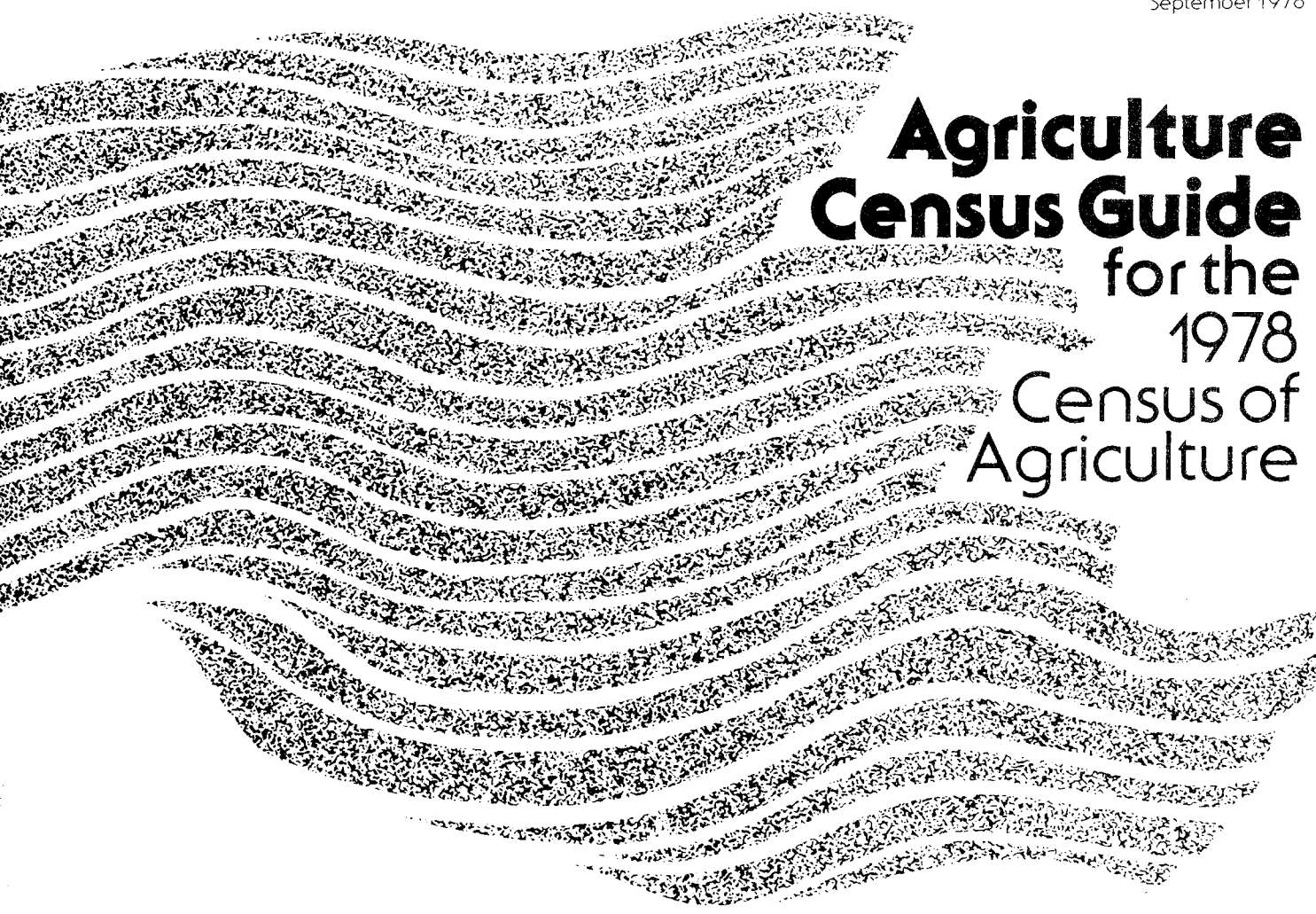




Form 78-A20
September 1978

A large, stylized graphic of the American flag, featuring wavy horizontal stripes that sweep across the left and center of the page. The stripes are composed of a dense, textured pattern of small dots or speckles.

Agriculture Census Guide

for the
1978
Census of
Agriculture

U.S. Department
of Commerce

BUREAU OF
THE CENSUS

TABLE OF CONTENTS

	Page
Introduction.....	1
General Information.....	4
Completing the Report Form	
Section 1--Acreage in 1978.....	9
General Information for Crops (sections 2 through 8).....	14
Section 2--Field corn, wheat, oats, barley, sorghums, soybeans, cotton, tobacco, Irish, and sweetpotatoes.....	17
Section 3--Dry hay, grass silage, haylage, or green chop.....	19
Section 4--Fruit trees, grapevines, citrus, and nut trees.....	21
Section 5--Vegetables, sweet corn, melons.....	22
Section 6--Nursery and greenhouse products.....	23
Section 7--Strawberries, cranberries, or other berries.....	24
Section 8--Other crops harvested.....	24
Section 9--Gross value of crops sold.....	25
Section 10--Land use in 1978.....	27
Section 11--Irrigated land in 1978.....	31
General information on reporting livestock and poultry.....	32
Section 12--Cattle and calves.....	33
Section 13--Hogs and pigs.....	34
Section 14--Sheep or lambs.....	35
Section 15--Horses, bees, fish, other livestock.....	35
Section 16--Poultry.....	36
Section 17--Customwork and agricultural services.....	38
Section 18--Direct sales to individuals for human consumption.....	38
Section 19--Type of organization.....	38
Section 20--Characteristics and occupation of operators.....	40

TABLE OF CONTENTS--Continued

	Page
Section 21--Foreign ownership of land.....	41
Section 22--Commercial fertilizer and lime.....	41
Section 23--Insecticides, herbicides, fungicides, nematocides.....	42
Section 24--Machinery and equipment on this place.....	43
Section 25--Expenditures for energy and petroleum products.....	44
Section 26--Selected production expenses.....	45
Section 27--Estimated current market value of land and buildings.....	48
Section 28--Person completing report.....	48
1978 A1(S) Report Form.....	49
Index.....	50

AGRICULTURE CENSUS GUIDE FOR THE 1978 CENSUS OF AGRICULTURE

As someone associated with agriculture, you may be asked to assist persons, mainly farmers and ranchers, in completing their 1978 Census of Agriculture report forms. General instructions covering most common situations are shown on the report form and instruction sheet enclosed with the forms. In addition, the "Agriculture Census Guide," which you are reading, contains more detailed information on how to complete the forms. While it is almost impossible to cover all types of situations, this guide should provide assistance for more inquiries made about the census. We hope you will use the guide to help your farmer and rancher friends complete their report forms for the census.

Two reporting forms (a sample and nonsample form) are being used to collect information from the farms and ranches in all States except Hawaii, which has its own special form. Both forms are the same except an additional page has been added to the sample form (Form 78-A1S) in order to obtain more detailed information from a sample of farms and ranches. Because the report form is used for all agricultural operations in the United States, it contains 21 sections of the form which do not apply to their operations.

Our experience over 130 years of agricultural censuses has been that most farmers are cooperative in supplying the information desired. Most census questions are not difficult to answer. A few questions may require giving an estimate when the exact answer is unknown.

A few farmers and ranchers may not have received a report form because we do not have their correct addresses or because they only recently started farming and, as a result, do not appear on our mailing list. Anyone who produced and sold agricultural products valued at \$50 or more in 1978 and did not receive a report form should write to:

Bureau of the Census
Agriculture Division
1201 East Tenth Street
Jeffersonville, Indiana 47132

A Word to Those Receiving This Guide

A census of agriculture is taken to obtain measures of agricultural activity and productivity for each county, State, region, and for the United States. A national census of agriculture was first taken in 1840 and thereafter every 10 years until 1920. Beginning with 1920, agriculture censuses were taken every 5 years through 1974. In order to bring all economic censuses into the same census year, the 1978 and 1982 agricultural censuses will be taken at 4-year intervals, with subsequent censuses taken every 5 years.

The 1978 Census of Agriculture, being taken in compliance with the Census Act, Title 13, U.S. Code, is the 21st nationwide census of agriculture. It covers the production and sale of agricultural products in the year 1978 and the inventory of specified agricultural items as of December 31, 1978.

Obtaining the census information for all farms and ranches requires the identification of reporting units. For census purposes, "This Place" refers to the farm, ranch, or other agricultural activity controlled or operated by the person for whom the report is being filled. The decisions as to who is the operator and what acreage is to be included in "This Place" can be made by the respondent after completing Section 1, item 4, of the reporting form.

Usually the addressee or operator will be completing the report, but in some instances, other members of the family or a bookkeeper or accountant may actually fill out the report. The acreage in "This Place" 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.

The census definition of a farm operator may also vary from that used by other agencies. For census purposes, a farm or ranch operator is the person who, in 1978, controlled agricultural operations on a place, either doing or directly supervising the work. The operator may have worked land owned or rented for cash from others, worked land as a tenant farmer or sharecropper, worked an acreage on a crop-share rental, paid standing rent, operated the land rent free, or operated under a combination of several such arrangements.

For the most part, other census definitions are similar to those in common use. However, in order to obtain consistent data from the census, when differences in definitions exist, census definitions should be used in helping farmers or ranchers in your area who request assistance in completing their report forms. We will greatly appreciate any help that you can provide.

Each report form (even one sent to a person no longer farming or not associated with agriculture) should be returned to the Bureau of the Census, 1201 East Tenth Street, Jeffersonville, Indiana, 47132, so that the mailed out form can be accounted for.

In some instances, there will be situations that are not satisfactorily covered in existing instructions. In such cases, if a description of the situation is written on the report form or on a separate sheet and attached to the form, staff members at the Bureau of the Census can usually make the proper decisions for recording the data. Notes about any unusual situations will be helpful. The "census file number" shown in the address should be copied on any separate sheets or other correspondence in case the sheets become separated from the report form.

If a person is in doubt as to whether a report should be filed, a form should be completed and notes explaining the situation should be included. Included in the census mail package is a form marked "This Form is FOR YOUR RECORDS" in the address label area and printed in brown ink. Please do not return this form with completed, pre-labeled form. We suggest that the operator complete the appropriate entries on the file copy, transcribe the 11-digit census file number (CFN) in the space provided and file the report for future use. The law provides that copies retained in respondent files are strictly confidential and immune from legal process.

GENERAL INFORMATION

1. Who is required to fill out the agriculture census report form?
All persons receiving a census report form, including landlords, tenants, partnerships, corporations, institutions, and others are expected to complete items 1, 2, 3, and 4 of Section 1. Answers to these questions determine whether it is necessary to complete the remaining sections of the form. See Section 1 on page 9 for additional information on this subject.
2. Nationwide use of report forms
The same report forms are used for all States except Hawaii. Because they are meant for use in all parts of the country, they contain sections which may not apply in your area or to the addressee's operation. For such sections, the "No" or "None" box should be checked and the addressee should then proceed to the next section.
3. Why there are sample and nonsample versions of the agriculture census report form.
To reduce the burden on respondents throughout the country, Sections 22 through 27 appear on only about one-fifth of the report forms. The extra information obtained in these sections will give the Bureau of the Census a good basis for making estimates of the extent of changes that have taken place in certain facets of American agriculture since 1974. The use of the sample will also save time for four-fifths of the respondents.
4. Why accurate reports are important.
Relatively few farmers and other respondents to the 1978 Census of Agriculture are aware of the significance of their reports. The data reported are compiled and published in the form of statistical totals by various classifications for counties, States, and the United States. The statistical totals are available to all as a basis for more efficient and effective planning.

Census of agriculture statistics are used as benchmarks for annual crop and livestock estimates. Manufacturers of machines, equipment, and other products needed by farmers use the census data as an aid in distributing their products. Wholesalers, retailers, service agencies, and others associated with agribusiness also rely on the data for future plans.

Congress uses the data when considering farm legislation. Agencies in the U.S. Department of Agriculture use the data to study problems in agriculture. In some cases, Federal and State funds are allocated among the counties based on census figures. Thus, it is important the figures in your county be as complete and accurate as possible.

When farmers count their cattle, keep records of their yields, etc., they are taking a census on their farm. Farmers are concerned that the results are accurate. In like manner, the Bureau of the Census is doing a count of all agricultural resources and agricultural production for 1978. We are concerned that the totals for counties and States include the correct data for all farms and ranches.

5. Is the census report confidential?

The information reported is absolutely confidential. The strict enforcement of the confidentiality provisions of the law receives major emphasis in every phase of operations of the Bureau of the Census. Only sworn employees of the Bureau have access to the individual reports. The Census publications provide no information about an individual farm's operation nor may any individual farm's figures be given to any Government or nongovernment agency for any purpose.

6. Reporting problems

Three major reporting problems in the census have frequently caused difficulties in getting complete and accurate information. One is landlords reporting for tenants; the second is distinguishing between farm and nonfarm activities, and the third is the problem of comparing total acres of cropland harvested with the sum of the acres of each individual crop harvested.

- 1) 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 complete a report form. All of the land operated and all agricultural operations must be reported on the report form, including the land rented from and/or worked on shares for one or more landlords. The entries for crops harvested, value of crops sold and number and value of livestock and livestock products should include the landlord's shares, as well as shares kept by the tenant. Separate report forms should be filled by each tenant or sharecropper. Land operated by tenants or sharecroppers is reported only in Section 1, items 3 and 6, as "land rented to others" on report forms filled for their landlords; crops grown, livestock raised, farm labor, and expenditures are all to be reported on the tenant's or sharecropper's report form.

