APPENDIX A.
General Explanation

DATA COLLECTION ......................................................... A-1
DATA PROCESSING ....................................................... A-2
FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS ....................................................... A-2
DEFINITIONS AND EXPLANATIONS .................................. A-2
STATISTICAL METHODOLOGY .......................................... A-3

DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms.

The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix B contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.
Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results.

**DATA PROCESSING**

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on non-sample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

**FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS**

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling $2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and nonfarms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

**DEFINITIONS AND EXPLANATIONS**

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix B. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

**Farms**—The term "farms" in a column heading denotes the total number of farms in a particular State or ZIP Code. The farm counts in the rest of the table denote the number of farms reporting the indicated item at the indicated frequency.
Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acres of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

STATISTICAL METHODOLOGY

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items. Thus, the statistics are estimates derived from census data using the nonresponse estimation procedure.

There are two types of errors possible in these estimates—sampling and nonsampling. Sampling errors result from the nonresponse sample. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. Extensive efforts are made to minimize both types of errors through efficient sample designs, quality control, verification, and clerical review of specific operations.

For a complete and detailed explanation of the statistical methodology and the reliability of census estimates, see Volume 1, Geographic Area Series, appendix C.
### APPENDIX B

**Report Form and Information Sheet**

**Acreage in 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, range land, woodland, idle land, house lots, etc.

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

1. All land owned
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used for services, payment of taxes, etc. Include leased Federal, State, and railroad land. IDO NOT include land used on a per-head basis under a grazing permit. Also complete item 5 below.
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.
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.

For this census report these are the acres in "THIS PLACE." If the entry is zero please refer to the INFORMATION SHEET, section 1.

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

<table>
<thead>
<tr>
<th>Name of landlord</th>
<th>Mailing address (Include ZIP Code)</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List additional landlords on a separate sheet of paper.

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

<table>
<thead>
<tr>
<th>Name of renter</th>
<th>Mailing address (Include ZIP Code)</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

List additional tenants on a separate sheet of paper.

- Of the land you rented or leased to others, how many acres did you own?

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

- Yes — Mark (X) all boxes which apply.
- No — Go to item 8.

<table>
<thead>
<tr>
<th>Forest Service</th>
<th>Taylor Grazing Sec. 3 (BLM)</th>
<th>Indian Land</th>
<th>Other — Specify</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

- In what county was the largest value of your agricultural products raised or produced?
- If you also had agricultural operations in any other counties, enter the county name(s), etc.

<table>
<thead>
<tr>
<th>Principal county</th>
<th>County name</th>
<th>State</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other counties</th>
<th>County name</th>
<th>State</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### INSTRUCTIONS

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

### A. Acres harvested

<table>
<thead>
<tr>
<th>Crops harvested</th>
<th>Quantity harvested</th>
<th>Acres irrigated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B. Acres irrigated

<table>
<thead>
<tr>
<th>Acres irrigated</th>
<th>Quantity harvested</th>
<th>Acres irrigated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 3

- Were any DRY HAY, GRASS SILOAGE, HAYLAGE, OR GREEN CHOP cut or harvested from "THIS PLACE" in 1987?

- Complete section 3 if cuttings were made for both dry hay and grass silage, haylage, or green chop from the same field. Report the average in the appropriate item under DRY HAY and also under GRASS SILOAGE, HAYLAGE, and GREEN CHOP.

1. DRY HAY

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

2. GRASS SILOAGE, HAYLAGE, AND GREEN CHOP

   a. Alfalfa and alfalfa mixtures for silage or haylage
   b. Small grain hay — cats, wheat, barley, rye, etc.
   c. Other tame hay — clover, lespedeza, timothy, Bermuda grass, Sudangrass, etc.

3. HAY SOLD

   - Did you sell any hay or grass silage in 1987? (Report教你 of hay sold in section 8, item 4)

   - Complete section 3 if cuttings were made from the same acre(s), report only once, but report total tons from all cuttings.

   a. Alfalfa and alfalfa mixtures
   b. Small grain hay — cats, wheat, barley, rye, etc.
   c. Other tame hay — clover, lespedeza, timothy, Bermuda grass, Sudangrass, etc.
   d. Wild hay
2. From the list below, enter the crop name and code for each crop harvested in 1987.

