres.

Item 5 Total acres equals zero (0) - After completing Section 1, if the acres in Item 4, BOX D equal zero and you did not raise or own any livestock, aquaculture, or poultry in 2017, write a description of land use in the space by question 5. Complete Section 34 and mail the report form in the return envelope.

SECTION 2 - LAND USE IN 2017

The total acres from Items 1 - 4 entered in BOX E should equal the total acres in Section 1, Item 4, BOX D. These acres represent "this operation" for this census report. **If these two numbers are not the same, please GO BACK and CORRECT your figures.** Do not report any crops grown on land rented or leased to others or worked by others on shares during 2017.

Land used for more than one purpose - Do not report the same acreage in more than one of the listed categories. If part or all of your land was used for more than one listed purpose in 2017, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in Item 1a, cropland harvested. Do not report those acres again in Item 2c pasture or grazing land.

CRP/WRP and other conservation programs - Report these acres in the Items in this section that best describe them. For example, CRP land may be reported in cropland harvested, cropland idle, or woodland not pastured depending on its use.

Item 1a - Land maintained for orchards or vineyards is included even if the crop failed or the trees or vines are not of bearing age. Abandoned acres of orchards or vineyards should be reported in Item 1d. Harvested cropland includes acres of trees for fruit, nuts, and berries along with acres of grape vines, Christmas trees, and short rotation woody crops in production. Do not include the area harvested for timber or firewood. If more than one crop was harvested from the same land in 2017, report that land as cropland harvested only once.

Item 1b - Include land you intended to harvest but had to abandon or had the crop fail.

Item 1c - Include cropland left unseeded for the 2017 harvest and tilled summer fallowed, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2017 even though it may have been planted to wheat, etc., for the 2018 harvest.

Item 4 - Include tidelines actively managed for aquaculture production, whether owned or rented from others. Include other water area leased for the production of aquaculture.

SECTION 3 - LAND RENTED OR LEASED FROM OTHERS FOR CASH

Report for cropland and pastureland leased on a per acre basis for cash only. Exclude flex and share rent arrangements. Also, exclude aquaculture arrangements. For cash rental agreements that include dwellings and buildings, only report the acres of cropland and pastureland.

SECTION 4 - LAND USE PRACTICES

Item 1b - Land drained by ditches refers only to manmade ditches installed to improve drainage, not natural waterways.

Item 1c - A conservation easement limits the right to develop the land, now and in the future.

Items 2a through 4 - Include all cropland acres planted in the operation with the practice, not just cropland harvested. Conservation tillage leaves 30 percent or more of the soil surface covered by crop residue after planting. Conventional tillage has 100 percent of the soil surface mixed or inverted.

Items 3a and 3b - Include acres irrigated by all methods and from all water sources including those irrigated from lagoons through a sprinkler or flood system.

SECTION 5 - CROP INSURANCE AND GOVERNMENT PROGRAMS

Item 1 - Report all acres covered by any crop insurance policy in 2017. Include land in pasture insurance programs and acres covered by guaranteed revenue policies.

Items 2a and 3 - For conservation program costs, include the government's share of the amount paid.

Items 3 and 4 - Exclude any payments from loans or programs that must be repaid.

Item 5 - Report amount received for commodities placed under CCC loan during 2017. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2017. Exclude CCC loans to build crop storage facilities.

Item 6 - Report the total amount to repay CCC loans in 2017, regardless of the crop year the loan was made.

SECTION 6 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for this operation.

An operation organized as a Limited Liability Company (LLC) may fall into any of the categories.

Family or individual operation - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated under state law."

Partnership operation - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife does not constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement does not constitute a partnership.

Incorporated under state law - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. Exclude cooperatives, even if they are incorporated.

Other - Estate or trust, grazing association, American Indian Reservation, university farm, prison farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

Item 4 - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are landlords, custom equipment operators, or provide other supplies that are listed in Section 30, Production Expenses.