- 2) A nonfarm activity, such as a service station, cotton gin, slaughtering plant, or vegetable cannery, located on the place is not considered part of the farm for census purposes. These related types of enterprises are considered as "Nonfarm" activities and should be excluded from this census report.

However, nonfarm activities used mainly for the disposal of commodities produced on the place where the facility is located should be considered as part of the farm. For example, packing shed operations on fruit farms are to be included as part of the farm operation, except in those cases where the packing shed is operated as a separate and distinct business from the orchard.

- 3) Acres reported for all crops--the total of all acreage devoted to crops (Sections 2 through 8) must be equal to or greater than the acreage reported for cropland harvested in Section 10, item 2a. The sum of acreages of crops harvested can be greater than the cropland harvested if more than one crop was harvested from the same field during 1978, for example, wheat and soybeans harvested from the same acreage in 1978, or cotton planted and harvested from the area between trees in a young orchard during 1978.

7. Multiple farming operations

A census report form should be filled out 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 filled out and returned by this operator. A separate report form is required for each agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which separate records of operating expenses and sales, livestock, and crop acreages and production are maintained.

The Bureau of the Census has drawn upon a number of different sources in preparing as complete a mailing list as possible. The sources used contain names of persons associated with an agricultural activity. Some persons may receive more than one report form because they have more than one operation or because they appear on more than one source with their name and/or address listed differently on each source.

8. If the operator did not have multiple farming operations and received two or more agriculture census report forms

Complete only one report form for this place and return the extra form(s) with the completed form. Write "Duplicate" beside the address on the extra form(s) and enter the extra Census File Number(s) on the completed report form.
9. Partnership Operations

For partnerships, the senior partner should fill out the report form for the entire partnership farming operation. If members of the partnership operate farms on their own, in addition to the partnership, separate report forms should be filled out for each individual place. If members of the farming partnership, other than the senior partner, received report forms and they had no farming operations of their own, write a brief explanation on the report form, such as "Senior partner, John Doe, has filled out report for partnership--I have no other farming operations of my own," and mail it to us in the return envelope.
10. Landlord's or contractor's share

If the addressee rented or leased land from others or had a contract for the production of agricultural products, be sure to have the addressee include on the report form both the addressee's and the landlord's or contractor's share of the production, sales, and expenses so the census report form will be complete for "This Place." If the landlord's or contractor's share for any item is not known, include an estimate of what the addressee thinks it might have been and indicate in the margins of the page that the value reported for that item includes an estimate of the landlord's or contractor's share.
11. How to mark the answers?
 - 1) Enter replies in the proper space, on the correct line, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanations and comments in the shaded areas to the left of the answer spaces or in the margins of the page or on a separate sheet of paper.
 - 2) If an answer to an item is "No" or "None," leave the answer space blank and mark an answer of "Yes," "No," or "None" with an X in the box provided.
 - 3) If exact figures are not available, enter best estimates. (The answer may be marked "est."--for estimated--if desired.) An estimate is much more useful than an omitted answer.

- 4) For all dollar items, we need only whole dollars. However, a "cents" column has been provided for those who prefer to report both dollars and cents.
- 5) Enter whole numbers except for those items where tenths are asked for. For those items, report in tenths of the whole number and enter the fraction in the "tenths" part of the answer space. Some common fractions which can be reported in "tenths" are:

Report $1/8$ as $1/10$ $3/8$ as $4/10$ $5/8$ as $6/10$
 $1/6$ as $2/10$ $5/6$ as $8/10$
 $1/4$ as $2/10$ $3/4$ as $8/10$
 $1/3$ as $3/10$ $2/3$ as $7/10$

Example for $3\frac{1}{2}$ acres irrigated:

Whole acres	Tenths
3	5/10

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

- 6) Report total quantities and not averages unless properly noted.
- 7) A section answered by a check in the "No" box at the beginning is finished. Go to the next section indicated.

12. Farming operations
carried on by
household members

On the report form for the operator include any farming operations carried on by members of his family or by other persons living in his household if they worked the land, or kept livestock, under his supervision. Likewise, report land used or livestock kept by a son or daughter for a 4-H or FFA club project on the report form for that place. Persons, including members of the family, living in the household and having entirely separate agricultural operations should report their operations on a separate report form.

13. Contracts

Be sure to include on the report form all livestock and poultry raised or crops grown by the farmer under contract for others. Report the total gross market value from items grown under contracts, whether or not the farmer received any income from the sales. If the amount spent or received is not known, the farmer should give the best estimate.

14. Corporations
and Institutions

A report form is required for all agricultural operations conducted by corporations, schools, hospitals, prisons, experimental stations, grazing associations, and other institutions. Report forms were mailed to these organizations and the manager of the agricultural operation was asked to complete them. On report forms for institutions, 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 should be reported as sold. Also, include all other sales and expenses associated with the agricultural operations of the institution.

INSTRUCTIONS FOR COMPLETING THE REPORT FORM

Section 1--Acreage in 1978

This section is for recording all agricultural land the addressee was associated with in 1978 and the names and addresses of all landlords and tenants. It determines the "Acres in This Place," that is, the land on which the agricultural activities of the farm or ranch were conducted.

Item 1. Land owned

Report all land owned by the addressee, spouse, or both under title, purchase contract, homestead law, or as heir or trustee of an undivided estate, even if all or part of it was rented out in 1978. Include all separate fields and tracts of cropland, pastureland, woodland, wasteland, and so forth.

If the home is on a separate piece of land, it should be included only if:

1. There are some agricultural operations there, or
2. Some farm equipment is kept there.

Item 2. Land rented or
leased from
others

If at any time in 1978 the addressee rented land from others, used land on a share basis, or used land rent-free, this land and the 1978 agricultural operations on it should be reported by the addressee, even though the landlord may have supplied equipment, fertilizer, or other materials, and some supervision of the work.

Include in this item:

1. All Federal (Forest Service, Taylor Grazing, military reservations, etc.), State, and railroad land rented or leased by the acre.

2. All land used under other arrangements, such as upkeep of land, providing services, construction of fences or buildings, payment of taxes, keep of landlord, etc.
3. All pieces of land rented regardless of location.
4. All rented land, even though it was used for only part of 1978.

Do not include:

Land used under Government grazing permits or special license on a per-head or animal-unit basis. Use of this land is accounted for by marking the appropriate box in item 7 of this section.

If the operator had more than three landlords, list the others on a separate sheet of paper and record the related data requested for this item.

Item 3. Land rented or leased to others Include in this item:

1. All land rented or leased to others for cash or a share of the crops or livestock.
2. All land rented, leased or used by others in 1978, regardless whether the addressee owned or rented it from others.
3. Land worked on shares for the addressee, even if the addressee supplied some supervision, equipment, fertilizer, or other materials.

Do not report as rented to others:

1. Pastureland or rangeland used or rented by others from the addressee on a per-head basis or for only a few months of the year. This land should be reported as part of the landlord's place and the livestock counted as on this place if they were there on December 31, 1978. For example, in the Plains States, wheat farmers frequently permit others to graze cattle on their wheat fields in the fall for a set fee per-head, per month or per pound gain. Even though the land was used by another person for a few months, it should be reported on the landlord's census report if the landlord was the operator of the land or on the report of the person planting and harvesting the wheat.

2. Land from which other persons buy a crop that is ready for harvest. For example, a farmer may raise a field of corn and sell it to a dairy farmer when the corn is ready to harvest for silage. In this example, the farmer who raised the corn should report the acres harvested, the production, and the value of sales on his or her report.

3. Land under a grazing permit used on a per-head basis.

Item 4. Acres in this Place

The entry for "Acres in this place" must represent the total of all land operated by the person in charge. Include land the person owns or homesteads, land rented or leased from others, land used rent-free, and land worked on shares for others. Do not include land rented to others, land others were permitted to use rent-free and land worked on shares by others. On questionnaires for hired managers, include all land managed except that part which is rented to others. All land in partnership operations should also be included on one questionnaire.

To determine "Acres in This Place" take

Land owned in 1978	reported in item 1
+ Land rented or leased from others in 1978	reported in item 2
- Land rented or leased to others in 1978	reported in item 3
= Total acres in "This Place"	reported in item 4

It is especially important to establish the correct entry for this item since the remainder of the report form applies to the "Acres in This Place." If the entry in item 4 is zero, the addressee should complete items 5 and 6 and refer to Section 1, item 3 of the information sheet included with the census.

If there were agricultural operations on the "Acres in This Place," the addressee is considered a farm or ranch operator and all applicable items in the different sections of the form should be completed.

- Item 5. Name and address of landlord This information is requested to aid in elimination of duplication in the census. Enter the name and address of each landlord and the number of acres the operator rented or leased from each one. Include all land the operator used rent-free or worked on shares. If additional space is needed, use a separate sheet of paper and attach it to the report form.
- If the land is leased from a Federal or State agency, or is Indian land, railroad land, etc., give name and address of the agency directly involved with the leasing arrangement.
- The sum of the acres reported for item 5 must equal the entry for item 2.
- Item 6. Land rented to others Report the name and mailing address of each renter or tenant and the number of acres rented to each in 1978. Report land assigned to tenants or sharecroppers as land rented to others, even though the landlord directed the farming operations and shared the crop. Do not include land worked by other members of the operator's household under the supervision of the operator.
- The sum of the acres reported for item 6 must equal the entry for item 3.
- Item 6a. Owned land rented or leased to others If any owned land was rented or leased to others, record the acreage.
- If no owned land was rented or leased to others, mark "X" in the "None" box.
- Item 7. Land used by Grazing Permit In some States, Government lands are used for grazing livestock under permit or special license, with payments on a per-head or animal unit basis. This land should NOT be included as part of item 2, "Land rented or leased FROM others," or item 4, "Total Acres in This Place." However, any livestock kept on this land should be included as part of the report.

Item 8. Acres set aside Under the provisions of the Federal Farm Program, many farmers had the option of setting aside part of their cropland that could have been planted to wheat, corn, grain sorghums, and barley. By complying with the program, the farmer became eligible for program benefits that include deficiency payments, disaster payment, and price support loans. A farm or ranch participating in the wheat program also had to participate in the feed grain program if wheat and field grains were planted.

Item 9--LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

This item is important because the principal county usually is the county in which the reported data for the farm or ranch will be tabulated for publication.

Item 9a. Principal county Report the principal county and State and number of acres operated by the operator in that county on line 1. The principal county is the county where the largest part of the value of the agricultural products sold from this place were raised or produced.

Item 9b. Other counties If the "Acres in This Place," (Section 1, item 4) are located in more than one county, give the names of the additional counties and States and the number of acres in each additional county on the "Other counties" lines. All of the "Acres in This Place" must be accounted for county-by-county.

Sections 2 through 8--CROPS HARVESTED FROM THIS PLACE IN 1978

Report all crops harvested from this place in 1978 in Sections 2 through 8. You may find it easier to report the crops if you first glance through these sections on pages 1 and 2 of the report form and read any instructions printed on the form for these sections. For example, report field corn for grain in Section 2, sweet corn in Section 5, alfalfa for hay in Section 3, and alfalfa seed in Section 8.

GENERAL INFORMATION FOR CROPS

1. Coding in Sections 4 through 8 Before starting a section, scan the crop list at the bottom of or next to the section. Find the crop grown and its code number and enter this information in the first two columns of the first answer line in the section. For each crop listed, enter the information requested in headings of remaining columns.
2. Crops relate to "Acres in this Place" The questions for crops always relate to the "Acres in This Place" recorded in Section 1, item 4. Include all crops harvested from these acres, but exclude any crops harvested from land rented or leased to others or worked on shares by others in 1978.
3. Acres harvested The entries for crops harvested must include the total area and total quantity harvested from this place during the entire year 1978. Include all methods of harvesting: cutting, digging, picking, stripping, or gathering, etc., whether by hand or machinery. For those items where tenths of acres are requested, refer to instructions on page 8.
4. Acres not harvested If a planted crop was not harvested because of crop failure due to drought, flood, fire, or some other natural disaster, do not report it in the Crops Section. Report this acreage not harvested in Section 10, item 2d, "Cropland on which all crops failed" unless it was hogged or grazed. There are a number of exceptions to be considered particularly land in orchards, citrus groves, grapevines, or planted nut trees and nursery and greenhouse products. Acreage occupied by growing crops planted for harvest in 1979, sod, sugarcane, pineapples, and similar products planned for 1979, should be reported in Section 10, item 2f, "Cropland idle." Exclude from Section 10, item 2d, any crop, such as field corn, soybeans, or similar products intended for harvest in 1978 but which were delayed because of weather, labor shortage, or some similar reason. Estimate value and yield on these 1978 crops which should be reported in appropriate sections.
5. Acreage and production If a crop was harvested, please give all information requested for that crop, including acres harvested, quantity harvested (in the unit of measure shown on the form) and the irrigation information.
6. Crops abandoned Do not report as harvested, fields or parts of fields planted and completely abandoned.
7. Changes in tenure arrangements Each operator should report his 1978 agricultural operations. This should include the requested information on all crops (including the landlord's share, if any) harvested from the land operated at any time during 1978, even though the operator did not have possession of the land on December 31, 1978.

Any changes in the tenure arrangements of the land operated during 1978 should be explained in the margins of the page or on a separate sheet of paper.