<table>
<thead>
<tr>
<th>Crop name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans, snap (bush and pole)</td>
<td>381</td>
</tr>
<tr>
<td>Broccoli</td>
<td>385</td>
</tr>
<tr>
<td>Carrots</td>
<td>385</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>399</td>
</tr>
<tr>
<td>Celery</td>
<td>401</td>
</tr>
<tr>
<td>Cucumbers and pickles</td>
<td>411</td>
</tr>
<tr>
<td>Eggplant</td>
<td>415</td>
</tr>
<tr>
<td>Garlic</td>
<td>425</td>
</tr>
<tr>
<td>Asparagus</td>
<td>378</td>
</tr>
<tr>
<td>Beans, lima, green</td>
<td>428</td>
</tr>
<tr>
<td>Beets</td>
<td>437</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>440</td>
</tr>
<tr>
<td>Celery</td>
<td>441</td>
</tr>
<tr>
<td>Cucumbers and pickles</td>
<td>441</td>
</tr>
<tr>
<td>Eggplant</td>
<td>441</td>
</tr>
<tr>
<td>Garlic</td>
<td>441</td>
</tr>
</tbody>
</table>

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

 dipl of measure Mark one  

<table>
<thead>
<tr>
<th>Lbs.</th>
<th>Tons</th>
<th>Boxes</th>
<th>Lbs. per box</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>200</td>
<td>10</td>
<td>20</td>
</tr>
</tbody>
</table>

If more space is needed, use a separate sheet of paper.
Section 3.9: Gross Value of Crops Sold from "This Place" in 1987, Before Taxes and Expenses

1. Grasses, soybeans, and other beans sold in 1987
   a. Corn for grain
   b. Wheat
   c. Soybeans
   d. Sorghum for grain
   e. Barley
   f. Oats
   g. Other — rice, dry beans, dry peas, fynseed, popcorn, safflower, sunflowers, soy, etc.
   h. Cotton and cottnseed
   i. Tobacco
   j. Hay, silage, field seeds, and grass seed
   k. Vegetables, sweet corn, and melons — (Do not include Irish potatoes and sweetpotatoes, report them in item 7 below.)
   l. Fruits, nuts, and berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.
   m. Other crops — Irish potatoes, sweetpotatoes, peanuts, sugar beets, sugarcane, mint for oil, etc. (Do not include nursery and greenhouse crops.)

Section 3.10: How were the acres in this place used in 1987?

1. Copy acres in "This Place" from section 1, item 4, page 1
   a. Cropland harvested — include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.
   b. Cropland used only for pasture or grazing — include rotation pastures and grazing land that could have been used for crops without additional improvements.
   c. Crop land used for cover crops, legumes, and soil improvement grasses, but NOT harvested and NOT pastured.
   d. Cropland on which all crops failed — (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2A.)
   e. Cropland in cultivated summer fallow
   f. Cropland idle
   g. Woodland — include all woodlots and timber tracts and cutovers and deforested lands with young timber growth.
   h. Woodland not pastured

Section 3.11: Was any land in this place irrigated at any time in 1987?

1. How many acres of harvested land were irrigated?
   a. Land from which hay was cut and land in bearing and nonbearing fruit and nut trees.
   b. Land in which hay was cut and land in bearing and nonbearing fruit and nut trees.

Section 3.12: Were any acres in this place set aside, diverted, or idled under Federal acreage reduction programs in 1987?

1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?
2. How many acres were under the CONSERVATION RESERVE PROGRAM (CRP) at 10 years, CRP?

Section 3.13: Did you or anyone else have any CATTLE or CALVES on this place in 1987?

1. CATTLE AND CALVES of all ages
   a. BEEF COWS — Include beef heifers that had calved.
   b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved.
   c. HEIFERS AND HEIFER CALVES — (Do not include heifers that had calved.)
   d. STEERS, STEER CALVES, BULLS, And BULL CALVES

Section 3.14: Did you or anyone else have any HOGS or PIGS on this place in 1987?

1. HOGS AND PIGS of all ages (Total of a and b below)
   a. HOGS AND PIGS used or to be used for BREEDING
   b. OTHER HOGS and PIGS

Section 3.15: Did you or anyone else have any SHEEP or LAMBS on this place in 1987?

