

APPENDIX A. General Explanation

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DATA COLLECTION

Method of Enumeration

The census of agriculture was conducted by direct enumeration beginning in April 1990, in conjunction with the population and housing censuses. On the last page of the population and housing questionnaire was an agriculture screening section. The enumerator was required to complete an agriculture questionnaire when a "yes" answer was received to any one of the five screening questions.

Questionnaire

The questionnaire for the 1990 Census of Agriculture in American Samoa was prepared by the Agriculture Division, Bureau of the Census, in cooperation with the Government of American Samoa.

The content of the 1990 census questionnaire is similar to the 1980 questionnaire. Quantity sold and value of sales were added to the crops and livestock sections. Other additions and deletions were made based on discussions with the Government of American Samoa and with respect to published tables in the 1980 census.

Followup Procedures

An enumerator was instructed to visit a farm up to three times. If no one was available to complete the questionnaire, the case would then be given to the supervisor. If all attempts to obtain the information from the farm operator failed, the information might then be obtained from a neighbor or by observation of the place.

DATA PROCESSING

The processing was done in the Agriculture Division at the Bureau of the Census. Each questionnaire was edited and coded prior to being keyed and tabulated. The questionnaires were examined for accuracy, consistency, and

completeness. Errors in computations and in units of measure, inconsistencies, and misplaced entries were corrected. Incomplete reports were adjusted on the basis of related information on the same form or on questionnaires for nearby farms of similar type and size.

After all questionnaires had been reviewed, the data were keyed and subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for completeness and consistency. Inconsistencies identified by the edit were corrected by subject matter specialists, and reedited. The data were then tabulated by the computer for analysis. Following necessary corrections, the data were retabulated for final publication.

MAJOR DATA CHANGES

Prior to each agriculture census, the Bureau of the Census reviews the content of the census forms to eliminate questions no longer needed, identify new items necessary to meet user needs, and to better describe the agriculture situation in American Samoa. Data requests are solicited from government agencies in American Samoa. The following changes were made to the 1990 questionnaire:

- Additions:
 - Information on landlords
 - Green beans
 - Melons
 - Ornamental plants or nursery crops
 - Chicken eggs value
 - Quarts of milk
 - Quantity sold and value of sales in the crops and livestock sections
- Deletions:
 - Green peas
 - Green peppers
 - Fishery section

The word "matai" was changed to "communal" to reflect the cultural change in land holdings.

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1990 Census of Agriculture for American Samoa and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1987 Census of Agriculture for the 50 States, Puerto

Rico, Guam, the U.S. Virgin Islands, the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

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

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of terms used in this publication than are available in the tables or on the questionnaire. For an exact wording of the questions on the 1990 questionnaire, see appendix B.

In the tables, data for land in farms, land use, fruit and nut trees, and livestock and poultry on hand represent the situation existing at the time of enumeration of each farm. The enumeration for the 1990 Census of Agriculture began in April 1990 and the 1980 census in April 1980. All other data, such as that relating to acres and production, are for the calendar years 1989 and 1979. Sales are for 1989 only.

Farm operator—The term “operator” designates a person who operates a farm, either by doing the work himself/herself or directly supervising the work. The operator may be the owner, a member of the owner’s household, a tenant or renter, the manager, or the person in charge of an institutional farm. For communal lands, the person in charge is considered as the operator of land used for the benefit of the extended family group. An individual member of the family group who raised crops or kept livestock or poultry for his/her own account on communal land was considered to be the operator of the land so assigned. By definition, the number of farm operators is the same as the number of farms.

Farms or farms reporting—The term “farms” or “farms reporting” in the presentation of data denotes the number of farms reporting the item.

Land in farms—The land in farms was determined from the answers to questions 1 through 4 in section 1 of the questionnaire (see app. B). The amounts of land reported as owned and rented from others were added together, and the amount of land reported as rented to others was subtracted from that sum. The result represents “land in farms.” Although the area designated land in farms consists primarily of agricultural land, i.e.—land used for crops, pasture, or grazing—it also included areas of land not actually under cultivation nor used for pasture or grazing. For example, woodland and wasteland owned or rented from others were included as land in farms unless the report indicated it was being held for nonagricultural purposes, such as recreational or for timber.