If any other operators conducted agricultural operations during 1978 on the land in this place, each should report his or her own agricultural operations on that land, and on a separate sheet of paper, each should give as much of the following information about the other operations as is known:

Name

Address

Number of Acres

Name of crop or description of other agricultural operation

8. Institutions Crops grown and harvested by an institution (school, prison, hospital, etc.) for use by the inmates should be reported as crops harvested. Use the estimated current market value to arrive at the sales figure to be reported in Section 9.
9. Unit of measure The answer to each production question should be given in the unit of measure requested. If the item offers a choice, check box to indicate unit of measure. If a conversion to the requested unit of measure cannot be readily made, be sure to notate the unit reported in the margin of the form.
10. Home Use Except for institutions, do not report as sold any crops that were kept for use by the operator and his family. Also, do not report as sold any crops kept for feed or seed on the place where grown, even if the crops were paid for by a landlord or contractor. No report is required for people with only a home garden and no other agricultural operations.
11. Interplanted crops or "skip" row planting Interplanting is two crops grown together or in alternate strips in the same field at the same time. "Skip" row involves leaving a space between the rows for conserving of moisture, soil conservation, tillage practices, movement of machinery and equipment between the rows for spraying and harvesting of the crop, etc. For each crop interplanted or having skip rows, report the portion of the field used by that crop.

Example 1. If a 40-acre tract of land was planed in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans for beans, 20 acres should be reported for soybeans in Section 2, item 8, and 20 acres should be reported for cotton in Section 2, item 9.

Example 2. If a crop was planted in "skip" rows for soil improvement, report the harvested portion of the field in the proper crop item and in Section 10, item 2a, and the soil improvement acreage in Section 10, item 2c.

Example 3. If "skip" rows were left idle, report the harvested portion of the acres in the proper crop item and include the acreage in Section 10, item 2a, and the idle acres in Section 10, item 2f.

12. Crops grown
under contract

If a farmer or rancher grew crops under contract for a canner, processor, etc., he or she should report the acres, quantity harvested, etc., and the market value of the crops sold.

13. Crop failure

Report total failure of crops (no part of the crop was harvested or no other crop was harvested) in Section 10, item 2d. Example: If 3 acres of corn completely failed in a 20-acre field of corn, do not include these 3 acres as harvested. If only the good spots in a poor field were harvested, report only the acres actually harvested and not the acres in the entire field. Acres with low yields (partial failure), however, are counted if the acreage was actually harvested, regardless of how low the yield. Do not report as crop failure, crops hogged or grazed; report such acreage as cropland pastured, unless provision is made for reporting the specific crop as hogged or grazed, e.g., corn and sorghums in Section 8.

14. Crops harvested
from orchards

If a crop was grown and harvested from an orchard, report the acres for the specific crop in the appropriate crop section, the fruit in the fruit section, and also in Section 10 (Land Use). For example, if a vegetable crop was grown among trees in a 5-acre orchard, report 5 acres in the item for vegetables in Section 5 and 5 acres of orchard in Section 4, and 5 acres of cropland harvested in Section 10.

15. Irrigation

For each crop irrigated, report number of acres irrigated in 1978. Report the acres of the same crop only once, regardless of the number of water applications. Irrigation is defined as land watered by artificial or controlled means--sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include supplemental, partial, and preplant irrigation. If none of the land for a crop was irrigated, leave the answer space blank.

If two different crops or two plantings of the same crop were harvested in 1978 from the same acreage, report the acres of each crop or planting irrigated. (Exception: In Section 5, item 1, report acres only once even though two or more vegetable crops were harvested from the same acres or the same acres were irrigated more than once.)

SECTION 2--FIELD CORN, WHEAT, OATS, BARLEY, SORGHUMS, SOYBEANS, COTTON, TOBACCO,
IRISH POTATOES, AND SWEETPOTATOES

Report the acres and quantity of the above crops harvested, as well as any remaining for harvest, from the place in 1978 and include any acres irrigated. If none of a crop was harvested from the place in 1978, mark "X" in the "None" box and go to the next item. Mature or almost mature crops of corn, soybeans, and sorghums that were hogged or grazed off by livestock should be reported in Section 8.

Items 1 and 2. Corn

Include the acres of field corn harvested for grain or seed in item 1 and corn harvested for silage or green chop in item 2. If the land was hogged or grazed following harvest for grain or silage, the acreage should be reported only as having been harvested for grain or silage.

DO NOT REPORT HERE--

Sweet corn, field corn, harvested for vegetable use or cut for dry fodder, or popcorn.

- a. Sweet corn for fresh market, canning, or freezing should be reported in Section 5, Crop Code 461.
- b. Sweet corn for seed should be reported in Section 8, Crop Code 773.
- c. Popcorn should be reported in Section 8, Crop Code 662.
- d. Corn cut for dry fodder should be reported in Section 8, Crop Code 581.

- Items 3-5. Wheat, Oats, Barley All kinds of wheat, oats, and barley combined or threshed (harvested) for grain from this place in 1978 are to be reported in this section. In reporting wheat, include winter and spring (including durum) varieties as a combined total. Small grain cut for hay should be reported in Section 3.
- Do not report acres or tons of straw baled from a crop threshed for grain or seed, but report the value of any sales from this product in Section 9, item 1.
- Items 6 and 7. Sorghums Include:
- a. All sorghums and milo harvested for grain or seed, silage, or green chop.
 - b. Include as sorghums for grain or seed, sorghums or milo harvested by cutting the heads from stalks and used for feed unthreshed.
 - c. If land from which sorghums or milo were harvested was hogged or grazed following harvest, the acreage should be reported only as having been harvested for grain or seed, or silage.
 - d. If two crops of sorghums were harvested for silage or green chop from the same planting, report the acreage only once, but report the total tons harvested from both crops.
- Sorghum hogged after harvest
- Two crops from same planting
- Sorghum-sudan crosses DO NOT INCLUDE in items 6 and 7:
- a. Sorghum-sudan crosses or sorghums for sirup. Report these in Section 3, item 3, and Section 8, Crop Code 773, respectively.
 - b. Sorghum cut for dry forage or hay. Report these in Section 8, Crop Code 698.
 - c. Sorghum hogged or grazed and not harvested. Report these in Section 8, Crop Code 701.
- Sorghum cut for dry forage or hay
- Sorghum hogged only
- Item 8. Soybeans Report only soybeans harvested for beans. Soybeans cut for hay or silage, hogged, grazed, or plowed under should be reported in Section 8, Crop Code 773.

- Item 9. Cotton Report only acres of cotton harvested. If cotton was grown in a "skip" row pattern, count as acres of cotton harvested only the land occupied by cotton.
- Item 10. Tobacco Report all types of tobacco harvested from the place in 1978. In reporting the total acreage, include tenths of acres. If "skip" rows or "sled" rows were used, count as harvested only the acreage occupied by the harvested tobacco.
- Items 11 and 12. Irish potatoes and sweetpotatoes Report the acreage and the total quantity of Irish potatoes and sweetpotatoes harvested from the place in 1978 for sale as livestock feed. If the potatoes were graded for sale, be sure to include the culls in the quantity harvested, as well as those sold. Also include yams in item 12. Exclude potatoes produced for home consumption.

SECTION 3--DRY HAY, GRASS, SILAGE, HAYLAGE OR GREEN CHOP CUT OR HARVESTED FROM THIS PLACE IN 1978

Mark the "yes" or "no" box to show whether any dry hay, grass silage, etc., were cut from this place in 1978. Be sure to include hay cut from pastures. If yes, complete this section for each crop cut or harvested. (No entry is required in this section for those crops not harvested.) If two or more cuttings of the same crop were made from the same field:

1. Report the acreage only once in the column for acres harvested and, where applicable, in the column for acres irrigated.

(Note: If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same field, report the acreage in the appropriate item under dry hay and also under grass silage, haylage, and green chop.)

2. Report the total tons from all cuttings combined.

If hay was cut from the same land from which small grains were harvested for grain--

- a. Report the acreage cut for hay in this section.
- b. Report the acreage cut for small grain in Section 2 or 8, as appropriate.
- c. Exclude straw, except to report value of sales from it in Section 9, item 4.

3. If a seed crop was harvested from the same land as a hay crop, report the hay crop in the appropriate item in Section 3 and report the seed crop in Section 8.

- Item 1. Alfalfa and alfalfa mixtures for hay or dehydrating Report only the acres and tons of alfalfa harvested or cut for hay. (Omit any quantity "harvested" by grazing.) Report the quantity in terms of dry weight. If the operator does not know the dry weight, obtain his best estimate.
- Item 2. Small grain hay This question relates to hay made from such crops as: wheat, oats, barley, rye, etc., in 1978. Report the acres and quantity of these crops harvested for hay. Also, report mixtures of small grain hay from these crops in this item. Exclude straw.
- Item 3. Tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc. Include in this item all dry hay made from such crops or mixtures as clover, lespedeza, fescue, timothy, Bermuda grass, Sudan grass, orchard grass, etc. Report the total acres harvested, quantity harvested, and acres irrigated of all such crops or mixtures of such crops. (Exclude dry hay made from alfalfa and alfalfa mixtures and small grain crops. Report hay made from these crops in items 1 and 2. Small grain crops include such crops as: wheat, oats, barley, rice, and rye.)
- Item 4. Wild hay Report in item 4 all hay cut chiefly from wild or native grasses, even if it had fill-in seedings of other grasses. Include acres and production of wild hay cut from public lands, pastures, and other land whether rent is paid or not. Estimate acreage, if necessary.
- Items 5 and 6. Grass silage, haylage, and hay crops cut and fed green (green chop) Report grass silage and haylage (hay preserved as silage) in item 5 and hay crops cut and fed green in item 6. If grass silage, "green chop," or "haylage" was cut from the same land from which hay was cut, report the acreage for that land both under land from which hay was cut and land from which silage, haylage, or green chop was harvested. For example, if 20 acres of alfalfa were cut for hay and then the same land was used to produce silage, report 20 acres and the quantity of hay for item 1 and 20 acres and the quantity of silage for item 5.

When reporting grass silage, include acres and total quantities from all cuttings, whether harvested from land cut for hay or from land used mainly for pasture.

SECTION 4--FRUIT TREES, GRAPEVINES, CITRUS AND NUT TREES

If there are 20 or more fruit trees, nut trees and/or grapevines (or a combination of these) on the place which are bearing or normally would be expected to produce fruit, nuts, or grapes, they should be reported in this section. Acres should be rounded to the nearest tenth of acre (1/10).

Include:

1. Trees and vines for home use, as well as those produced for sale.
2. Both bearing and nonbearing trees and vines.
3. Trees not harvested due to unsatisfactory prices, labor shortages, etc.

Do not report:

1. Trees and vines that have been abandoned and are not being maintained for production.
2. Young trees which will be transplanted for replacement. These trees should be reported in Section 6, Item Code 488, Nursery Products.

To estimate the number of trees per acre, find the planting distance between trees, then divide the total number of trees per acre. Planting distance corresponds to the number of trees per acre as shown.

Planting distance (feet)	Number trees or vines per acre	Planting distance (feet)	Number trees or vines per acre
8 x 8.....	680	22 x 24.....	82
8 x 10.....	545	24 x 24.....	75
8 x 12.....	454	25 x 25.....	70
9 x 9.....	538	26 x 26.....	64
10 x 10.....	436	27 x 27.....	60
10 x 12.....	363	28 x 28.....	56
12 x 12.....	302	28 x 30.....	52
12 x 14.....	259	30 x 30.....	48
14 x 14.....	222	32 x 32.....	43
15 x 15.....	194	35 x 35.....	35
16 x 16.....	170	36 x 36.....	34
18 x 18.....	134	40 x 40.....	27
18 x 20.....	121	40 x 45.....	24
18 x 22.....	110	45 x 45.....	22
20 x 20.....	109	45 x 50.....	19
20 x 22.....	99	50 x 50.....	17
20 x 24.....	91	55 x 60.....	18
22 x 22.....	90	60 x 60.....	12

Trees in borders

If fruit and nut trees are planted in borders and maintained for fruit or nut production or are interplanted among other crops, estimate the number of acres that would be required for them if they were planted in an orchard. Acres of trees used only for borders or shelters (not harvested for fruit or nuts) should be reported in Section 10, item 5.

SECTION 5--VEGETABLES, SWEET CORN, MELONS, ETC.

Review the crop list on the report form before beginning this section.

Include:

Multiple cropping

1. Entire acreage of each vegetable crop planted and harvested. For example: if 20 acres of radishes were harvested from a field and the field was replanted in radishes and harvested again, report 40 acres harvested in Section 5, Code 451, but report only 20 acres of land from which vegetables were harvested, Section 5, item 1.

Contracts

2. Vegetables grown under contract as sold from the place where grown.

Sales from home gardens

3. Area harvested only if there were sales from the home garden. Do not report vegetables grown only for home use. Area for gardens without sales should be reported in Section 10, item 5.

Florida

4. Vegetables harvested in the calendar year 1978 for all States except Florida. For Florida, report any vegetable crops that were harvested between September 1, 1977, and August 31, 1978.

Two or more pickings

5. Entire acreage of each vegetable crop planted and harvested. However, if two or more pickings are made from the same field, report the acres harvested only once.

Institutions

6. Acres of vegetables harvested from institutional farms.

Do not include:

- | | |
|---------------------------------|--|
| Dry peas--beans | 1. Dry peas, dry field and seed peas, dry lima beans or other dry field and seed beans. Report these in Section 8. |
| Potatoes | 2. Irish or sweetpotatoes. Report these in Section 2. |
| Under glass or other protection | 3. Vegetables grown under glass or other protection. These should be reported in Section 6. |

SECTION 6--NURSERY AND GREENHOUSE PRODUCTS

Include all flowers and plants grown on this place for sale, wholesale or retail. Include those sold on consignment.