SECTION 7 - PERSONAL CHARACTERISTICS

This section collects information about decision makers of this operation. A farm may be a family operation and still have multiple operators. Complete one column for each operator.

Item 1 - Enter the number of men and the number of women who made day-to-day decisions for this operation. Do not report as operators minor-aged children who only worked on the farm.

Item 2 - Answer each question for up to four operators. If there were more than four, answer for the four individuals most involved in the decision making for this operation.

Item 2k - Report the first year the specified operator began to operate any part of this operation on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed on this operation.

Item 2l - Report the first year the specified operator began to operate part of ANY operation on a continuous basis.

Item 4 - The principal operator is the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

REPORTING VALUE OF SALES

Report the value of all crops and livestock sold from this operation in 2017 in the appropriate commodity section. Report the sales in 2017 regardless of the year crops were harvested or raised. Include the value of your landlord's share of the commodities harvested. Report livestock as sold that you owned and moved to someone else's operation for further feeding, such as cattle. Report the gross value before the deduction of expenses, marketing charges, hauling fees, other fees, or income taxes. Include payments received in 2017 from cooperatives or marketing organizations for crops produced on this operation regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from this operation in trade of services, such as baled hay for labor or other services. Report the total value you received for animals and poultry sold from this operation in 2017, without deducting production or marketing expenses (costs for feed, livestock purchase price, hauling, selling, etc.).

Exclude:

- Proceeds from CCC loans or other government payments.
- The value of sales of any cattle, hogs, or poultry owned by you but kept and sold from a location you did not operate.
- The value of commodities grown under a production contract.

SECTION 8 - HAY AND FORAGE CROPS

Include hay and forage from alfalfa, wild or native grasses, and hay or forage from clovers, small grains, soybeans, and peanuts. Report production in tons or, for dry hay, bales/weight per bale. Any pasture or conservation land that had hay cut from it should be reported as cropland harvested in Section 2, Item 1a.

SECTION 9 - CULTIVATED CHRISTMAS TREES, SHORT ROTATION WOODY CROPS, AND MAPLE SYRUP

Item 2 - Acres in production of cultivated Christmas trees include both those to be harvested in future years as well as those harvested in 2017. Trees cut should include only those trees cut in 2017.

Item 3 - A short rotation woody crop is a tree that is harvested in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. Exclude trees cut for timber. Acres in production of short rotation woody crops include both those harvested in 2017 and future years. Acres harvested should include only those harvested in 2017.

Item 4 - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Report the acres of tapped maple trees in Section 2, Item 3, woodland not pastured.

SECTION 10 - FIELD CROPS

Acres harvested - Enter the acres harvested in 2017. Round fractions to whole acres except for tobacco, where tenths should be reported.

Crops names not listed - For those seed or field crops not listed in the table that fall into the Other seeds (code 770) or Other field crops (code 752) categories, please specify each crop on a separate line in the table along with the requested data.

Total production harvested - If your unit of measure is different than the unit requested on the report form, convert your figure for the production harvested to the unit requested. If the harvest was incomplete by December 31, 2017, estimate the total production to be harvested.

Acres irrigated - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

Double cropping - If two or more crops were harvested from the same land (double cropping), report the total acres and production of each harvested crop.

Interplanted crops - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

Skip row planting - If a crop was planted in an alternating pattern of planted and non planted rows, such as two rows planted and two rows skipped, report the acreage occupied by the crop and report the skipped portion as cropland idle in Section 2, Item 1d.

If you rented land under a share arrangement, include your landlord's share of the crop in value of sales.

SECTION 11 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, VEGETABLE SEEDS, AND PROPAGATIVE MATERIALS

Report Christmas trees grown on this operation and sold live as nursery stock, code 0488. Exclude crops bought for resale without additional growing, and garden center items, such as chemicals and fertilizers. Report all acres of Christmas trees in production for cut Christmas trees and the number cut in 2017 in Section 9, Item 2.