1. SHEEP and LAMBS of all ages
   a. EWES 1 year old or older
   b. EWES under 1 year old

Section 3.16: Did you or anyone else have any CATTLE and CALVES on this place in 1987?

1. CATTLE and CALVES of all ages
   a. BEEF COWS — Include beef heifers that had calved.
   b. MILK COWS kept for production of milk or cream for sale or home use — Include dry milk cows and milk heifers that had calved.
   c. HEIFERS AND HEIFER CALVES — (Do not include heifers that had calved.)
   d. STEERS, STEER CALVES, BULLS, And BULL CALVES

Section 3.17: Did you or anyone else have any HOGS or PIGS on this place in 1987?

1. HOGS and PIGS of all ages (Total of a and b below)
   a. HOGS and PIGS used or to be used for BREEDING
   b. OTHER HOGS and PIGS

Section 3.18: Did you or anyone else have any SHEEP or LAMBS on this place in 1987?

1. SHEEP and LAMBS of all ages
   a. EWES 1 year old or older
   b. EWES under 1 year old

1987 CENSUS OF AGRICULTURE
### SECTION 2A: PRODUCTION EXPENSES paid by you and others for this place in 1987

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE EXPENSES CONNECTED WITH PERFORMING CUSTOM WORK FOR OTHERS; OPERATION OF NON-AGRICULTURAL BUSINESS, SERVICES, OR GOODS; HOUSEHOLD EXPENSES NOT RELATED TO THE FARM BUSINESS.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Dollars</th>
<th>Cents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chickens, turkeys, started pullets, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Soybean meal, cottonseed meal, and ware</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Other feeds purchased separately, such as oat, corn, or other grains</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Agricultural chemicals purchased — Insecticides, herbicides, fungicides, other pesticides, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Gasoline and other petroleum fuel and oil purchased for the farm business</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Gasoline and gasohol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Diesel fuel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Natural gas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. LP gas, fuel oil, kerosene, motor oil, grease, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Electricity for the farm business — Do not include household expenses.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Hired farm and ranch labor — also includes employer’s cost for social security, worker’s compensation, insurance premiums, pension plans, etc. (See INFORMATION SHEET)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Contract labor — Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Customwork, machine hire and rental of machinery and equipment — Include expenditures for use of equipment and for customwork such as grading and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Interest paid on debts — (See INFORMATION SHEET)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Secured by real estate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Not secured by real estate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Cash rent paid for land and buildings in 1987 — (Do not include grazing fees.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Property taxes paid — Include farm real estate, machinery hire and rental, long-term leases, and long-term lower bounds. (Do not include taxes paid by landlords.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. All other production expenses — Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 2B: Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?

1. YES — Complete this section
2. NO — Go to section 26

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

1. Sprays, dusts, granules, fumigants, etc. (fungicide, herbicide, insecticide, nematocide) to control —
   a. Insects on crops, including hay |         |       |
   b. Nematodes in crops |         |       |
   c. Diseases in crops and orchards (blights, smuts, rusts, etc.) |         |       |
   d. Weeds, grass, or brush in crops and pasture — Include both pre-emergence and post-emergence |         |       |
2. Chemicals for defoliation or for growth control of crops or thinning of fruit |         |       |

### SECTION 2C: MACHINERY AND EQUIPMENT on this place on December 31, 1987

1. YES — Include only equipment used for agricultural operations in 1986 or 1987.
2. NO — Go to section 26

For EACH item, indicate whether it was purchased, hired, or rented.

- Value of ALL machinery and equipment on this place, December 31, 1987

### SECTION 2D: ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

1. All land owned |         |       |
2. All land rented or leased FROM OTHERS |         |       |
3. All land rented or leased TO OTHERS |         |       |

### SECTION 2E: INCOME FROM FARM-RELATED SOURCES IN 1987

1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, refer to INFORMATION SHEET, section 2B.) |         |       |
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc. |         |       |
3. Sales of forest products and Christmas trees — Include maple products, naval stores, firewood, etc. |         |       |
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place |         |       |

### SECTION 2F: PERSON COMPLETING THIS REPORT

Please print your name, telephone number, area code, and number.