- | | |
|------------------|--|
| Cold frames | 1. For crops grown in hot beds or cold frames, report only the area in the beds or frames. |
| In the open | 2. For plants produced in the open, give the acres in plants in acres and tenths of acres. |
| Under protection | 3. For plants produced under glass or other protection, show the area of plants in square feet. Report the greenhouse area only once, even though more than one crop was grown on it, except where different products as listed in Section 6 were grown on the same benches or beds. In this case, report the area for each product. |
| Nursery products | 4. For nursery products, report total acres harvested and sold from this place in 1978. |
| Sod | 5. For sod, report only the acres harvested and the dollar value of the sod sold in 1978. Acreage which was not harvested in 1978 should be reported in Section 10, item 2f. |
| Mushrooms | 6. For mushrooms, report the square feet of bed space used in 1978 only once even though it was harvested more than once or more than one crop was grown during the year. |
| Value of Sales | 7. When reporting value of sales, do not include products bought for resale without additional growing or other garden center items, such as chemicals, fertilizers, etc. Report the total value of sales (wholesale or retail) for |

those products grown on this place and sold directly from this place. Report only the wholesale value of any products sold through a retail outlet which is not on this place or if the retail outlet is considered a separate business establishment. Values should be estimated, if necessary.

SECTION 7--STRAWBERRIES, CRANBERRIES, OR OTHER BERRIES

These questions refer to all kinds of tame and cultivated berries harvested for sale in 1978. Wild blueberries are the only uncultivated berries which should be reported here.

Report in acres and tenths of acres and give the quantity harvested. If less than 1/10 acre was harvested, do not report the acreage or the quantity of berries harvested, but include the value of any sale from small areas in Section 9, item 6.

SECTION 8--OTHER CROPS HARVESTED FROM THIS PLACE IN 1978--RICE, PEANUTS, FIELD SEEDS, SUGAR CROPS AND OTHER CROPS NOT PREVIOUSLY REPORTED

This section is for reporting information on all crops not reported in Sections 2 through 7. It is a "catchall" section for crops less widely grown. We must have information on every crop for the place whether or not it is printed on the report form.

For each crop not listed on the report form as a separate crop, write in the name of the crop in the column under "crop name," use Crop Code 773, and report acres and quantity harvested, and acres irrigated. (Examples of such crops are broomcorn, hops, mustard seed, etc.) Be sure to specify the measure (unit) of production used: lbs, bu, tons, etc.

Special attention must be given to the units of measures in parenthesis to the right of each crop listed. For example, alfalfa seed is to be reported in pounds, flaxseed in bushels, sunflower seed in pounds, etc. Rice may be reported in either of three units by using the correct crop code number. In this case, use the unit preferred by the farmer. If the farmer provides the answer(s) in a different unit of measure other than those specified for a crop, convert it to the proper unit or make a note along the margin of the page to clearly indicate that it is a different unit of measure.

Sugar beets for sugar Report the acreage of sugar beets for sugar with Crop Code 719 and the acreage devoted to seed production with Crop Code 773.

Sugarcane Report the acreage of sugarcane for sugar, seed, and sirup with Crop Codes 722, 725, and 773, respectively. If more than one use was made of the crop, prorate the acreage on the basis of each use and report sugarcane for sirup as other crops. In Florida and Texas, report cuttings of sugarcane from November 1978 through April 1979. Other States report 1978 crop year.

SECTION 9—GROSS VALUE OF CROPS SOLD

Include:

1. The total gross value of all crops sold or removed from this place in 1978, regardless of the year they were produced.
- Shares 2. 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 removed from this place. Estimate equivalent market value, if necessary.
- Partnership 3. If the operator is the senior partner of a partnership, include the total value of all products sold from the place for all partners.
- Institutions 4. If the farm belongs to an institution, consider as sold all crops including vegetables harvested on that farm which were used by inmates of the institution. Use the estimated current market value to arrive at the sales figure to be reported.
- Government loans 5. For items 1a and 2a, include the value of crops placed under Government loan or seal in 1978 regardless of the year in which it was produced. Report the value of the loan on crops, not the estimated value of the crops produced.
- Co-ops and pool-type
arrangements 6. 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 1978. This value should relate to the gross market value of the crop before deduction of any production or marketing expenses, such as harvesting, hauling, etc. These expenses are to be reported in Section 27. Section 27 is not applicable to the nonsample form, Form No. 78A1N.

Harvesting costs

7. Whenever crops were harvested by contractors, cooperatives, or others, and the operator received a price for his 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 27 if operator received the sample form, Form No. 78-A1S.
8. Sales from nonfarm-related activities, such as trading and speculation or livestock dealer activities should be excluded.

Do not report value of sales from land rented to others or worked on shares by others.

Item 1. Grains

Report the market value of the following crops here: corn for grain, sorghums for grain, rice, wheat, and other small grains, dry beans, dry peas and cowpeas, flaxseed, sunflower, popcorn, safflower, etc. Include the value of grains placed under Government Commodity Credit Corporation (CCC) loans in item 1. Also report the total receipts from CCC loans in item 1a.

Exclude the value of grain fed, used for seed on the place, or stored on this place unless it is in the loan program. Value of sales from corn and sorghum silage and sorghum hay sold should be reported in item 4.

Items 2 and 3. Cotton,
Cottonseed, and
tobacco

Include the value of any part given to landlords as rent and the value of cottonseed unless retained for seed. The value of seed purchased should also be included as a production expense in Section 27, item 4, of the sample report form (No. 78-A1S).

Item 4. Field seeds,
hay, forage, and
silage

Report the value of any sales from field seeds, hay, forage and silage here.

Item 5. Vegetables,
sweet corn, and melons

Include fresh market sales to consumers, wholesalers, or other buyers, and sales to canners, freezers, dehydrators, or other processors of any of the crops listed in Section 5. The value should include the gross value, including harvesting and marketing cost, even if paid for by others. Value of vegetables grown under glass or other protection should be reported in item 7.

- Item 6. Fruits, citrus, nuts and berries Report the sale of any of the products listed in Sections 4 and 7 to include berry crops, grapes, tree nuts, citrus fruits, deciduous tree fruits and all other fruit and tree nuts.
- Item 7. Nursery and greenhouse products The total value of all sales reported in Section 6, including vegetables grown under glass or other protection, sod, and mushrooms should be reported here.
- Item 8. Other field crops Include the value of sales from the following crops: peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, broomcorn, mint for oil, hops, etc. Enter the name(s) of the crop(s) opposite the word "Specify" in item 8 and record the value of sales from these crops.
- The value of sales from forest products, such as: lumber, pulpwood, firewood, maple sirup, sap, gum, etc., are to be excluded from this report.

SECTION 10--LAND USE IN 1978

- Item 1. Acres in this place This section is to classify the land reported in Section 1, item 4, by principal use in 1978. Copy "Acres in this place" from Section 1, item 4. Do not include any land rented to others as reported in Section 1, item 3. The land-use items have been arranged in what is normally considered a decreasing order of economic importance.

Land Used for Multiple Purposes--Each acre in this place is to be reported only once in this section, even though the land was used for more than one purpose in 1978. For example, if a farmer plowed under a cover crop and then a grain crop was planted and harvested from it, report the land in item 2a, "Harvested in 1978," and not as "Cropland used for cover crop, legumes, etc." (item 2c)

Double-cropping--If more than one crop was harvested from the same land in 1978, report the acreage only once in this section, item 2a as "Harvested in 1978." For example, if wheat was harvested from a 40-acre field in 1978 and then soybeans were planted and harvested from the same field in 1978, report 40 acres "Harvested in 1978" in item 2. However, in Section 8 acres are to be reported in the questions for both wheat and soybeans.

Interplanted Crops--If two crops were grown together, such as alfalfa in a young orchard, report the total land used for both crops only once, as "Harvested in 1978" in item 2a. In Sections 2 and 4, report for each crop the total acres under both crops.

Item 2a. Cropland
Harvested

Cropland harvested includes all acreage from which crops were harvested in 1978.

This includes:

1. Wild or tame hay harvested.
2. Land in orchards and vineyards (both bearing and nonbearing) including those trees on which the 1978 bloom or fruit were freeze killed.
3. All acres in greenhouses, nurseries, and sod sold.
4. 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 Sections 2-8 minus the acreage of land from which two crops were harvested (acres double-cropped) equals the cropland harvested. If more than two crops were harvested from the same acreage, that acreage should be counted only once in this section.

Item 2b. Cropland used
for pasture
or grazing

Cropland used only for pasture or grazing includes:

1. Land which could have been used for crops without any additional improvement.
2. Land in planted crops that was hogged off, pastured or grazed before reaching maturity.

This does not include:

Corn, sorghums, soybeans and cowpeas which should be reported in item 2a if hogged or grazed. These crops are to be considered harvested when hogged or grazed, if not harvested for grain or cut for silage.

Item 2c. Cropland used for cover crops Report land used in 1978 only to grow cover crops for controlling erosion or to be plowed under for improving the soil.

Do not include any acreage from which crops were harvested or used for pasture or grazing.

Item 2d. Cropland on which all crops failed Cropland on which all crops failed includes:

1. All of a crop failed (except fruit or nuts in an orchard, grove, or vineyard being maintained for production) and no other crop was harvested from this land and the land was not pastured or grazed.
2. Acreage not harvested because of low prices or labor shortages.
3. If some, but not all, of the acreage of a crop was harvested, the harvested acreage should be reported in Section 10, item 2a, 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 2e. Summer fallow Cropland in cultivated summer fallow includes:

1. Cropland that--
 - a. was not harvested or pastured or
 - b. was plowed under and cultivated or
 - c. weeds were controlled and
 - d. was left unseeded for 1978 harvest

Include cropland summer fallowed here in 1978 even though it may have been planted to wheat, etc., for 1979 harvest.

Item 2f. Cropland idle Idle cropland includes any other acreage which could be used for crops without any additional improvement and which was not reported in any of items 2a through 2e. This includes:

1. Land not harvested in 1978 but occupied by growing crops for harvest in 1979 or later years. Examples are acreages of young strawberries, new sugarcane planting, etc.

2. Report land plowed again after first clearing it of brush, but which has been idle for one or more years.
3. Skipped rows in crops should be reported here if the land was not used for any other purpose and was not reported as cropland harvested.

Item 3. Woodland

Report all woodlots or timber tracts, natural or planted.

This includes:

1. Cutover and deforested land with young growth which has or will have value for wood products.
2. Report all woodland used for pasture or grazing in item 3a.
3. Report all other woodland in item 3b.
4. Report land planted for Christmas tree production in 3b.

Do not include:

1. Cutover or deforested land which has been improved for pasture.
2. Sagebrush or mesquite land.

Item 4. Other
pastureland
and rangeland

This land-use item includes all remaining types of pastureland and rangeland, other than cropland or woodland pasture that is normally used for pasture or grazing. It will usually include land which may be called "meadow" or "prairie" and which may be composed of bunchgrass, shortgrass, buffalo grass, bluestem, bluegrass, switchgrass, 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 pinon, etc., are to be reported here. Also include grazing lands which may have been improved by seeding, liming, fertilizing, irrigation, drainage or controlling of brush or weeds.

- Item 5. All other land Include in item 5 land occupied by building sites, lanes, roads, ponds, barn lots, gardens for home use, wasteland, etc. Also include all land in this place that does not fit the definition for any of the other land-use categories listed above. Explain these other uses in the margins of the page or on a separate piece of paper, if necessary.
- Item 6. Total acres This is the total of all entries reported for items 2 through 5 and it should be the same as item 1 of this section.

SECTION 11--IRRIGATED LAND IN 1978

Irrigation refers to the adding of water to land by any artificial or controlled means, such as: sprinklers, furrows and ditches, spreader dikes, flooding, and subirrigation. Pre-plant, partial, and supplemental irrigation are to be included. Include spreading or channeling of spring run-off or flood waters over pasture if done by man-made structures. Count each acre only once, regardless of the number of times irrigated or harvested.

- Item 1a. Irrigated harvested land Report the acres of irrigated land from which crops were harvested in 1978 and all irrigated land in bearing and nonbearing fruit and nut crops. Irrigated hay land should be included if the hay was cut.
- Item 1b. Irrigated pastureland and rangeland Report the combined total of all acreage used only as pastureland and rangeland which was irrigated at least once during the year. Include land irrigated by spring flooding if water was diverted or spread by dams, spreader dikes, canals, ditches, pipes, or other works.
- Item 1c. Any other lands irrigated Enter in item 1c any irrigated land other than that reported in items 1a and 1b. Include here land not harvested due to crop failure, labor shortage, idle land, land in cultivated summer fallow, or land in cover crops and soil improvement grasses.
- Item 1d. Total land irrigated Add the acres reported in items 1a through 1c and enter the total in the space provided. This total cannot be greater than the entry for item 1 of Section 10.

