

# APPENDIX A.

## General Explanation

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### TAKING THE CENSUS

#### Report Form

The report form for the 1982 Census of Agriculture in Guam was prepared by the Outlying Areas Branch of the Agriculture Division, Bureau of the Census, in cooperation with the Department of Commerce of Guam.

The content of the 1982 census report form is similar to that of the 1978 form. Some changes were made to provide more meaningful and useful statistics, and to facilitate the processing of the collected data. A new data item was added for total acres in the Fruits and Nuts section. A data item not included was on source of financing.

There were two other changes made to the report form. The Fishery section was changed to make it more understandable; and the reporting unit for land area was changed from hectares to acres to facilitate reporting by respondents.

#### Training Program

The project manager, crew leaders, and enumerators employed for the census in Guam received special training for the job in accordance with instructions prepared by the Bureau of the Census. The training included classroom practice in interviewing and filling out the report form and a detailed discussion of the enumerators' instructions.

#### Method of Enumeration

The statistics in this report represent totals of data collected from farm operators during a 12-week period, beginning in March 1983. Prior to enumeration, Guam was divided into 19 Enumeration Districts (ED's) and each district was clearly delineated on special ED maps.

Each enumerator was assigned an ED and furnished with a map of the district to be enumerated. In all areas, except cities and other heavily populated areas, enumerators were required to visit each dwelling (or place), list the name of the head of household, and ask a series of screening questions. If the place qualified as an agricultural operation, the enumerator was required to complete a report form (see appendix B). For urban and other heavily populated areas, enumerators were given a

list of 1978 farm operations and were required to enumerate those that still operated as a farm. To ensure as complete an enumeration as possible, the enumerators were required to plot the location of each occupied dwelling or place on the ED map. They were also given lists of special and large farms located in each ED and were required to complete a report form for each name listed or an explanation of why one was not necessary.

Enumerators were to ask enough questions about tracts of land on which there were no dwellings to determine whether a report form should be completed for the owner or person in charge. This procedure was designed to ensure complete coverage of all land used, whether operated by an individual, partnership, corporation, or institution.

To avoid duplication or overlapping of enumeration, rules were established whereby responsibility for coverage could be determined. If a place was entirely within the boundaries of an ED, the enumerator assigned to it was responsible for completing the report form, regardless of where the operator lived. If a place was partly in one ED and partly in another, the enumerator assigned to the ED in which the operator lived was responsible for completing the report form; including all land the person operated in Guam regardless of ED.

### OFFICE PROCESSING

The office processing was done in the Agriculture Division at the Bureau of the Census. Each report form was edited and coded prior to being keyed and tabulated. Report forms obtained for places not meeting the census farm definition criteria were voided and removed from further processing. The remaining report forms were examined for accuracy, consistency, and completeness. Errors in computations and in units of measures, inconsistencies, and misplaced entries were corrected. Incomplete reports were adjusted on the basis of related information on the same form or on report forms for nearby farms of similar type and size.

After all report forms had been reviewed, the data were encoded onto magnetic tape and subjected to a thorough computer edit analysis. The computer analyzed the data for each farm for completeness and consistency and recorded all inconsistencies. These inconsistencies were reviewed by subject matter specialists and corrected and encoded onto the magnetic tape. The corrected data were then tabulated by the computer and printed out for review. Following necessary corrections, the data were retabulated and a printout was provided so that the data tables could be prepared for final publication.

## 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 report form. For an exact wording of the questions on the 1982 report form, 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 1982 Census of Agriculture began in March 1983, the 1978 census in April 1978, and the 1974 census in January 1975. All other data, such as that relating to acres, production, sales, hired workers, and expenses are for the calendar years 1982, 1977, and 1974, respectively.

**Farms or farms reporting**—Figures for “farms” represent the number of farms for which the specified item was reported. The difference between the total number of farms and the number of farms reporting an item represents the number of farms not producing that item, provided a correct report was received for all farms.

**Land in farms**—The land in farms was determined from the answers to questions 1 through 7 in section 2 of the report form (see appendix B). The amounts of land reported as owned, rented from others, used under permit, occupied without permit, or furnished by the government 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 they were being held for nonagricultural purposes, such as recreational, for timber, etc.