Land owned—This includes all land held by the operator or his/her spouse under title, purchase contract, or as heir or trustee of an undivided estate at the time of enumeration. Land managed by a hired manager also was considered owned. Communal land is the land which is owned by the extended family.

Land rented from others—This includes not only land that the operator rented or leased from others, but also land worked on shares for others and land used rent free.

Land rented to others—This includes all land the operator rented or leased to others and all land assigned to others on shares or rent free during the past year. For the most part, the land rented to others represents agricultural land, but it also may include land rented for residential or other purposes. The tenant is considered to be the operator of land leased, rented, or worked on shares, even though the landlord may supervise the operations. The landlord is considered to be the operator of only that portion of the land not assigned to tenants.

Land use—Land in farms is categorized according to the way it was being used on enumeration day. The land uses described in the following paragraphs are mutually exclusive in that each acre of land is counted only once, even though it may have had more than one use during the year.

- **Cropland used for crops**—This includes all land planted in crops at the time of enumeration. Land was to be reported only once, even if two or more crops were planted on the same land. It includes field crops that were grazed when mature or almost mature; land in bearing and nonbearing fruit and nut trees or plants, or any other tree crops; land that had partial but not total crop failure; and land in home gardens.
- **Cropland not used for crops**—This includes all land that the operator considered as cropland but on which no crops were planted. It includes land used for pasture and grazing that the operator feels could have been used for crops; land with total crop failure as a result of drought, flood, insect, fire, or other causes; idle and fallow cropland; and cropland with soil improvement grass, cover crops, etc., for the purpose of improvement.
- **Pasture or grazing land**—This includes all land suitable for pasture or grazing, except land used for crops and cropland pasture whether or not used for grazing livestock. It also includes woodland being used for pasture.
- **Other land**—This includes all land that did not qualify either as cropland or pastureland. It includes land in house and building lots, lanes, roads, ditches, ponds, swamps, steep slopes, wasteland, brushland, and nonpastured woodland.

Type of holding—Agricultural operations were classified according to the response the enumerator obtained from the farm operator as to whether the farm was producing mainly for home consumption or mainly for sale.

- **Holdings producing mainly for home consumption**—This applies to holdings from which more than 50 percent of the agricultural output was consumed by the holder's household.
- **Holdings producing mainly for sale**—This applies to holdings from which 50 percent or more of the agricultural output was for sale. These holdings were further classified by the farm operator according to their most important activity. If 50 percent or more of the value was from one of the following, the holding was named accordingly.
 - Crop holding is one which the value of sales from crops was more than 50 percent.
 - Livestock and/or poultry holding is one which the value of sales from livestock and livestock products and/or poultry and poultry products was more than 50 percent.
 - Mixed holding is one which the value of sales was mainly a combination of sales of crops, livestock and livestock products, and/or poultry and poultry products.
 - Other holding is one which the value of sales was mainly from the sale of agricultural products not listed in the previous groups.

Crops harvested—The questionnaire contained individual inquiries for crops commonly grown and space to write in crops less frequently produced for the year 1990.

- **Field crops, melons, and vegetables**—The number of acres harvested, the total quantity of each crop harvested, the quantity sold, and value of sales during 1989 were to have been reported.

When two or more crops or two or more plantings of the same crop were harvested from the same land during the year, the acres were to be reported separately for each crop or planting.

- **Fruits and nuts**—For fruits grown on farms, information was obtained on the total trees both bearing and nonbearing, that were on the place on enumeration day. The total quantity harvested, the quantity sold, and value of sales were for 1989.
- **Nursery and ornamental plants**—Data reflect the number of square feet, acres, and value of sales for 1989.

Livestock and poultry—Data show the number on hand at the time of enumeration. All livestock and poultry on the place were counted at the time of the enumeration regardless of ownership.

Sales data were collected for all livestock and poultry sold from the place during 1989, as well as the dozens of eggs sold.

“Milk cows” were defined as cows that had been on the place on the day of enumeration and were milked at any time during 1989. All other cows were to be included in the data for “Other cattle and calves.”

Equipment—The following types of equipment on the place at the time of enumeration, regardless of ownership, were reported as long as they were in operating condition and used in the farm business.