GENERAL INFORMATION ON REPORTING LIVESTOCK AND POULTRY

1. Number on this place Report all livestock and poultry kept on this place on December 31, 1978, regardless of who owned them, the operator, members of the family, partners, a landlord, neighbors, hired help, investors, or others. Report livestock and poultry raised, fed, or pastured under a contract or on a custom basis if they were located on this place on December 31, 1978. If, on December 31, 1978, livestock and poultry were
 1. being moved from one place to another, or
 2. on unfenced land, or
 3. grazing in national forests, grazing districts, open range, or on land used under permit,they should be reported by the person who was responsible for them on December 31, 1978, and reported as being on the place operated by that person.
2. Value of sales Report all livestock and poultry sold from this place in 1978. Report those sold from this place by hired workers and members of the family of the person in charge. Livestock and poultry raised under contract or on a custom basis for others are to be reported as sold when they were removed from this place. Include animals sold for a landlord or given to a landlord or others in trade or payment for goods, services, or use of the land. Animals removed from this place to be fed, produced, or grown by others on a contract basis are to be reported as sold when they were removed from this place. Estimate the market value of such animals if necessary.

Do not report any livestock or poultry

 1. owned which were on someone else's farm or feedlot on December 31, 1978, or
 2. bought and then resold within 30 days, or
 3. slaughtered for home use.

SECTION 12--CATTLE AND CALVES

If anyone had cattle or calves on the place in 1978, check "Yes" and complete this section; if not, check "No" and go to Section 13.

Inventory

- | | |
|---|---|
| Item 1. Cattle and calves | Report the total number of cattle and calves of all ages on this place on December 31, 1978. Remember to include calves, bulls and cattle being fed on this place. Include cattle and calves on unfenced land or grazing in National forests, grazing districts, or open range as being on the place where the operator has his/her headquarters. Do not include cattle quartered on other farms or in feedlots which are not part of this place. |
| Item 1a. Beef cows | Report as beef cows, cows that were <u>not</u> kept for the production of milk for sale or home use. Include beef heifers as beef cows if they have calved. |
| Item 1b. Milk cows | Report cows of any breed kept for the production of milk or cream for sale or home use. Include dry milk cows and milk heifers as milk cows if they have calved. |
| Item 1c. Heifers and heifer calves | Report heifer calves, as well as heifers, that had not calved. |
| Item 1d. Steers, steer calves, bulls, and bull calves | Report all steers, steer calves, bulls, and bull calves of all ages on this place December 31, 1978. |

Value of Cattle and Calves Sold

Report separately the value of sales of calves and of cattle sold from this place in 1978. Be sure to include the gross value of sales before deducting taxes and expenses (feed, livestock purchased, cost of hauling, selling, etc.) If the sales price is not known, give your best estimate of their market value when they left this place. Do not report the value of sales of livestock owned by you but held on and sold from someone else's place. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place. For cattle moved from the operator's place to a feedlot for further feeding, the operator should give the best estimate of their market value when they left this place.

- Items 2 and 3. Cattle and calf sales Cattle and calf sales are to be reported in two groups:
1. Calves weighing less than 500 pounds
 2. Cattle, including calves, weighing 500 pounds or more
- Item 3a. Fattened cattle Of the total cattle sold, report the number that were sold for slaughter after being fattened on this place on grain or concentrates for 30 days or more.
- Do not report on this line veal calves that were fattened primarily on milk or dairy cows that were fed only the usual dairy ration before being sold; do not include cattle and calves sold for further feeding.
- Item 4. Dairy Products Sold Dairy products sold-- Report the gross value of all milk and cream sold from this place. Include the total value before hauling costs and co-op dues were subtracted.

SECTION 13--HOGS AND PIGS

- Item 1. Total hogs and pigs Report the total number of hogs and pigs of all ages on this place as of December 31, 1978. Include those being fed or kept under a contract or an agreement for others.
- Item 1a. Hogs and pigs for breeding Report the total number of hogs and pigs used or to be used for breeding on the place December 31, 1978. Include bred sows, bred gilts, boars, other sows, and gilts intended for breeding and young males to be used for breeding.
- Item 1b. Other hogs and pigs Report here all other hogs and pigs, including all hogs intended for home slaughter, and those on hand being raised for slaughter.
- Item 2. Litters farrowed Report number of LITTERS farrowed during each of the specified time periods, not the number of pigs produced during each farrowing.
- Item 3. Hogs and pigs sold Report the total number of hogs and pigs sold from this place in 1978 and give the gross value of sales before taxes and expenses (feed cost, livestock purchased, etc.). If the sale price is not known, give your best estimate of their value when they left the place.
- Item 4. Feeder pigs sold Of the hogs and pigs sold from the place, report the number sold as feeder pigs for further feeding. Report their value at the time they left the place. If the sales price is not known, give the operator's best estimate of their value when they left the place. To be classified as feeder pigs the pigs should have been born on this place. Pigs purchased from someone else should be reported only in item 3, if sold from this place in 1978.

SECTION 14--SHEEP OR LAMBS

- Item 1. Inventory Number Report the total number of sheep (including ewes, rams, and wethers) and lambs of all ages on any part of this place as of December 31, 1978.
- Number Sold In the number sold, include animals of all ages without regard to ownership or who shared the receipts if the animals were located on this place for 30 days or more and were sold or removed from this place for sale in 1978.
- Item 2. Sheep and lambs shorn Report the total number of sheep and lambs shorn, the total pounds, grease basis, of all wool obtained in 1978, whether from one or two shearings of each animal. Include all sheep and lambs shorn during the year, whether or not they are still on this place. Count only the number of animals shorn, even if they were shorn more than once during 1978.
- Item 3. Total sales of sheep, lambs, and wool Report the gross value before deducting taxes and expenses (feed costs, livestock purchased, etc.) of all sheep, lambs and wool sold from the place in 1978. Include any incentive payments and payments from previous year's marketings if payment was received in 1978.

SECTION 15--HORSES, BEES, FISH, OTHER LIVESTOCK AND ANIMAL SPECIALTIES

This section relates to all other livestock and animal specialties not reported in previous sections of the report form, except poultry that is reported in Section 16. All horses and ponies, mules, goats, mink, rabbits, and so forth, on this place December 31, 1978, should be reported here. Report the number on hand, number sold, and value of all other types of livestock and animal specialties in this section.

- Mink inventory When reporting the inventory of mink on this place as of December 31, 1978, do not add the number of pelts on hand to the live animal inventory.
- Mink and pelts sold When reporting the number of mink sold in 1978, add together the number of pelts and the number of live mink and the gross value of sales from both the animal and the pelt.
- Rabbits and chinchillas Report as inventory only live rabbits and chinchillas on this place as of December 31, 1978. Exclude any inventory of pelts. Report as sales all rabbits, chinchillas, or their pelts sold.

- Bees - Inventory If the operator owns a colonies of bees, report bee and honey operations on this place regardless of where the hives were kept during most of the year. Colonies of bees should be reported in item 4 from list A and honey should be reported in item 5 from list B.
- Fish Fish raised in captivity for sale should be reported. Fish may be reported in pounds sold or number sold. Estimate acreage under water, if necessary.
- Other livestock products If any semen, manure, beeswax, or other livestock products were sold from this place in 1978, specify the product, quantity sold, and gross value of sales in item 5, list B, Code 870, "Other livestock products."

SECTION 16--POULTRY

The poultry should be reported by the person who furnished the housing and labor whether or not that person owned them. If the respondent does not know the number sold, value of sales, feed cost, and so forth, a close estimate should be given.

- Item 1. Hens and pullets of laying age Include hens in molt with other hens and pullets of laying age. In the sold column, include any old or cull hens sold or moved from this place during 1978.
- Item 2. Pullets 3 months or older Report all pullets 3 months old or older not yet of laying age. Sales of started pullets, including those raised under contract, should be reported for this item in the "sold" column.
- Roosters and young male chickens kept for breeding should be reported in item 6 under the category "All Other Poultry," and Code 914.
- Roosters kept for meat production should be reported in item 4 with broilers, fryers, and other meat-type chickens.
- Item 3. Pullet chicks and pullets under 3 months old Include pullet chicks under 3 months old but do not count broilers that are to be raised for meat in this item.

- Item 4. Broilers Include all batches and lots of broilers produced on this place and sold or moved in 1978, including those raised under contract. Report the number of birds on hand December 31, 1978, regardless of who owned them, and report all sales of broilers, cornish hens, and other meat-type chickens grown on this place regardless of who received payment for them. Do not report sales of chickens from laying or breeding flocks in this item; report them in item 1. Report broilers raised on this place by other family members unless they are filling a separate census report.
- Item 5a. Turkeys for slaughter Only those turkeys intended for slaughter that were on this place in December 31, 1978, should be counted in the inventory column, while those sold in 1978 should be included in the number sold column.
- Item 5b. Breeding turkeys Turkey hens kept for breeding and on this place on December 31, 1978, should be included in the inventory column and those sold in 1978 included in the "sold" column.
- Item 6. Other poultry Report all other poultry raised in captivity on this place on December 31, 1978, and not accounted for in items 1 through 5. Enter the name and the code number of each species from the list in item 6, such as ducks, geese, pigeons (squabs), pheasants, quail, and all other poultry. Report the number sold at any time in 1978 in the "sold" column.
- Item 7. Poultry hatched Report all poultry hatched on this place in 1978. Kind of poultry should be specified.
- Item 8. Incubator egg capacity Report the incubator egg capacity on this place on December 31, 1978.
- Item 9. Value of sales Report the total value of eggs and poultry sold from the place in 1978 whether the poultry was sold alive or dressed. Report the gross value of sales before deducting taxes or any cost of production or marketing (feed, labor, trucking, etc.). Include the market value (estimate, if necessary) of any poultry produced under contract and taken from the place, the value of any poultry given to landlords, and the landlord's share of receipts from the sale of any poultry.

SECTION 17--CUSTOMWORK AND AGRICULTURAL SERVICES

Include any customwork and agricultural services provided on other farm(s) in 1978, such as plowing, planting, harvesting, crop dusting services, spraying, pollinating services, stud fees, preparation of products for market, etc. Include those income-producing activities from which the operator or members of the operator's family use machinery, capital, or labor normally used for agricultural production and which is not considered separate from the farm activities. Report the gross amount received before deducting taxes and expenses.

Do not include exchange work on another farm unless cash payment was received for the service performed.

SECTION 18--DIRECT SALES TO INDIVIDUALS FOR HUMAN CONSUMPTION

The purpose of this section is to determine the value of agricultural products produced and sold directly to individuals for human consumption. Report the sales of any crops, such as vegetables and fruit, cattle, hogs, sheep, chickens, turkeys, milk, cream, eggs, etc., produced on this place in 1978 and sold directly to consumers from roadside stands, farmers' markets, pick your own, etc.

SECTION 19--TYPE OF ORGANIZATION

This section identifies the type of proprietorship or organization that best describes how this place was operated in 1978. Mark only one box.

1. Individual or Family Operation--Mark this box if the place is operated by one person for himself or for him and his family or by a husband and wife. This should include farms or ranches, business organizations, or family operations which are not incorporated or operated as partnerships.
2. Partnership Operation--Mark this box if the place is run by two or more persons in partnership. This should not include farms run by husbands and wives (unless there is a formal agreement). It is intended to include those organizations where two or more persons have agreed on sharing of contributions (capital and effort), decision-making, liabilities, and the distribution of profits. If this box is checked, be sure that the number of partners is entered in the space provided at the right side of the page.

3. Incorporated Under State Law--A corporation may be defined as a legal entity or artificial person created under the laws of a State to carry on a business. It includes family corporations but not cooperatives. For corporate entities, check one box for item a and one box for item b.
4. Other--If this place of operation is a cooperative, institutional farm, or any other kind of organization not readily classified in the above-mentioned categories, mark block "7" and specify the type. Some examples are:
 - a. Estate--Undivided property still in or subject to probate.
 - b. Trust--The farm is operated by a person as trustee for someone else who may not be of age, may be in a hospital or some other kind of institution, or is otherwise unable to carry on his own business. Estate or trust may be further defined as a property administered for the benefit of another individual or organization. If an estate or trust property was operated by others under a rental agreement, boxes 1, 2, or 3 should be marked. Estate or trust may also be defined as a fund of money or property administered for the benefit of another individual or organization.
 - c. Indian Reservation--The farm or rangeland is owned by an Indian reservation and operated for the general benefit of reservation residence. Farms or places operated by Indians owning or having allotted land should be reported in the same manner as any other farms or places.
 - d. Grazing Associations--The farm or rangeland is operated as a grazing association.

- e. Cooperative--The farm is operated as a cooperative. It is defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members.
- f. Institution--Farm is operated as part of a school, prison, hospital, religious organization, etc.
- g. Experiment Station--The farm is operated primarily for research by either a public or private agency, and perhaps, but not necessarily, in conjunction with a school.

SECTION 20--CHARACTERISTICS AND OCCUPATION OF OPERATORS

- Item 1. Residence Indicate "YES" or "NO" if the operator or person in charge of the agricultural operation lived on this place most of the time in 1978.
- Consider that the operator lives on "this place" if any part of the agricultural operations, such as poultry, livestock, fruit trees, etc., are at the residence or farm machinery is kept there. If no agricultural operations take place at his dwelling other than a home garden, check the "no" box.
- Item 2. Race This item is needed to provide factual information about minority participation in agriculture production activities. The box which best describes the operator's race should be marked. If his race is other than one of those preprinted on the form, check the box marked "Other" and write in the race in the space provided.
- Item 3. Age Report the age of the operator (senior partner or person-in-charge) on his last birthday.
- Item 4. Sex Please indicate if the operator (senior partner or person-in-charge) is male or female.
- Item 5. Hispanic Origin Please indicate YES or NO whether the operator is of Spanish origin or a descendent of a Spanish ethnic country regardless of race.
- Item 6. Principal Occupation If the operator or person in charge of the place spent the majority (50 percent or more) of his work time in farming or ranching operations in 1978, mark the box "farming." The "Other" box should be marked for operators spending less than 50 percent of their work time at farming or ranching operations. For partnership operations, consider the work time of all members of the partnership together.