SECTION 12 - VEGETABLES, POTATOES, AND MELONS

Item 4 - Report acres harvested for individual crops. If the same crop was planted more than once during the year on the same field, report the sum of the acres harvested during 2017. For example, if 4 acres were planted to lettuce and harvested, then replanted to lettuce and harvested, report 8 acres of lettuce in Item 4 but only 4 acres in Item 2.

SECTION 13 - FRUIT, NUTS AND BERRIES

If nonbearing trees and vines are intermixed with bearing trees and vines, estimate area for each category. Exclude abandoned acres of orchards or vineyards. Abandoned acres should only be reported in Section 2, Item 1d. Bearing age acres are the acres of trees or vines that produced any fruit or nut crop in 2017 or previous years. If fruit and nut trees and vines were interplanted with other crops, report only the total acres for the orchard in Section 13, and the total acres of each interplanted crop in their appropriate section(s).

Berries - Report all acres on which berries were grown in 2017.

SECTION 14, 15, AND 19 - CATTLE AND CALVES, HOGS AND PIGS, AND POULTRY

Include all animals on this operation on December 31, 2017 owned by you, raised by you under contract, or kept by you for others. Include animals on unfenced lands, National Forest land, Indian Reservation Land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per head, animal unit month (AUM), or lease basis. Animals in transit on December 31, 2017, should be reported by the person who had control of the animals on that day. Report beefalo and cattalo as cattle in Section 14. Report buffalo as bison in Section 21, Item 2.

Contract and custom feeding operations - Report numbers of all animals or poultry on this operation on December 31, 2017. Animals and poultry kept on a contract or custom basis and moved or sold from this operation in 2017 should be reported as sold. Do NOT include fees received for commodities produced under a production contract in the value of sales. In addition, report in Section 22 - *Production Contracts and Custom Feeding* on the appropriate line the quantity delivered of custom fed livestock or production contract livestock and poultry and the dollar amount received from the contractor.

Cattle, hogs, and poultry to exclude from the report form - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Exclude animals quartered in feedlots that were not located on this operation. Do not report the sales of animals bought and then resold within 30 days. Such purchases and sales are considered dealer transactions.

Number sold - Report all animals and poultry sold or moved from this operation in 2017, regardless of ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do not report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

Number moved from this operation - For animals and poultry moved from this operation to another, such as for further feeding, report them as "sold." Cattle moved are not considered sold if they were moved to another operation for a short term, such as for winter wheat or corn stubble grazing, or during the winter to public grazing land.

Cattle in feedlots - Exclude the following for this item:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold
- All cows and bulls

SECTION 16 - HORSES, PONIES, MULES, BURROS, AND DONKEYS

Exclude horses owned by this operation but stabled elsewhere. Horses, mules, burros and donkeys that are on this operation should be reported regardless of ownership. Exclude feral equine.

SECTION 17 - SHEEP AND GOATS

Report goats based on utilization regardless of breed. Report pounds of wool shorn and mohair clipped in 2017 only.

SECTION 18 - AQUACULTURE

Include all sizes for each type. Report each type sold or moved on a separate line and specify whether the sale was fish eggs, fry, fingerlings, food size, or a combination. Convert units such as bushels, bags, or gallons to number or pounds. Do not duplicate the same quantity sold in both the pounds and number columns.

SECTION 20 - COLONIES OF HONEY BEES

Item 2 - Report the number of bee colonies owned regardless of location. Report the pounds of honey collected in 2017 whether sold or not sold. Report sales of packaged bees, nuclear colonies, whole colonies, queen, and all non-apis bees (bumble, leaf cutter, etc.) in Section 21, Item 2. Report sales of honey bee products such as wax, pollen, and propolis in Section 21, Item 3. Report pollination fees in Section 32, Item 7.