- **Tractors**—This includes all wheel and tracklaying (crawler) tractors, garden tractors, and homemade tractors, other than motor tillers.
- **Motortrucks**—This includes pickup trucks, truck-trailer combinations, jeeps, and station wagons, if used primarily as trucks.
- **Automobiles**—This includes jeeps and station wagons used primarily as passenger cars.

Facilities—The presence or absence of electricity and/or piped running water on the place was reported.

- **Electricity**—This includes electrical power anywhere on the place including the dwelling of the operator.
- **Piped running water**—This includes water in pipelines by a pressure system or by gravity flow from natural or artificial sources. Water from a hand pump was not considered to be piped running water.

Operator characteristics—Data were obtained to classify the operators according to five characteristics.

1. **Residence of operator**—Farm operators were classified by residence according to whether or not they lived on the farms they were operating. Some of those who did not live on the farms they operated lived on farms operated by others. If all the land was rented from others or worked on shares for others, the operator was considered to live on the farm operated if the dwelling was included in the rental agreement. In such cases, the dwelling was not necessarily on the farm operated. Similarly, an operator who did not live on the land being cultivated, but who had some agricultural operations (other than a home garden) at his/her dwelling, was considered to be living on the farm operated.
2. **Year began operating present farm**—Enumerators were instructed to obtain the year an operator began to operate the farm, i.e., the first year the operator took continuous charge of the present farm or any part of it.
3. **Age of operator**—Operators were classified by age into six groups. The average age was obtained by dividing the sum of the ages of all operators reported by the number reported.

4. **Main occupation**—If the operator devoted 50 percent or more of his/her work time to agricultural activities, his/her main occupation was considered to be agriculture, otherwise his/her occupation was considered nonagricultural.
5. **Work off farm**—Only work by the operator for pay was to be reported. Days worked off the place were to include work at another farm or a nonfarm business, such as a store or repair shop; or at a profession such as doctor, lawyer, or teacher. Exchange work or work done by the operator in exchange for comparable work done by someone else was not to be reported.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

Tables 22 through 25 present detailed data for farms classified by specified characteristics—tenure of operator, size of farm, age of operator, and value of agricultural products sold.

Farms by tenure of operator—Farms were classified by tenure of operator on the basis of information reported for land owned, rented from others, or worked on shares for others. During the processing operations, each questionnaire was coded to indicate whether the farm operator was a full owner, a part owner, or a tenant. The various classifications of tenure are:

- Full owners operate only land they own.
- Part owners operate land they own plus land they rent from others.
- Tenants only operate the land they rent from others or work on shares for others.

Farms by size—Farms were classified by size on the basis of the total land area determined for each farm. According to the census definition, a farm is essentially an operating unit, not an ownership tract. All land operated or managed by one person or partnership represents one farm. In the case of tenants, the land assigned to each

tenant is considered a separate farm even though the landlord may consider his/her entire land holding to be one unit rather than several separate units.

Farms by age of operator—Farms were classified by age of operator on the basis of information reported to the enumerator that was entered on the report form. The operator's age was classified into one of the age groups found in table 24.

Farms by value of agricultural products sold—Farms were classified on the basis of the total value of agricultural products sold. The total was obtained by adding the reported values of all products sold from the farm. The value of vegetables, field crops, fruits and nuts, nursery and ornamental plants, livestock, poultry, and eggs was obtained from the operator at the time of enumeration. These values were classified into one of the groups found in table 25.

CENSUS NONSAMPLING ERROR

All data originated from a complete enumeration and, therefore, are not subject to sampling variability. However, the data are subject to nonsampling errors. Nonsampling errors can be attributed to many sources:

- Inability to identify all cases in the actual universe.
- Inability or unwillingness on the part of respondents to provide correct information.
- Definition and classification difficulties.
- Differences in the interpretation of questions.
- Errors in recording or coding the data obtained.
- Other errors of collection, response, coverage, and estimation for missing or misreported data.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors. No direct measures of these effects have been obtained; however, precautionary steps were taken in all phases of data collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