Item 7. Off-Farm Work Mark the appropriate box that indicates the total number of days the operator (senior partner or person-in-charge) worked at least 4 hours per day off this place in 1978 for pay.

Include work for pay on someone else's farm and all nonfarm work even if the operator had his or her office or workroom on the place farmed.

Does not include exchange work where the operator of this place exchanged help with another farmer with no payment in cash or kind involved.

SECTION 21--FOREIGN OWNERSHIP OF LAND

In recent years, increasing amounts of American agricultural lands have been purchased by foreign investors, individuals, corporations, associations, etc. No accessible source exists that can determine the extent of this trend. Please indicate with a YES or NO, or DON'T KNOW if any or all of the acres in this place were owned at any time in 1978 by individuals who are not citizens of the United States, or by foreign corporations, unincorporated associations or a foreign government.

SECTION 22--COMMERCIAL FERTILIZER AND LIME USED ON THIS PLACE DURING 1978

The majority of farmers and ranchers use commercial fertilizer including rock phosphate and lime at various times. If any fertilizer or lime was used on this place in 1978, mark the "Yes" box and complete items 1, 2, and 3 of this section. If more than one application of lime or fertilizer was applied, report the acreage only once. Exclude the use of manure and other materials, such as sludge, or soil conditioners.

- | | |
|--|--|
| Item 1. Cropland
fertilized | Report the acres of all cropland, other than cropland pasture, fertilized with commercial fertilizer in 1978. |
| Item 2. Pastureland and
Rangeland
Fertilized | Report the total number acres of pastureland and rangeland on which commercial fertilizer was used on this place in 1978. This item refers only to the acreage reported in Section 10, items 2b and 4. |
| Item 3. Tons of Lime | Report the number of tons of lime and the total number of acres on which lime was applied on this place in 1978. Do not include lime, gypsum, or land plaster used for sanitation purposes. |

SECTION 23--INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES,
OTHER CHEMICALS

This section is for reporting the number of acres on the place on which chemicals were used in 1978 to control insects, diseases, nematodes, weeds; and for defoliation or growth control on various crops. It also requests information on whether any chemicals were used to control insect on livestock and poultry, sanitation purposes, and so forth. For each place using any of these materials in 1978, report all acres treated regardless of who provided the materials, i.e., farm or ranch operator, landlord, custom sprayers, or contractors. Count each acre only once, with reference to any one chemical, applied to a specific crop even though the chemical may have been applied more than once. If chemicals are applied to more than one crop raised on the same land, count the acres once for each crop. Report all land treated even if the crop was later abandoned.

Report the cost of these materials and cost of application in Section 26, items 6 and 9.

- | | |
|---|--|
| Item 1. Sprays, dusts, granules, fumigants, etc. | Report the use of sprays, dusts, and other materials applied to control or prevent insects, nematodes, diseases, weeds, or brush in crops or pasture in 1978. Fallow land treated to be planted to a crop in 1979 should be included. Do not include mechanical methods of removing insects from plants. Do not include chemicals for treatment of brush or weeds in ditches, fence rows, roadbanks, etc. |
| Item 2. Chemicals for defoliation, growth control, or thinning of fruit | Include all chemicals used for thinning of fruit, controlling harvesting dates, plant growth regulators, and for defoliants or desiccants to remove leaves and to kill plants. |
| Item 3. Chemicals used for insect control, treatment of buildings, etc. | <p>Mark the "Yes" and "No" boxes to show whether any chemicals were used to control insect on livestock or poultry, for treatment of buildings, sanitation or rodent and bird control, etc.</p> <p>Include lime used for spraying or sanitation purposes, gypsum, and other chemicals. Do not include lime or liming materials used to condition the soil. Those materials are to be reported in Section 22.</p> |

SECTION 24--MACHINERY AND EQUIPMENT ON THIS PLACE

This section is for recording the estimated market value of all machinery, equipment, and implements used on the place during the past 2 years and to provide a count of selected vehicles, machinery, and equipment on the place on December 31, 1978.

- Item 1. Value of all machinery and equipment
- The estimated current market value is to include all cars, trucks, tractors, combines, etc., used on the place. 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. Do not report share interest, report the full value. If more than one report form is required for an operator, the equipment and machinery are to be reported on the report form for the place where the equipment and machinery are usually kept.
- Do not include:
1. Worn-out equipment no longer used or that was not used in 1977 or 1978 unless it was newly purchased.
 2. Equipment owned that was not on the place December 31, 1978.
- Item 2. Automobiles
- Include all automobiles kept on this place for farm or ranch use regardless of who owned them. Cars of sons and daughters working off the farm or going to college are to be excluded.
- Item 3. Motortrucks
- Include all pickup trucks and truck-trailer combinations kept on this place for farm or ranch use. Also include jeeps and station wagons used mainly as trucks, but do not include school buses.
- Item 4. Wheel tractors
- Report those wheel tractors used for farm or ranch use, but do not include implements with built-in power units, such as self-propelled combines and balers or power units of truck-trailer combinations.
- Item 5. Grain and bean combines self-propelled only
- Report the number of self-propelled grain and bean combines (used for harvesting and threshing operations) on this place on December 31, 1978. Include grain combines equipped with cornpicking head attachments. Do not include any pull-type grain and bean combines.

- Item 6. Cornheads for combines Report the number of cornpicker head attachments on this place on December 31, 1978, used on grain combines in 1977 or 1978 for picking and shelling corn.
- Items 7 and 8. Other corn pickers, picker-shellers, and cotton pickers Include in item 7 all other types of corn pickers used to harvest corn either "shelled" or "on the ear." Report all cotton pickers used to harvest cotton in item 8. Do not include cotton strippers.
- Item 9. Mower conditioners Several different types of machines are used for conditioning hay. This item should include those machines used to cut and crimp or crush hay for conditioning. These machines may or may not be used to windrow hay. Report all of these machines on the place December 31, 1978, that were used in 1977 or 1978.
- Item 10. Pickup balers Report both hand-tie and automatic models of pickup balers. Include all types: string, wire, square, round (small or large). Do not include stationary balers.
- Item 11. Field forage harvesters Report cylinder, shear bar, or flywheel types used to cut or chop forage crops in the field.

SECTION 25--EXPENDITURES FOR ENERGY AND PETROLEUM PRODUCTS

- Gasoline, other petroleum fuel, oil, coal Report the total expenses for gasoline, oil and other petroleum products purchased for the farm business. Do not report:
1. Expenses for automobiles for personal use of the family.
 2. Tractors and other farm equipment used when doing customwork on other farms or off this place.
 3. Trucks used to haul for others.
 4. Cooking or heating of the farmhouse.
 5. Any other expenses not related to the farm work on this place.
- Farm fuel storage capacity Report in items 1 through 4 the farm fuel storage capacity and the expenditures for gasoline, diesel fuel, and LP gas (butane or propane).

SECTION 26--SELECTED PRODUCTION EXPENSES

These items refer to costs incurred for selected items during 1978 regardless whether payment has been made. Tenant farmers should report expenses by landlords for agricultural operations on this place, as well as their own spending. Farm operators who rent part of their land to others should not report production expenses on that land. They are to only report those expenses for agricultural operations on land they actually use themselves.

For products grown under contracts, include the value of inputs furnished by the contractor, such as livestock or poultry, feed, seed, fertilizer, chemicals, etc., as well as the estimated cost of harvesting, hauling, etc., done by the contractor.

Please give estimates if you cannot get exact figures.
Do not include:

1. Expenses related to nonfarm activities, such as trading and speculation in the commodities market or livestock trading activities, if the livestock were not kept 30 days or more.
2. Expenses connected with performing customwork for others, operation of nonfarm activities, business or services, or household expenses not related to the farm business.

Item 1. Livestock and poultry Report the total amount spent by the operator, his landlord, and by others for all livestock and poultry bought during 1978 for production on this place. Include amounts spent for cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, hatchery eggs, etc. For livestock or poultry grown under contract or fed on a custom basis on this place, report their value (estimate, if necessary) at the time they came on this place.

Item 2. Livestock and poultry feed Report the cost of all feed for livestock and poultry during 1978. Include grain, hay silage, mixed feeds, concentrates, etc. The value of feed supplied by others, as in broiler contracts, should be estimated if the cost of the feed used on this place is unknown. Include the cost of the feed fed to livestock while they are on "permit" grazing land.

Do not include:

1. The cost of feed for livestock fed off this place.
2. Payments made by a tenant to his landlord for grain grown on the tenant's place.

3. Payments made by a contractor to the operator for grain grown on this place under a contract or payments for grain for livestock owned by the operator of this place but fed on contract off this place.

- Item 2a. Commercially mixed formula feeds
Include the estimated cost of all commercially mixed feed purchased by the operator, supplied by contractors, landlords, and others. Estimate, if necessary, the cost of feed supplied by a contractor for livestock or poultry fed under contract on this place.
- Item 3. Animal health cost for livestock and poultry
Report the total cost of animal medicine and veterinarian services for the place in 1978. Include the cost of serums, medicine, antibiotics, etc., purchased separately and mixed in the feed.
- Item 4. Seeds, bulbs, plants, and trees
Enter the cost of all seeds, bulbs, plants, and trees or the estimated cost of these items if provided by contractors. Do not include the value of seed grown on this place.
- Nursery and greenhouse operators should not include the cost of products purchased for resale without additional growth.
- Item 5. Commercial fertilizers
Report the total cost of all commercial fertilizer - including rock phosphate and gypsum - purchased in 1978 for use on this place, but do not include the cost of applying. Cost of application is to be reported in item 9. Include the cost of fertilizer purchased by other people (landlords, contractors, custom operators, etc.) and applied on the land in this place, and include the full value of fertilizer purchased with the help of a Federal program, such as Agricultural Conservation Programs.
- Landlords should not include fertilizer used on land rented to others or land worked by others on a share basis. These costs should be included on the report for the tenant's or sharecropper's place.
- Item 6. Agricultural chemical
Report the cost of all agricultural chemicals used on the place in 1978. Include the cost of insecticides, herbicides, fungicides, other pesticides, lime, etc., but exclude the cost of applying these chemicals in this item. Report the application cost in item 9.

- Item 7. Hired farm or ranch labor Report the total amount paid for farm labor including regular workers, part-time workers, and to members of the operator's family if they received payment. Include all payments for labor, social security taxes, State tax, unemployment tax, and payment for sick leave or vacation pay. Combine all payments whether made by the hour, month, or by the unit of work done and enter the total here.
- Consider as hired farm labor any work necessary for the agricultural operations of this place paid for in cash. Personal or business checks are considered cash for this purpose.
- Exchange work Do not include in labor expenses services received in exchange for work or housework, nor the expense of new construction or repair of buildings by workers hired specifically for that purpose.
- Item 7a. Number of hired farm or ranch workers Report in item 7a the number of farm or ranch workers who worked: 150 days or more and those who work less than 150 days. Consider any time worked on a day. An employee working 1 hour per day every weekday would count as working 150 days or more.
- Item 8. Contract labor Include 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.
- The contract usually involves a specific payment and is legally binding. Equipment for the job may be provided by the operator of the place, the person or company contracted to do the job, or it may have been hired from someone else.
- If the operator hired equipment from someone other than a person or company that was contracted to do the job, report the expense in item 9.
- Item 9. Customwork Report the cost of having any customwork done on the place, such as plowing, spraying, harvesting, preparation of products for market, grinding and mixing feed, combining, corn picking, drying, silo filling, dusting, fertilizing, etc. Include here any expense for the rental of machines, such as tractors, combines, plows, etc, and include the cost of labor used to operate machines if included in the total cost of the customwork. Exclude the cost of cotton ginning.

SECTION 27--ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

This section is for recording the operator's estimated current market value of the land and buildings for the acres reported in Section 1, items 1, 2, and 3.

Include:

1. Market value of the operator's dwelling if part of this place.
2. Value of farm buildings, dwellings used by laborers, fruit packing sheds, vegetable sheds, etc., that are used to prepare products of the farm for marketing.

Do not include:

1. Value of major agricultural manufacturing or processing plants, such as cotton gins or sugar mills.
2. Value of institutional or other buildings used for non-agricultural purposes, such as hospitals, dormitories, stores, filling stations, factories, etc.

Frequently, the value of land and buildings must be estimated by the operator. This is especially true when answering for market values of land and buildings rented from others.

SECTION 28--PERSON COMPLETING REPORT

When the report form has been completed, make a quick review to see that the information is complete and as accurate as possible. Please print the name of the person to contact if additional information is needed on the farming or ranching operation. Enter the address and telephone number of this person. Record the date of completing the report.

Be sure to enter in the margins of the report form or on a separate sheet of paper any notes about problems encountered in filling the report form. Also include notes explaining entries which might be questionable. Always enter the section and item number of the question to which each remark or calculation refers.

DUE BY FEBRUARY 15, 1979

Form Approved: O.M.B. No. 41-578025

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

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

FORM 78-A1(S)
(4-10-78)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



1978 CENSUS OF AGRICULTURE

COMPLETE AND RETURN TO

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

Note Please read the Information Sheet before completing the form.