<table>
<thead>
<tr>
<th>Name</th>
<th>Telephone number</th>
<th>Area Code</th>
<th>Number</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INFORMATION SHEET
1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report
We need a reply from everyone receiving a report form, including individuals, landlords, tenants, partnerships, corporations, institutions, and those not conducting agricultural operations. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If you received more than one report form for an operation
Complete only one report form for an operation. Write “Duplicate” near the address label of each extra report form. Also, write the 11-digit census file number(s) of the duplicate report(s) on the completed report form in the space provided to the left of the address label. Return the extra report(s) in the same envelope with the completed report form so that we can correct our records.

3. If you no longer farm
If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

4. If you never farmed or have no association with agriculture
Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained information from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If you have more than one agricultural operation
Complete a report form for each separate and distinct production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain separate records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If you have a partnership operation
Complete only one report for the entire partnership’s agricultural operation and include all partners’ shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a “Duplicate.” Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, “Name of partner has completed a report for the partnership (provide name and CFN of partnership).”

7. Landlord’s or Contractor’s Share
If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord’s or contractor’s share of the production, sales, and expenses and report your 1987 crop and livestock production.

If you do not know the landlord’s or contractor’s share, include your best estimate. If you do not have records available for all data items, use your best estimate.

How to Enter Your Responses
Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the “None” or “No” box and go on to the next item or section.

Instructions For Specified Sections

Section 1 — Acreage in 1987
Your answers to this section will determine the land (Acres in “THIS PLACE”) referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

If you quit farming during 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and indicate the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Include in item 2:

a. Land for agricultural use that you rented from others for cash
b. Land you worked on a share basis (crop or livestock)
c. Land owned by someone else that you used rent-free
d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

- Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark “Yes” to item 7.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

Include in item 2:

a. Owned land rented to others for cash or a share of crops or livestock
b. Land you rented from someone and then subleased to someone else
c. Land worked for you by someone for a share of crops or livestock
d. Land which you allowed others to use rent-free

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

Include in item 3:

a. Owned land rented to others for cash or a share of crops or livestock
b. Land you rented from someone and then subleased to someone else
c. Land worked for you by someone for a share of crops or livestock
d. Land which you allowed others to use rent-free

Item 4 — Acres in “THIS PLACE” — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in “THIS PLACE” “Is ‘0’” and:

a. You raised any crops or had any livestock or poultry on “THIS PLACE” in 1987, complete the report.
b. All your land was operated by a renter or sharecropper, complete item 2 and also complete section 29, and explain briefly, “all land rented out,” etc. Mail form in return envelope.
c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as “retired,” “sold farm,” and date. Give name and address of current operator if known and return form.

Sections 2 through 8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in “THIS PLACE”) of your report. Please report your crops in the appropriate sections. DO NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by “1/10” in the reporting box, such as for potatoes.
Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, percolation, flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave “Acres irrigated” blank for crops that are not irrigated.

**How to Report Crops Harvested**

1. **Sections 2 and 3** — Report only for the listed crops.
2. **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the “Other” code in the appropriate section and specify the crop name.

**Double Cropping** — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,200 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

**Interplanted Crops** — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop. Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton were irrigated, 20 acres of cotton were not irrigated. Thirty acres of soybeans should be reported as irrigated, 30 acres irrigated as “Cropland harvested,” in item 2c, and 20 acres irrigated as “Cropland harvested,” in item 2a.

**Section 9** — **GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from “THIS PLACE” in 1987, regardless of the year they were harvested. Do not report gross values before deducting expenses and taxes. Include Government CCC loans received for “THIS PLACE” in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on “THIS PLACE” regardless of the year in which those crops were harvested. Also include as sales, your estimate of the value of any crop removed from “THIS PLACE” in trade for services, such as hay cut in exchange for fence repair, cleaning, or other services. If the sale price or market value is not known, give your best estimate of the crop’s market value when removed from “THIS PLACE.”

DO NOT INCLUDE crops or crop products purchased from others and later sold.

**Section 10** — **USE OF ACRES IN “THIS PLACE”**

This section is used to classify the acres in “THIS PLACE” reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in “THIS PLACE.”

**Land Used for More Than One Purpose** — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, “Cropland harvested,” but do NOT report in item 2c, “Cropland used for cover crops, legumes, etc.”