APPENDIX B. Report Form

OMB No. 0607-0667: Approval Expires 09/30/90

<p>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 persons who have sworn to uphold the confidentiality of the census and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.</p> <p>FORM 90-A1(AS) (10-4-89) U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS</p> <h2 style="text-align: center;">1990 CENSUS OF AGRICULTURE</h2> <h3 style="text-align: center;">AMERICAN SAMOA</h3>	<p>Part A — QUESTIONNAIRE IDENTIFICATION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2" style="width: 10%;">County number</th> <th colspan="3" style="text-align: center;">FARM SERIAL NUMBER</th> <th rowspan="2" style="width: 15%;">CENSUS USE ONLY</th> </tr> <tr> <th style="width: 10%;">ARA</th> <th style="width: 10%;">Block</th> <th style="width: 10%;">Map Spot</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> <p>Island/District</p> <p>County</p> <p>Part B — OPERATOR'S NAME AND PHYSICAL LOCATION</p> <p>Full name (<i>First name, middle initial, last name</i>)</p> <p>Physical location (<i>Describe</i>)</p>	County number	FARM SERIAL NUMBER			CENSUS USE ONLY	ARA	Block	Map Spot												
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READ TO RESPONDENT — We estimate that it will take from 10 to 20 minutes to complete this report, with 15 minutes being the average time. If you have any comments regarding these estimates or any other aspect of the census, refer to the information on Form D-31.

INSTRUCTIONS

1. Communal lands

- a. Any land used in owner-like possession for the benefit of the extended family should be reported as land owned under section 1, question 1. If the land is used for the sole benefit of the operator rather than the extended family, report the land under section 1, question 2 on a separate questionnaire.
- b. Any land used to which title or right of ownership is not held, should be reported as land rented FROM OTHERS under section 1, question 2. Do this even though no rent is paid to the owner of this land.
- c. Any land to which the title is held or ownership claimed, which is used by a nonmember of the extended family, should be reported as land rented TO OTHERS under section 1, question 3. Do this even though no rent is paid by the nonmember. In such cases, a separate agriculture questionnaire should be completed for the lands reported under section 1, question 3 in the name of the person in charge.

2. Private land

Privately owned lands, not held or operated under the communal system — If crops were raised or livestock or poultry are kept, complete this agriculture questionnaire in the name of the person in charge. The person in charge is the one responsible for making the decisions. The person in charge will usually be the head of the family which plants or gathers the crops.

3. All other land

Experimental farms, schools, churches, and other institutions — If crops were raised or livestock or poultry are kept, complete this agriculture questionnaire in the name of the institution. Also, give the name of the manager or superintendent in part B, above.

SECTION 1 LAND IN AGRICULTURE

<p>001</p> <p>1. How many acres do you own or use in owner-like possession?</p> <p>Are these communal lands? ⁰⁴¹ 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>2. How many acres do you rent FROM OTHERS? (Include land used rent-free)</p> <p>Are these communal lands? ⁰⁴³ 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p> <p>3. How many acres do you rent TO OTHERS? (Include land for which no rent is received)</p> <p>4. TOTAL ACRES IN THIS PLACE — ADD acres owned (question 1) and acres rented (question 2), then SUBTRACT acres rented TO OTHERS (question 3), and enter the result in this space. →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">None</th> <th style="width: 10%;">Acres</th> <th style="width: 10%;">Tenths</th> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">040</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">042</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">044</td> <td style="text-align: center;">/10</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">045</td> <td style="text-align: center;">/10</td> </tr> </table>	None	Acres	Tenths	<input type="checkbox"/>	040	/10	<input type="checkbox"/>	042	/10	<input type="checkbox"/>	044	/10	<input type="checkbox"/>	045	/10	
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<input type="checkbox"/>	044	/10															
<input type="checkbox"/>	045	/10															
<p>5. If you rented land FROM OTHERS, (question 2) enter the following information for each landlord.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Name of landlord</th> <th style="width: 20%;">Island/District</th> <th style="width: 10%;">Acres</th> <th style="width: 10%;">Tenths</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td style="text-align: center;">/10</td> </tr> </tbody> </table>	Name of landlord	Island/District	Acres	Tenths				/10				/10				/10	<p>6. How many separate TRACTS or PIECES of land or plantations are represented in the "Total acres in this place?"</p> <p style="text-align: right;">⁰⁴⁸ _____ Number of pieces</p> <p>7. Is this holding producing mainly for home consumption or sale? (Mark (X) one)</p> <p style="text-align: right;">⁰⁴⁷ { 1 <input type="checkbox"/> Home consumption — GO to question 9 2 <input type="checkbox"/> Sale — ASK question 8</p> <p>8. If producing mainly for sale, which of the following is it? (Mark (X) one)</p> <p style="text-align: right;">⁰⁴⁸ { 1 <input type="checkbox"/> Crop holding 2 <input type="checkbox"/> Livestock and/or poultry holding 3 <input type="checkbox"/> Mixed holding 4 <input type="checkbox"/> Other</p>
Name of landlord	Island/District	Acres	Tenths														
			/10														
			/10														
			/10														
<p>9. What percent of the farm operation is financed by each of the following sources?</p> <p>a. Operator</p> <p>b. Private</p> <p>c. Commercial</p> <p>d. Government</p> <p>e. Other — Specify _____</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">None</th> <th style="width: 10%;">Percent</th> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">049</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">050</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">051</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">052</td> </tr> <tr> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">053</td> </tr> </table>	None	Percent	<input type="checkbox"/>	049	<input type="checkbox"/>	050	<input type="checkbox"/>	051	<input type="checkbox"/>	052	<input type="checkbox"/>	053				
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SECTION 2 FIELD CROPS, MELONS, AND VEGETABLES