If book figures are not available, reasonable estimates may be used. If filing by Feb. 15 causes an undue burden, a time extension request may be sent to the above address. Include your 11-digit Census File Number (CFN) as shown in your address label in all correspondence to us.

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

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

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

SECTION 1 ACREAGE IN 1978

If the acres you operated in 1978 changed during the year, refer to the INFORMATION SHEET, Section 1.

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

- None ☐ Number of acres
1. All land owned ☐ 043
2. All land rented or leased FROM OTHERS, including land worked by you on shares; used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below. ☐ 044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below. ☐ 045
4. ACRES IN THIS PLACE — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. ☐ 046

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

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

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

Name of landlord	Mailing address (Include ZIP code)	Number of acres
		047
		048
		049

List additional landlords on a separate sheet of paper.

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

Name of renter	Mailing address (Include ZIP code)	Number of acres
		050
		051
		052

List additional renters on a separate sheet of paper.

- a. Of the land you rented or leased to others, how many acres did you own? ☐ 053 Acres
7. During 1978, did you have any Federal or State grazing permits on a per-head basis; such as Forest Service, Taylor Grazing, Indian Reservations, etc.? ☐ 054 1 ☐ Yes 2 ☐ No
8. How many set aside acres did you have in the Federal Farm Program in 1978? ☐ 055 Acres

9. LOCATION OF AGRICULTURAL ACTIVITY FOR THIS PLACE

- a. In what county was the largest value of your agricultural products raised or produced?
- | Principal county | County name | State | Number of acres |
|------------------|-------------|-------|-----------------|
| | | | 056 |
| | | | 057 |
| | | | 058 |
| | | | 059 |
- b. If you also have agricultural operations in any other county(ies), enter the county name(s), etc.

INSTRUCTIONS

Sections 2 through 8 provide space for reporting crops harvested during 1978. Please report your crops in the appropriate section. Do not include crops grown on land rented to others. Use section 8 to report ONLY those crops NOT listed in sections 2 through 7.

SECTION 2 Were any of the FOLLOWING CROPS harvested from this place in 1978?

None	Acres harvested	Quantity harvested	Acres irrigated
1. Field corn for grain or seed (Report quantity on a shelled-weight basis) ☐	067	068 — OR — Bu. Cwt.	069
2. Field corn for silage or green chop ☐	070	071 Tons, green	072
3. Wheat for grain ☐	073	074 Bu.	075
4. Oats for grain ☐	076	077 Bu.	078
5. Barley for grain ☐	079	080 Bu.	081
6. Sorghums for grain or seed (include milo) ☐	082	083 — OR — Bu. Lbs.	084
7. Sorghums for silage or green chop (exclude sorghum-sudan crosses) ☐	085	086 Tons, green	087
8. Soybeans for beans ☐	088	089 Bu.	090
9. Cotton ☐	091	092 Bales	093
10. Tobacco — all types ☐	094	095 Lbs.	096
11. Irish potatoes ☐	097	098 Cwt.	099
12. Sweetpotatoes and yams ☐	100	101 Bu.	102

SECTION 3 Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from this place in 1978? (Include sorghum-sudan crosses and hay cut from pastures.)

- 003 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 4

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

■ DRY HAY

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

1. Alfalfa and alfalfa mixtures for hay or dehydrating
2. Small grain hay — oats, wheat, barley, etc.
3. Other tame dry hay, clover, lespedeza, timothy, Bermuda grass, Sudan grass, etc.
4. Wild hay

■ GRASS SILAGE, HAYLAGE, AND GREEN CHOP

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

5. Grass silage and haylage
6. Hay crops cut and fed green (green chop)

Acres harvested	Quantity harvested (Report either dry or green weight as indicated)	Acres irrigated
103	104 Tons, dry	105
106	107 Tons, dry	108
109	110 Tons, dry	111
112	113 Tons, dry	114
115	116 Tons, green	117
118	119 Tons, green	120

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place

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

2. From the list at the right, enter name and code for the fruit trees, grapevines, and nut trees on this place in 1978. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc. For interplanted trees, estimate the area covered by each kind of fruit. If other crops were interplanted with trees, see Information Sheet.

Crop name	Code	NUMBER OF TREES OR VINES OF -		Acres in trees and vines of all ages		Quantity harvested	Unit of measure Mark one			
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs. per box
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5 ☐
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5 ☐
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5 ☐
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5 ☐
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5 ☐

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

SECTION 5 Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from this place in 1978?

1 ☐ YES - Complete this section

2 ☐ NO - Go to section 6

For Florida, report for September 1, 1977 through August 31, 1978 harvest season; for all other States report for calendar year 1978.

1. Land from which vegetables were harvested in 1978

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

2. From the list below, enter the crop name and code for each crop harvested in 1978.
If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 6.

[illegible]

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

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

SECTION 6 Were any NURSERY and GREENHOUSE PRODUCTS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, or MUSHROOMS grown FOR SALE on this place in 1978?

006 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 7

Area irrigated			
None	Square feet	Acres	Tenths
☐	477	478	/10

1. Nursery and greenhouse products irrigated in 1978 (%)

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

Product name	Code	Square feet under glass or other protection in 1978	Acres in the open in 1978		Sales in 1978	
			Whole acres	Tenths	Dollars	Cents
			1	/10	2 \$	
			1	/10	2 \$	
			1	/10	2 \$	

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

Product name	Code	Product name	Code
Bedding plants (include vegetable plants)	479	Foliage and flowering plants	491
Bulbs	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery products - environmental, lining-out stock, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
		Greenhouse vegetables	503
		Other - Specify	506

SECTION 7 Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from this place in 1978?

1 ☐ YES - Complete this section

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

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

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

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

SECTION 8 Were any OTHER CROPS harvested from this place in 1978 - rice, peanuts, field seeds, sugar crops, or other crops not previously reported?

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

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

[illegible]

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

Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	542	Proso millet (bushels)	665
Beans, dry field and seed (100-pound bags)	554	Red clover seed (pounds)	671
Beans, dry lima (100-pound bags)	557	Rice { (100-pound bags) or (bushels) or (barrels)	677 680 683
Buckwheat (bushels)	575	Rye for grain (bushels)	686
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Ryegrass seed (pounds)	689
Cowpeas for dry peas (bushels)	584	Safflower (pounds)	692
Emmets and spelt (bushels)	599	Sorghum cut for dry forage or hay (tons, dry weight).	698
Faxseed (pounds)	602	Sorghums hogged or grazed	701
Flaxseed (bushels)	605	Sugar beets for sugar (tons)	719
Grains, mixed (bushels)	614	Sugarcane for sugar (tons) — See Information Sheet	722
Kentucky Bluegrass seed (pounds)	629	Sugarcane for seed (tons)	725
Lespedeza seed (pounds)	638	Sunflower seed (pounds)	734
Mint for oil (pounds of oil)	644	Timothy seed (pounds)	746
Peanuts for nuts (pounds)	656	Other crops (pounds) — <i>See</i> <i>Specific</i>	773
Peas, dry field and seed (pounds)	659		
Popcorn (pounds, shelled)	662		

SECTION 9 GROSS VALUE of CROPS SOLD from this place in 1978, BEFORE taxes and expenses (Refer to the INFORMATION SHEET, Section 9.)

Report your best estimate of the value for each of the following groups of crops sold from this place in 1978. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains sold in 1978, including Government CCC loans — corn for grain, grain sorghums, rice, wheat and other small grains, soybeans, dry beans, dry peas and cowpeas, flaxseed, sunflower seed, popcorn, and safflower	☐	776	
a. Of the total, how much was received in 1978 from Government CCC loans?	☐	777	
2. Cotton and cottonseed, including Government CCC loans	☐	778	
a. Of the total, how much was received in 1978 from Government CCC loans?	☐	779	
3. Tobacco	☐	780	
4. Field seeds, grass seeds, hay, forage, and silage	☐	781	
5. Vegetables, sweet corn, and melons — DO NOT include Irish potatoes or sweetpotatoes, report them in Item 8 below.	☐	782	
6. Fruits, nuts, berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.	☐	783	
7. Nursery and greenhouse products	☐	784	
8. Other crops — peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, mint for oil, hops, etc. — Specify	☐	785	

SECTION 10 LAND USE IN 1978

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

NOTE: If the same land had more than one use in 1978, REPORT THAT LAND ONLY ONCE — in the use first listed below that applies. For example, cropland harvested and also pastured is to be reported only as "Cropland harvested."

	None	Number of acres
2. CROPLAND		787
a. Cropland harvested — Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products.	☐	788
b. Cropland used only for pasture or grazing — Include rotation pasture and grazing land that could have been used for crops without additional improvements.	☐	789
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	790
d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in Item 2a.)	☐	791
e. Cropland in cultivated summer fallow	☐	793
f. Cropland idle	☐	794
3. Woodland — Include all woodlots and timber tracts and cutover and deforested land with young timber growth.		795
a. Woodland pastured	☐	796
b. Woodland not pastured	☐	797
4. Other pastureland and rangeland — Include any pastureland other than cropland and woodland pasture	☐	798
5. All other land — Land in house lots, ponds, roads, wasteland, etc. Include any land not reported in Items 2 through 4 above	☐	799
6. TOTAL ACRES — Add the acres reported in Items 2 through 5 (Should be the same as Item 1 above.)		800

SECTION 11 Was any LAND in this place IRRIGATED at any time in 1978?

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

011 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 12

	None	Number of acres irrigated
1. How many acres of each of the following classifications of land were irrigated in 1978?		799
a. HARVESTED LAND reported in section 10, item 2a — Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.	☐	800
b. PASTURELAND or RANGELAND reported in section 10, items 2b and 4 — Include spring flooding if water diverted or spread by dams, spreader dikes, canals, ditches, pipes, or other works.	☐	801
c. ANY OTHER LANDS — Such as land not harvested due to complete failure, idle land, land in cultivated summer fallow, or land in cover crops and soil-improvement grasses.	☐	802
d. TOTAL LAND IRRIGATED (Total of a, b, and c above.)		802

SECTION 12 Did you or anyone else have any CATTLE or CALVES on this place in 1978?

012 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 13

• DECEMBER 31, 1978 INVENTORY

	None	INVENTORY Number on this place Dec. 31, 1978
1. CATTLE AND CALVES of all ages (Total of a, b, c, and d below)	☐	803
a. BEEF COWS — Include beef heifers that had calved	☐	804
b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved	☐	805
c. HEIFERS AND HEIFER CALVES — Exclude heifers that had calved	☐	806
d. STEERS, STEER CALVES, BULLS AND BULL CALVES	☐	807

• CATTLE AND CALVES SOLD FROM THIS PLACE IN 1978

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

	None	Number sold in 1978	Gross value of sales
			Dollars Cents
2. Calves weighing less than 500 pounds	☐	808	809
3. Cattle, including calves weighing 500 pounds or more	☐	810	811
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813

• DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1978

	None	Gross value of sales
		Dollars Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1978. Report goat dairy products in section 15	☐	814

SECTION 13 Did you or anyone else have any HOGS or PIGS on this place in 1978?

013 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 14

• DECEMBER 31, 1978 INVENTORY

	None	INVENTORY Number on this place Dec. 31, 1978
1. HOGS and PIGS of all ages (Total of a and b below)	☐	815
a. HOGS and PIGS used or to be used for BREEDING	☐	816
b. OTHER HOGS and PIGS	☐	817

• LITTERS FARROWED

	None	Number of litters
2. LITTERS FARROWED on this place between —		818
a. December 1, 1977 and May 31, 1978	☐	819
b. June 1, 1978 and November 30, 1978	☐	

• HOGS AND PIGS SOLD

	None	Number sold in 1978	Gross value of sales
			Dollars Cents
3. HOGS and PIGS SOLD from this place in 1978	☐	820	821
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823

SECTION 14 Did you or anyone else have any SHEEP or LAMBS on this place in 1978?

014 1 ☐ YES — Complete this section
2 ☐ NO — Go to section 15

	None	INVENTORY Number on this place Dec. 31, 1978	SALES Number sold in 1978
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

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

	None	Gross value of sales
		Dollars Cents
3. What was the gross value of sales of sheep, lambs, and wool from this place in 1978?	☐	829

SECTION 15 Did you or anyone else have any HORSES, BEES, FISH, OTHER LIVESTOCK, or ANIMAL SPECIALTIES in 1978?

- 015 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 16

	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978	Gross value of sales	
			Dollars	Cents
1. Horses and ponies of all ages ☐	830	831	832	
2. Mules, burros, and donkeys ☐	833	834	835	
3. Mink and their pelts ☐	836	837	838	
a. Mink females used for breeding ☐	863			
4. Other livestock or animal specialties in captivity (Enter name and code from "List A" below.)				
Name _____ Code _____				

	Acres under water for aquaculture	Total quantity sold in 1978	Gross value of sales	
			Dollars	Cents
5. Livestock or animal products (Enter name and code from "List B" below.)				
Name _____ Code _____				
6. Fish and other aquaculture products (Enter name and code from "List C" below.)				
Name _____ Code _____				

List A

Name	Code	Name	Code	Name	Code
Colonies of bees	839	Other goats	848	Worms	857
Angora goats	842	Rabbits and their pelts	851	All other livestock - Specify	860
Milk goats	845	Chinchillas and their pelts	854		

List B

Name	Code
Mohair sold	864
Goats milk sold	866
Honey sold	868
Other livestock products - Specify	870

List C

Name	Code	Name	Code
Catfish	872	Other fish - Specify	884
Trout	876	Other aquaculture products - Specify	888
Tropical and baitfish	880		

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

SECTION 16 Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1978? (Include poultry grown for others on a contract basis.)