**Double Cropping** — When more than one crop was harvested from the same land in 1987, report that land only ONCE as “Cropland harvested,” in item 2a.

**Interplanted Crops** — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as “Cropland harvested,” in item 2a.

**Skip Row Planted Crops** — Report the acres that represent the planted rows on a per-head or per-acre basis. The acres that represent the planted rows should be reported as “Cropland harvested,” in item 2a.

**Section 12** — **ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in “THIS PLACE” retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

**Sections 13 through 17** — **LIVESTOCK, POULTRY, OTHER LIVE STOCK, OR ANIMAL SPECIALTIES**

**Animals and Poultry to Include in the Report** — Report all animals, poultry, and animal specialties on “this place” (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, should be reported by the person who had control of the animals.

**Animals and Poultry to Exclude from the Report** — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of “this place.” Animals kept on a place not operated by you are to be included on the report for that place.

**Animals Bought and Sold** — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN REFUNDED IN 30 DAYS. Such purchases and sales are considered “dealer” transactions, and are not included in this census.

**Number Sold** — Report all animals and poultry sold or removed from “this place” in 1987, without regard to ownership or who shared in the proceeds. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

**Daily Termination Program or “Whole-Hard Dairy Buy-Out Program”** — The amount received in 1977 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

**Animals Moved to Another Place** — For animals moved from “this place” to another place, such as for further feeding, report animals as “sold” and give your best estimate of their market value when they left “this place.”

**Fat Cattle Sold** — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD: a. Cattle and calves sold for further feeding
b. Veal calves, or any calves weighing less than 500 pounds
c. Dairy cows fed only the usual dairy ration before being sold

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1987 CENSUS OF AGRICULTURE

APPENDIX B - B-7
Value of Sales — Report the total gross value of animals and poultry sold or removed from “this place” in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value as they left “this place.” Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on “this place” on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as “INVENTORY” numbers of animals or poultry on the place on December 31, 1987. Report as “SOLD” animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 — If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beewax, and any other animal products sold from “this place” in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aquaculture Products — Report number of pounds sold and gross value of each. Enter name and code from list.

Section 17 — POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987. Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

Section 19 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1, in item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, “Whole-herd dairy buy-out,” support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

Section 20 — TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

Other — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.
Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

Cash Rent Paid for Land and Buildings in 1987 — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:
- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

Section 24 — COMMERCIAL FERTILIZER AND LIME
Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

Section 26 — MACHINERY AND EQUIPMENT
The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as part of the value of land and buildings.

Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS
The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

Section 28 — INCOME FROM FARM–RELATED SOURCES IN 1987
Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 — Custom Work — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

Item 2 — Rental Income — Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.
### SECTION I

#### 1. At any time during 1987, did you plant, grow, or have any:

- Hay or tobacco?
- Fruit, nut, or citrus trees; grapesvines?
- Corn, wheat, or other grains?
- Other crops?  
  - Yes  
  - No
- Other animals?
  - Yes  
  - No

#### 2. At any time during 1987, did you raise, sell, or keep any:

- Cattle, hogs, sheep, or goats?
- Horses or ponies?
- Chickens or other poultry?
- Fish in any body?
- Other animal specialties?
  - Yes  
  - No

#### 3. All land rented or leased TO OTHERS, including land worked on shares, used by your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF OWNERSHIP OR USE - cropland, woodland, woodland, idle land, house lots, etc.

<table>
<thead>
<tr>
<th>None</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>004</td>
</tr>
</tbody>
</table>

#### 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.

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

<table>
<thead>
<tr>
<th>None</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>003</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>County name</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION II

#### LAND USE AND IRRIGATION

#### PART A - How were the acres in this place used in 1987?

<table>
<thead>
<tr>
<th>None</th>
<th>Number of acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>787</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1. Cropland harvested</th>
<th>Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>No</td>
</tr>
</tbody>
</table>

| 2. Cropland on which all crops failed - Do not report here land in orchards and vineyards on which the crop failed. |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 798                                              | No                                                                                              |

<table>
<thead>
<tr>
<th>3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow</th>
</tr>
</thead>
<tbody>
<tr>
<td>792</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland</th>
</tr>
</thead>
<tbody>
<tr>
<td>796</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. All other woodland, wasteland, house lots, etc. not reported in items 1 through 4 above</th>
</tr>
</thead>
<tbody>
<tr>
<td>792</td>
</tr>
</tbody>
</table>