SECTION 21 - OTHER LIVESTOCK AND LIVESTOCK PRODUCTS

Item 2 - Report the sales of only live animals.

Item 3 - Include pelts and any meat from mink and rabbits.

SECTION 22 - PRODUCTION CONTRACTS AND CUSTOM FEEDING

A production contract is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as seed, livestock, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is less than the full market price of the commodity.

Commodities raised under a production contract should be reported in Section 22 and also included in Sections 8 through 21. The money received as a production contract fee is reported in Section 22 only, under "Total dollar amount received" and not in Sections 8 through 21.

Please report amount of the specified commodity that you raised and delivered under production contracts in Item 2. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract in the proper categories. Exclude marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price. The contractor should not report commodities that were produced by the grower.

SECTION 23 - ORGANIC AGRICULTURE

Certified National Organic Program (NOP) farms, those exempt from certification because they sell less than \$5,000 in organic products a year, and farms with acres transitioning to future NOP production should report in this section.

Item 3 - Report the total sales of NOP organically produced commodities. Include gross value of agricultural sales before expenses or taxes. Exclude sales of crops and livestock from transitioning land. Exclude the value of processed or value added items.

SECTION 24 - PRACTICES

Item 1c - Alley Cropping is the growing of annual or perennial crops between rows of trees. The agricultural crop generates annual income while the tree crop matures. *Silvopasture* combines timber, livestock and forage production on the land. Trees provide longer-term returns, while livestock generates an annual income. *Forest farming* is the intentional management of woodlands to grow non-tree crops such as mushrooms, berries, and root crops under trees. *Riparian forest* buffers are natural or planted trees, shrubs and grasses adjacent to water bodies to protect water resources from non-point source pollution.

Item 3 - Do not include access from a computer at a public site such as a library.

SECTION 25 - FOOD MARKETING PRACTICES

Include only edible commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on this operation. Exclude crops, livestock, poultry, or other products that you bought and resold within 30 days. Exclude nonedible products such as hay, cut flowers, Christmas trees, nursery products, etc.

SECTION 26 - FERTILIZERS, CHEMICALS, AND SOIL CONDITIONERS APPLIED

Fertilizer - Report acres on this operation on which commercial fertilizer was applied during 2017 only once, even if multiple applications were made. Report fertilizer and manure expenditures in Section 30, Item 1.

Chemicals - Include acres on which custom application of chemicals was applied. If multiple applications of chemicals for the same purpose (for example, herbicides) were applied on the same acres, report the acreage only once. If chemicals were applied for different purposes, report the acres for each purpose on which the chemicals were applied. Report agricultural chemical expenditures in Section 30, Item 2. Estimate the acreage for spot treatments.

SECTION 27 - RENEWABLE ENERGY

Item 1 - Report the following renewable energy producing systems, regardless of ownership:

Solar panels - panels designed to capture the sun's energy. Include photovoltaic systems which convert light from the sun into electricity, and thermal systems that passively generate electricity. Include water heaters and pumps. Report if there are solar panels on this operation owned by you or others used to produce electricity. Exclude low wattage solar panels that supply power for just one item, e.g. solar livestock fence or a solar security light.

Wind turbines - Devices which convert wind power into electricity. Include wind generators, wind power units, wind energy converters, and aero generators. Exclude windmills that do not produce electricity. Exclude wind powered water pumps.

Methane digesters - These are devices which capture biogas from the decomposition of manure, processing by-products, and other materials and convert it to methane.

Geothermal/Geoechange system - These are systems which capture heat stored in the earth to reduce the operational costs of heating and cooling.

Small hydro system - These are water driven systems which produce electricity from the gravitational force of falling or flowing water. Exclude water driven systems that only provide mechanical power, such as turning a grinding stone for a flour mill.

Biodiesel production system - Systems which produce nonpetroleum-based diesel fuel from vegetable oil or animal fats.

Ethanol production system - Systems which produce fuel by converting crops such as corn and sugarcane, biomass crops, or wood.