- 016 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 17

	INVENTORY Number on this place Dec. 31, 1978	Total number sold in 1978
1. HENS and PULLETS of laying age ☐	892	893
2. PULLETS 3 months old or older not yet of laying age ☐	894	895
3. PULLET CHICKS and PULLETS under 3 months old (Exclude commercial broilers.) ☐	896	897
4. BROILERS, fryers, and other meat type chickens, including capons and roasters ☐	898	899
5. TURKEYS	900	901
a. Turkeys for slaughter (Exclude breeders.) ☐		
b. Turkey HENS kept for breeding ☐	902	903
6. OTHER POULTRY raised in captivity - ducks, geese, pigeons or squab, pheasants, quail, etc. (Enter poultry name and code from the list below.)		
Poultry name _____ Code _____		
Poultry name _____ Code _____		

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

7. POULTRY HATCHED on this place in 1978 and placed or sold - chickens, turkeys, ducks, etc. - Specify kind of poultry ☐

8. Incubator egg capacity on December 31, 1978 ☐

9. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1978? Include estimated value of poultry and poultry products moved from this place by contractors and others. ☐

Gross value of sales	
Dollars	Cents
918	

SECTION 17 Income from MACHINE WORK, CUSTOMWORK, and OTHER AGRICULTURAL SERVICES PROVIDED for others in 1978

Total amount received from machine work, customwork, and other agricultural services PROVIDED FOR OTHERS in 1978 - planting, plowing, spraying, harvesting, etc. ☐ None ☐ Dollars ☐ Cents

Specify kind of work done _____

SECTION 18 During 1978 did you SELL any crops, livestock, or livestock products DIRECTLY to individuals FOR HUMAN CONSUMPTION - roadside stands, farmers markets, pick your own, etc.?

- 018 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 19

1. What was the gross value of these direct sales? ☐ Dollars ☐ Cents

Specify products sold - vegetables, eggs, etc. _____

SECTION 19 TYPE OF ORGANIZATION

Mark (X) the one item which best describes the type of organization for this place in 1978. Refer to the INFORMATION SHEET, Section 19.

- FAMILY or INDIVIDUAL operation (sole proprietorship), excluding partnership and corporation ☐ 921
- PARTNERSHIP operation. Include family partnerships ☐ 922 Total number of partners _____
- INCORPORATED UNDER STATE LAW
Answer BOTH a and b
 - a. Is this a family held corporation? ☐ 3 Yes ☐ 4 No
 - b. Are there more than 10 stockholders? ☐ 5 Yes ☐ 6 No
- OTHER, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc. ☐ 7 Specify _____

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

1. RESIDENCE - Does the operator (senior partner or person in charge) live on this place? ☐ 923 Yes ☐ 2 No
2. RACE of operator (senior partner or person in charge). ☐ 924
 - 1 White
 - 2 Negro or Black
 - 3 American Indian
 - 4 Asian or Pacific Islander
 - 9 Other - Specify _____
3. AGE of operator (senior partner or person in charge). ☐ 925 _____ Years old
4. SEX of operator (senior partner or person in charge). ☐ 926
 - 1 Male
 - 2 Female
5. SPANISH ORIGIN - Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Mexican American, Cuban, or other Spanish)? ☐ 927
 - 1 Yes
 - 2 No
6. PRINCIPAL OCCUPATION - At which occupation did the operator spend the majority (50 percent or more) of his work time in 1978? For partnerships consider all members of the partnership together. ☐ 928
 - 1 Farming
 - 2 Other
7. OFF FARM WORK - How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1978? Include work at a nonfarm job, business, or on someone else's farm. (Exclude exchange farm work.) ☐ 929
 - 1 None
 - 2 1-49 days
 - 3 50-99 days
 - 4 100-149 days
 - 5 150-199 days
 - 6 200 days or more

SECTION 21 Was any of the land in this place held under FOREIGN OWNERSHIP in 1978?

- 021 1 ☐ YES - Complete this section
2 ☐ NO
3 ☐ Don't know } Go to section 22

Of the total acres in this place, how many were owned by -

1. Individuals who are NOT citizens of the United States? ☐ 930
2. A foreign held corporation or unincorporated association, or a foreign government? ☐ 931

SECTION 22 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1978?

022

- 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 23

None Acres fertilized

1. Acres of cropland fertilized in 1978, other than cropland used only for pastures reported in section 10, item 2b. ☐ 932

2. Acres of pastureland and rangeland fertilized in 1978 reported in section 10, items 2b and 4. ☐ 933

3. LIME - tons of lime used and acres on which applied (Do not include land plaster or gypsum or lime for sanitation.) ☐ None Tons of lime Acres limed
934 935

SECTION 23 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATOCIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1978?

023

- 1 ☐ YES - Complete this section
2 ☐ NO - Go to section 24

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control - None Number of acres on which used

a. Insects on hay and other crops ☐ 936

b. Nematodes in crops ☐ 937

c. Diseases in crops and orchards (blights, smuts, rusts, etc.) ☐ 938

d. Weeds, grass, or brush in crops and pasture ☐ 939

2. Chemicals for defoliation or for growth control of crops or thinning of fruit ☐ 940

3. Were any chemicals used for -

a. Insect control on livestock and poultry, including treatment of buildings? 941 1 ☐ Yes 2 ☐ No

b. Sanitation, rodent and bird control, etc.? (Include lime for sanitation). 942 1 ☐ Yes 2 ☐ No

SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1978
(Include only equipment used for agricultural operations in 1977 or 1978.)

Value of ALL machinery and equipment on this place, December 31, 1978

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc. Estimated market value
Dollars Cents
943 \$

SELECTED machinery and equipment on this place, December 31, 1978. (Report only if used in 1977 or 1978.)

None

2. Automobiles ☐ Total number on this place on December 31, 1978 Of the total, HOW MANY were manufactured in the last 5 years (1974-1978)? (Number)

3. Motortrucks (Include pickups) ☐ 944 945

4. Wheel tractors other than garden tractors and motor tillers ☐ 946 947

5. Grain and bean combines, self-propelled only ☐ 948 949

6. Corn heads for combines ☐ 950 951

7. Other corn pickers and picker-shellers ☐ 952 953

8. Cotton pickers (Exclude cotton strippers) ☐ 954 955

9. Mower conditioners ☐ 956 957

10. Pickup balers ☐ 958 959

11. Field forage harvesters, shear bar or flywheel type ☐ 960 961

12. Field forage harvesters, shear bar or flywheel type ☐ 962 963

SECTION 25 EXPENDITURES FOR ENERGY and petroleum products for the farm business during 1978

Include expenditures paid by you and others for production of crops, livestock, and other agricultural products from this place in 1978. None

	Expenditures		Gallons purchased in 1978	Storage capacity on this place (in gallons)
	Dollars	Cents		
1. Gasoline for farm business ☐	966		967	968
2. Diesel fuel for the farm business ☐	969		970	971
3. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon) ☐	972		973	974
4. Fuel oil for the farm business ☐	975		976	977
5. Natural gas for the farm business ☐	978			
6. Kerosene, motor oil, grease, for the farm business ☐	979			
7. Electricity for the farm business ☐	980			
8. Other - coal, wood, coke, etc. ☐	981			

SECTION 26 SELECTED PRODUCTION EXPENSES paid by you and others for this place in 1978

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1978. DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.

	Selected expenditures	
	Dollars	Cents
1. Livestock and poultry purchased - cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc. ☐	982	
2. Total feed purchased for livestock and poultry - grain, hay, silage, mixed feeds, concentrates, etc. ☐	983	
a. Commercially mixed formula feeds purchased - complete, supplement, concentrates. (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.) ☐	984	985
3. Animal health costs for livestock and poultry. Include veterinarian services, serums, vaccines, medicines, etc. ☐	986	
4. Seeds, bulbs, plants, and trees purchased ☐	987	
5. Commercial fertilizer purchased - all forms, including rock phosphate and gypsum. Report custom application costs in item 9 below. ☐	988	
6. Agricultural chemicals purchased - insecticides, herbicides, fungicides, other pesticides, lime, etc. Report custom application costs in item 9 below. ☐	989	
7. Hired farm or ranch labor (See Information Sheet) ☐	990	
a. Of the hired workers, including paid family workers, how many -	None	Number of workers
(1) Worked 150 days or more? ☐	991	
(2) Worked less than 150 days? ☐	992	
8. Contract labor - Include expenditures primarily for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc. ☐	993	
9. Customwork, machine hire and rental of machinery and equipment - Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Exclude cost of cotton ginning) ☐	994	

SECTION 27 ESTIMATED MARKET VALUE OF LAND and BUILDINGS

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for the acres reported in section 1, items 1, 2, and 3, page 1.

	Estimated current market value of land and buildings	
	Dollars	Cents
1. All land owned ☐	996	
2. All land rented or leased FROM OTHERS ☐	997	
3. All land rented or leased TO OTHERS ☐	998	

SECTION 28 PERSON COMPLETING THIS REPORT - Please print

Name _____ 999 Date _____

Telephone _____ Area code _____ Number _____

When the data have been tabulated, do you want a summary sheet showing major census results for your county? 029 1 ☐ YES 2 ☐ NO

INDEX

- Acres harvested.....6,14
 Acres in this place.....11,14,27
 Acres not harvested.....14,21,29
 Agricultural services.....38
 Alfalfa.....20
 Animal specialties.....35,36

 Barley.....18
 Beef cows.....33
 Bees.....35,36
 Berries.....24,27
 Broilers.....18

 Cattle and calves.....33
 Census File Number.....3,7
 Characteristics of operator.....40
 Chemicals.....42,46
 Chinchillas.....35
 Citrus.....21,27
 Coding.....14
 Cold frames.....23
 Commercial fertilizer.....41,46
 Confidentiality of reports.....3,5
 Contract labor.....47
 Contractors.....7
 Contracts.....8,16,22,45
 Cooperatives.....25,40
 Corn.....17
 Corporations.....9,39
 Cotton.....19,26
 Crop failure.....16,29
 Cropland harvested.....28
 Cropland idle.....29
 Cropland used for cover crops.....29
 Cropland used for pasture.....28
 Crops abandoned.....14,21
 Crops-general information.....14
 Crops harvested from orchards.....16
 Crops hogged or grazed.....17,18,28
 Customwork.....38,47

 Dairy products.....34
 Direct sales to individuals.....38
 Dry fodder.....17
 Dry forage.....18
 Dry hay.....19,26
 Double-cropping.....27
 Duplicate report forms.....7

 Energy Expenditures.....44
 Estates.....39
 Estimates.....7
 Exchange work.....47
 Experiment stations.....40

 Farm operator.....2
 Fattened cattle.....34
 Federal Farm Program.....13
 Federal or State land.....9,12
 Feeder pigs.....34
 Feedlot.....32,33
 FFA or 4-H projects.....8
 File copy.....3
 Fish.....35,36
 Florida.....22
 Foreign ownership.....41
 Fractions of acres.....8
 Fruit trees.....21,27

 Gardens.....15,22
 Government grazing permits.....10,11,12
 Government loans.....25
 Grains.....19,20,36
 Grapevines.....21,27
 Grazing associations.....39
 Green chop.....19
 Greenhouse products.....23,27

 Harvesting costs.....26
 Hawaii.....4
 Hay.....19,20,26
 Heifers.....33
 Hens and pullets.....36
 Hired labor.....47
 Hogs and pigs.....34
 Home use.....15,21,22
 Horses.....35

 Incubator egg capacity.....37
 Indian reservation.....39
 Institutions.....9,15,22,25,40
 Interplanted crops.....15,28
 Irrigation.....16,17,31

 Landlords.....5,7,10,12
 Land owned.....9
 Land rented from others.....5,9

Land rented to others.....	5,10,12
Land use.....	27
Lime.....	41
Litters farrowed.....	34
Livestock and poultry feed.....	45,46
Livestock-general information.....	32
Machinery and equipment.....	43
Milk cows.....	33
Mink.....	35
Multiple cropping.....	22
Multiple farming operations.....	6
Multiple purpose land.....	27
Mushrooms.....	23
Nonfarm activity.....	6
Nonsample report form.....	1,4
Nursery products.....	23,27
Nut trees.....	21,27
Oats.....	18
Occupation of operator.....	40
Off farm work.....	41
Partnerships.....	6,7,25,38
Pastureland.....	10,28,30
Person completing report.....	48
Potatoes.....	19
Principal county.....	13
Production expenses.....	45
Rabbits.....	35
Rangeland.....	10,28,30
Sample report form.....	1,4
Sharecroppers.....	5
Shares.....	25
Sheep and lambs.....	35
Silage.....	17,19,20
Skip row planting.....	15,19,30
Sod.....	23
Sorghums.....	18
Soybeans.....	18
Steers and bulls.....	33
Sugar beets.....	25
Sugarcane.....	25
Summer fallow.....	29

Taylor grazing.....	9
Tenants.....	5
Tenure changes.....	14
"This place".....	2,7
Tobacco.....	19
Trust.....	39
Turkeys.....	37
Type of organization.....	38
Unit of measure.....	15
Value of crop sales.....	23,24,25
Value of land and buildings.....	48
Value of livestock.....	32-36
Value of poultry sales.....	37
Veal calves.....	34
Vegetables.....	22,26
Veterinary services.....	46
Wheat.....	18
Woodland.....	30
Wool.....	35