#### PART B - IRRIGATION

<table>
<thead>
<tr>
<th>None</th>
<th>Number of acres irrigated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>800</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1. How many acres of harvested land were irrigated? Include land from which hay was cut and land in bearing land not bearing fruit and nut crops.</th>
</tr>
</thead>
<tbody>
<tr>
<td>801</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. How many acres of pasturaland, rangeland, and any other land not included in item 1 above were irrigated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>801</td>
</tr>
</tbody>
</table>

### SECTION III

#### PART A - CROPS HARVESTED FROM "THIS PLACE" IN 1987.

<table>
<thead>
<tr>
<th>None</th>
<th>Acres harvested</th>
<th>Quantity harvested</th>
<th>Gross value of crops sold</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hay crops</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Alfalfa and alfalfa mixtures</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>None</td>
<td>104</td>
<td>0</td>
</tr>
<tr>
<td>2.</td>
<td>Small grain hay</td>
<td>107</td>
<td>767</td>
</tr>
<tr>
<td>3.</td>
<td>Wild hay</td>
<td>112</td>
<td>767</td>
</tr>
<tr>
<td>4.</td>
<td>Other hay</td>
<td>110</td>
<td>767</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Corn for grain or seed</th>
<th>104</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>7. All vegetables for sale</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>8. All fruit and nut orchards, vineyards, and berries</th>
<th>None</th>
</tr>
</thead>
</table>

| 9. Other crops - For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name. |
|-------------------------------------------------------------------------------------------------|-------|

<table>
<thead>
<tr>
<th>Crop name</th>
<th>Code</th>
<th>Acres harvested</th>
<th>Quantity harvested</th>
<th>Gross value of crops sold</th>
</tr>
</thead>
</table>

#### PART B - NURSERY AND GREENHOUSE CROPS GROWN FOR SALE

| None | None |

<table>
<thead>
<tr>
<th>1. Crop name</th>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
</table>

### PENALTY FOR FAILURE TO REPORT

CONTINUE ON REVERSE SIDE
### LIVESTOCK and POULTRY

#### PART A – CATTLE and CALVES

1. **CATTLE and CALVES** of all ages
   - **BEEF COWS** — include beef heifers that had calved.
   - **MILK COWS** kept for production of milk or cream for sale or home use — include dry milk cows and milk heifers that had calved.

2. Value of **DAIRY PRODUCTS** sold in 1987 – Include milk, cream, butter, etc.

3. **CATTLE and CALVES SOLD FROM THIS PLACE IN 1987**
   - Include all cattle moved from this place to a feedlot for further feeding.

#### PART B – HOGS and PIGS

1. **HOGS and PIGS** of all ages
   - HOGS and PIGS used or to be used for breeding

2. **HOGS and PIGS SOLD FROM THIS PLACE IN 1987**
   - Oft the hogs and pigs sold, how many were sold as **FEEDER PIGS** for further feeding?

#### PART C – SHEEP and LAMBS

1. **SHEEP and LAMBS** of all ages
   - EWES 1 year old or older.

2. **SHEEP and LAMBS HORNED** in 1987.

3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?

#### PART D – POULTRY

1. **HENs and PULETTS** of laying age.
   - PULETTS 3 months old or older not yet of laying age for layer replacement.
   - PULETTS under 3 months old for layer replacement.

2. **BROILERS,** fryers, other meat-type chickens.

3. **TURKEYS for slaughter** (Do not include breeders.)

4. **OTHER POULTRY** (Enter name/code from below.)

5. Value of **POULTRY and POULTRY PRODUCTS** eggs, etc. sold from this place.

### GOVERNMENT CCC LOANS

- Amount received in 1987 from Government CCC loans, include regular and reserve loans, even if redeemed or forfeited.

### GOVERNMENT FARM PROGRAMS

- Payments received for participation in Federal Farm Programs in 1987 (Do not include CCC loans)

### RESIDENCE

- Does the operator live on this place?

### PRINCIPAL OCCUPATION

- At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? For partnerships consider all members of the partnership together.

### OFF-FARM WORK

- How many days did the operator work at least 4 hours per day off this place in 1987? — Include work at a nonfarm job, business, or on someone else’s farm for pay.