Did you harvest any **FIELD CROPS, MELONS, or VEGETABLES** in 1989 — such as cabbage, cassava, taro, yams, etc.?

- 002 1 Yes — Complete this section
 2 No — GO to section 3

None

- 1. Cabbage
- 2. Cassava
- 3. Corn
- 4. Cucumbers
- 5. Giant taro
- 6. Green beans
- 7. Melons (watermelons, honeydews, muskmelons, etc.)
- 8. Sugarcane
- 9. Taro
- 10. Yams
- 11. Other field crops and vegetables (kava, sweetpotatoes, tobacco, etc.) — Specify ∇

How many acres were harvested in 1989?		What quantity was harvested in 1989?	What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
Acres	Tenths			
(a)		(b)	(c)	(d)
080	/10	081 Pounds	082 Pounds	083 \$
084	/10	085 Roots	086 Roots	087 \$
088	/10	089 Pounds	070 Pounds	071 \$
072	/10	073 Pounds	074 Pounds	075 \$
076	/10	077 Roots	078 Roots	079 \$
080	/10	081 Pounds	082 Pounds	083 \$
084	/10	085 Pounds	086 Pounds	087 \$
088	/10	089 Pounds	090 Pounds	091 \$
092	/10	093 Roots	094 Roots	095 \$
096	/10	097 Roots	098 Roots	099 \$
100	/10	101 Pounds	102 Pounds	103 \$

SECTION 3 FRUITS AND NUTS

Do you have any **FRUIT and NUT** trees or plants on this place — such as bananas, coconuts, mangoes, pineapples, etc.? (Quantity harvested in 1989 and number of trees and plants on enumeration day.)

- 003 1 Yes — Complete this section
 2 No — GO to question 14

None

- 1. Avocados
- 2. Bananas
- 3. Breadfruits
- 4. Cacao
- 5. Coconuts
- 6. Grapefruits
- 7. Lemons
- 8. Limes
- 9. Mangoes
- 10. Oranges
- 11. Papayas
- 12. Pineapples
- 13. Other fruits, nuts, and tree crops (pandanus, kopak, citrons, coffee, etc.) — Specify ∇

How many trees or plants are on this place?	What quantity was harvested in 1989?	What quantity was sold in 1989?	What was the value of sales in 1989? (Dollars)
(a)	(b)	(c)	(d)
120	121 Pounds	122 Pounds	123 \$
124 Clusters	125 Pounds	126 Pounds	127 \$
128	129 Pounds	130 Pounds	131 \$
132	133 Pounds	134 Pounds	135 \$
136	137 Pounds	138 Pounds	139 \$
140	141 Pounds	142 Pounds	143 \$
144	145 Pounds	146 Pounds	147 \$
148	149 Pounds	150 Pounds	151 \$
152	153 Pounds	154 Pounds	155 \$
156	157 Pounds	158 Pounds	159 \$
160	161 Pounds	162 Pounds	163 \$
164	165 Fruits	166 Fruits	167 \$
168	169 Pounds	170 Pounds	171 \$
	Pounds	Pounds	\$

14. How many square feet under cover and/or acres did you have planted in **ORNAMENTAL PLANTS** or in any other **NURSERY CROPS**?