Other, specify - Report any other renewable energy system not listed. Exclude wood-burning stoves and densified biomass-producing systems.

SECTION 28 - MACHINERY AND EQUIPMENT

Report the total on this operation, or normally on this operation and normally used on this operation, in the first column. Do not report obsolete or abandoned equipment. In the second column, report only the number manufactured in the last five years.

SECTION 29 - FARM LABOR

Report the number of paid farm or ranch workers who performed agricultural labor on this operation in 2017. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work was primarily associated with agricultural production on this operation.

Item 1 - Include any short term or temporary workers who may have worked only a few days. Exclude contract labor.

SECTION 30 - PRODUCTION EXPENSES

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on this operation in 2017 in Items 1 through 16. Include expenses associated with the generation of farm-related income reported in Section 32. Include expenses incurred in 2017 even if they were not paid in 2017. Estimate if exact figures are not known.

Contract growers or custom feeders - Do not report as production expenses the value of inputs provided by the contractor or livestock owner. Identify the items that were contractor provided in Section 22, Item 3.

Item 2 - Include surfactants and oils and other products used to increase a chemical's effectiveness.

Item 6 - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock or poultry on this operation. Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Do not report the value of feed raised and fed on this operation as an expense.

Item 9 - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Include expenses for repairs to machinery and equipment used only for custom work if income from those machines is reported in Section 32. Exclude repairs to vehicles not used in the farm business. Exclude expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 10a - Include labor expense for the farm business for gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, worker's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

Item 10b - Include the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. Report costs for repair work done by a construction contractor in Item 9. Report the cost of customwork or machine hire in Item 11.

Item 12a - Exclude rent paid for operator dwelling or other nonfarm property. Exclude the value of shares of crops or livestock paid to landlords.

Item 13 - Report all interest expenses paid in 2017 for the farm business. Include interest paid on CCC loans in Item 13b. Exclude interest associated with activities not related to production of crops or livestock on this operation, such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. Exclude interest on owner/operator dwelling where the amount is separated from the interest on the land and buildings on this operation.

Item 14 - Include real estate property taxes you paid on the acres and buildings you owned and used in the farm business and property taxes on equipment or livestock. Exclude property taxes on land or buildings rented to someone else, or property taxes paid on other property not associated with the farm business.

SECTION 31 - MARKET VALUE OF LAND, BUILDINGS, MACHINERY, AND EQUIPMENT

Item 1 - Estimate the value of the land, houses, barns, and other buildings for each of the three listed categories if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

Item 2 - The estimated market value refers to all machinery and equipment kept primarily on this operation and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements, hand tools, and office supplies. Permanently installed equipment or equipment that is an integral part of a building should be included as a part of the value of land and buildings and reported in Item 1.

SECTION 32 - INCOME FROM FARM-RELATED SOURCES

Report gross amounts received before taxes and expenses.

Item 2 - Exclude rental income from nonfarm property.

Item 3 - Include only those forest products cut from this operation, not items cut from other nonfarm timber acreage. Exclude income from a sawmill business. Report sales of Christmas trees, maple syrup, or sap products in Section 9.

Item 7 - Include pollination fees.

SECTION 33 - AGRICULTURAL ACTIVITY WITHIN THE BORDERS OF AMERICAN INDIAN RESERVATIONS, PUEBLOS, AND SERVICE AREAS

Complete this section if any of your cropland or livestock was on an American Indian Reservation, Pueblo, or service area in 2017. Include trust acres used, as well as deeded land or land leased from others that was on the Reservation.

SECTION 34 - CONCLUSION

Item 1 - If the agricultural activity on your operation might be identified under a different name than is printed on the front of the form (for example, a farm name or another partner), please provide these names.

Item 2a - All farms and ranches should receive their own forms to complete. If you operated another farm or ranch, indicate whether you received a form for that operation.

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