### AGE of operator

- How old is the operator?

### RACE of operator

- Racial origin or descent.

### SEX of operator

- Male or Female.

### SPANISH ORIGIN

- Is the operator of Spanish origin or descent?
Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, and THER SALE OF UNDIVIDED AGRICULTURAL OPERATIONS. Each case included in the census has been reported in a separate report form. The results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write “Duplicate” near the address label of each extra report form. Also, write the 11-digit census file number(s) of the report forms in the space provided. Return the completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales. Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. We are not possible to obtain lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership’s agricultural operation and include all partners’ shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

7. Landlord’s or Contractor’s Share

If you rented or leased land from others or had a contract for the production of agricultural products, please include your share, and the landlord’s or contractor’s share of the production, sales, and expenses so your census report form will be complete for “THIS PLACE.”

If you do not know the landlord’s or contractor’s share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer space. Your report should be written on one side of the paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT RECORDED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the “None” or “No” box and go on to the next item or section.

Instructions For Specified Sections

Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land (Acres in “THIS PLACE”) referred to in the rest of the report form. When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned, leased during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in “THIS PLACE” reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in “THIS PLACE.”

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, “Cropland harvested.”

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as “Cropland harvested.” (in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, the total report land used for both crops only ONCE, as “Cropland harvested.” (in part A, item 1)

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as “Cropland idle,” part A, item 3, the acres that represent the planted rows should be reported as “Cropland harvested,” part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, burrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or prevalent irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in “THIS PLACE”) of your report. A few crops are already listed on the form. For those crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

Item 1 — All Land Owned — Report all land owned in 1987 whether you used title, purchased, contracted for, mortgaged, leased, or mortgaged as heir or trustee of an undivided estate. Include all land owned by you for your spouse, or your partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented or leased by you or your operation even though the landlord may have supplied materials or supervision.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in section 2, item 4.

Item 4 — Acres In “THIS PLACE” — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in “THIS PLACE” is “0” and:

a. You raised any crops or had any livestock or poultry on “THIS PLACE” in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, “All land rented out,” etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as “retired,” “sold farm,” and date. Give name and address of current operator if known and return form.
DO NOT INCLUDE:

- a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.
- b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where units are requested by "10" in the reporting box, such as potatoes.

Quantity Harvested — If your unit of measure is different than the unit on the reporting form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Gross Revenue if CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from commercial sales or marketing organizations for crops produced on "THIS PLACE."

Item 7 — Vegetables — Report acres of vegetables harvested FOR SALE on a commercial basis. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report acres of fruit, nuts, and vegetables that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Crops an acre.

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard concern in item B and the total acres of the interplanted crop in the appropriate item.

Item 9 — Other Crops — To report: (1) find the crop name and the code number from the list under item B; (2) enter crop number and code in the first two columns of the first available answer line under item B; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. In the appropriate item, use a separate sheet of paper to write the crop name(s), acres, and quantity and gross value of crop(s) sold.

Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIES

Parts A, B, C, and D — LIVESTOCK AND POULTRY

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 2, item 2, and 4) December 31, 1987, included or kept by you and any person in charge other than you. Include animals on unfenced land, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement to others. Do not include animals that were sold or kept in feedlots which are not a part of "this place". Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the proceeds. Include animals sold and purchased from others or others or in trade or in payment for goods or services. DO NOT REPORT number sold for any animal on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more sold for slaughter are reported in section 5, part A, item 4a.

- DO NOT INCLUDE WITH FATTENED CATTLE SOLD:
  - a. Cattle and calves sold for further feeding
  - b. Dairy cows fed only the usual dairy ration before being sold
  - c. Veal calves, or any calves weighing less than 600 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left "this place. Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" all animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry or operation on his/her own report regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory included.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. Include the value of any certificates received in cash during the year that you received for sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out, support price payments, indemnity programs, disaster payments, payments received for approved soil and water conservation projects, etc.

Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed on long-term contract into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 are included.

Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the operation of "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management (occasionally also as the "Senior Partner") for item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 8 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year you began to operate or senior partner began to operate as part of "this place", on a continuous basis, if the operator returned to a place previously operated, report the year operations were resumed.