Square feet under cover	Acres	Tenths	What was the value of sales in 1989? (Dollars)
176	177	/10	178 \$

SECTION 4 LAND USE

004

Of the total acres in this place (section 1, question 4) —

- 1. How many acres are in crops?
- 2. How many acres are in other cropland (cropland pasture, crop failure, idle cropland, and cropland used for soil improvement)?
- 3. How many acres are in other pasture or grazing land? (Include woodland pasture. Do not include cropland pasture.)
- 4. How many acres are in other land? (Include houselots, roads, woodland not pastured, wasteland, etc.)
- 5. **TOTAL LAND** (Add entries in questions 1 through 4. Total should be equal to entry in section 1, question 4.)

None	Acres	Tenths
	201	/10
	202	/10
	203	/10
	204	/10
	205	/10

SECTION 5 LIVESTOCK AND POULTRY

005

How many of the following livestock and/or poultry are on this place today or were sold from this place in 1989?

- 1. Total cattle and calves of all ages (Total of "a" and "b" below)
- Of this total, how many are —
 - a. Milk cows
 - b. All other cattle and calves
- 2. Hogs and pigs of all ages
- 3. Horses, mules, and colts of all ages
- 4. Other livestock — Specify
- 5. Chickens
- 6. Other poultry (ducks, pigeons, guineas, geese, etc.) — Specify

None	How many are on this place today? (a)	How many were sold in 1989? (b)	What was the value of sales in 1989? (Dollars) (c)
	251	252	253 \$
	254	255	256 \$
	257	258	259 \$
	260	261	262 \$
	263	264	265 \$
	266	267	268 \$
	269	270	271 \$
	272	273	274 \$

- 7. How many dozens of chicken eggs were sold during 1989?
- 8. How many quarts of milk were sold during 1989?

None	What was the quantity sold in 1989? (a)	What was the value of sales in 1989? (Dollars) (b)
	301 Dozens	302 \$
	303 Quarts	304 \$

SECTION 6 SELECTED EQUIPMENT AND SPECIFIED FACILITIES USED ON THIS PLACE

1. How many of the following are on this place? (Include all specified equipment on this place today, regardless of ownership, provided it is in operating condition.)

- a. Tractors of all kinds
- b. Motortrucks
- c. Automobiles

None	Number
	315
	316
	317

2. Do you have the following on this place?

- a. Electricity Yes No
- b. Piped running water Yes No

SECTION 7 OPERATOR CHARACTERISTICS

007

The following questions are about the FARM OPERATOR.

1. Do you live on this place (the acres entered in section 1, question 4)? 320 1 Yes 2 No
2. In what year did you begin to operate this place? 321 _____ Year
3. How old were you on your last birthday? 322 _____ Years old
4. What is your main occupation? 323 1 Agricultural 2 Nonagricultural
5. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1989? (Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farmwork.) 324

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

SECTION 8 ENUMERATOR'S RECORD (To be completed by the Census enumerator)

008

1. Who furnished the information in this report? 325

}	1 <input type="checkbox"/> Operator	4 <input type="checkbox"/> Hired laborer
	2 <input type="checkbox"/> Landlord	5 <input type="checkbox"/> Other — Specify <input checked="" type="checkbox"/> _____
	3 <input type="checkbox"/> Wife or member of the operator's family	

2. Remarks (make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.)

ENUMERATOR: Ask at the completion of this questionnaire — "Besides you, (the operator) does any other person living in this household have 15 or more poultry (chickens, ducks, guineas, etc.); 5 or more livestock (cattle, hogs, goats, etc.); a combined total of 10 or more fruit or nut trees or plants; or any crops or vegetables harvested for sale during 1989?"

If "No," END INTERVIEW
 If "Yes," enter note in "Remarks" section and complete another Agriculture report form for the other person.

3. Certified by enumerator	331 Date
4. Checked by crew leader	332 Date