**Land owned**—This item includes all land held by the operator or his/her spouse under title, purchase contract, homestead law, or as heir or trustee of an undivided estate at the time of enumeration. However, land used by the U.S. military services was excluded even though owned by the operator.

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

**Land occupied by permit**—This item includes all land for which the operator had a Government of Guam permit. Rights to use land owned or controlled by the Government of Guam are in the form of permits rather than lease or rental arrangements.

**Land occupied without permit**—This item includes all land occupied by the operator as a “borrower” or “nonpermittee,” without ownership rights to the land, or without any kind of permit, lease, or rental agreement.

**Land furnished by the Government**—This item includes all land that the Government of Guam furnished to the operator in connection with his/her living quarters.

**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 item 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 it. Land in crops includes (1) land in bearing and nonbearing fruit and nut trees or plants or any other tree crops, (2) land that had partial but not total crop failure, and (3) land in home gardens.

**Cropland used for pasture**—This item includes all cropland on the place that was used only for pasture. Land planted in crops, even though the crops were not to be harvested, was not to be included here.

**Cropland not used for crops or pasture**—This item includes cropland on the place that was not used for crops or pasture. It does not include land so hilly, rocky, or wet that the cost of improving it for cultivation would be more than the operator could pay. Nor does it include land in roads, streams, or swamps. It does include land on which there was total crop failure due to flood, drought, insects, fire, or other causes; cropland lying idle; and cropland planted with soil-improvement grasses, or other cover crops planted for the purpose of improvement.

**Pastureland used for pasture or grazing**—This item includes land used for grazing livestock at the time of enumeration. It does not include cropland, even though cattle or other livestock may have been grazed on it.

*Pastureland not used for pasture or grazing*—This item refers to all land suitable for pasture or grazing that was not being used for grazing livestock at the time of enumeration. It includes land that, in the opinion of the operator, could have supported enough plant growth, either native or planted for grazing, provided the clearing and grazing of the land would not seriously damage it.

*All other land*—This item includes all land not qualifying as either cropland or pastureland as defined above. It includes land in house lots, barn lots, ponds, ditches, swamps, steep slopes, roads, brushland, wasteland, and forest areas.

**Crops harvested**—The report form contained individual inquiries for crops commonly grown and space to write in those less frequently produced. The information requested in 1982 includes acres of crops harvested, pounds harvested and sold, and value of sales.

*Vegetables and field crops*—The number of acres harvested, the total quantity of each vegetable and field crop harvested, the quantity sold, and value of sales during 1982 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 area was to be reported separately for each crop or planting.

*Fruits and nuts*—For fruits grown on farms, information was obtained on the total acres, total quantity harvested, the quantity sold, and the value of sales during the year. Data were also collected separately for the number of trees or plants, both bearing and nonbearing, that were on the place on enumeration day. For breadfruits, betelnuts, coconuts, guavas, soursops, starfruits, and other wild or cultivated fruits, nuts, or crops, the reported data represent total quantities harvested or gathered during the year by all members of the operator's household, both from land on the farm and other land.

Data for nursery and ornamental plants, flowering trees and plants, and shrubs reflect the number of plants on hand at time of enumeration. Plants sold and value of sales were for calendar year 1982.

**Farm operator**—The term "operator" designates a person who operates a farm, either by doing the work himself/herself or by 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. By definition, the number of operators is the same as the number of farms.

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

*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.

*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.

*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.

*Main occupation*—This question was asked to determine whether the principal occupation of the operator was agricultural or nonagricultural. 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.

*Work off farm*—Data for work off farm have been collected since 1969. It was enumerated to provide information on the extent of part-time farming in Guam. Operators reporting off-farm work in 1982 varied from those who worked full time for the military installations to those who supplemented their income with odd or spare time jobs.

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 was not to be reported.

**Type of holding**—Agricultural operations are classified on the basis of whether they are producing mainly for home consumption, or mainly for sale. Holdings producing principally for sale are further classified by type of agricultural production.

*Holdings with production mainly for home consumption*—This type applies to holdings from which more than 50 percent of the agricultural output of the holding is consumed by the holder's household.

*Holdings with production mainly for sale*—This type applies to holdings where 50 percent or more of the agricultural output is for sale. Holdings producing mainly for sale are further classified according to their most important activity.

Vegetable holding is one on which 50 percent or more of the value of sales was from the sale of vegetables.

Field crop holding is one on which 50 percent or more of the value of sales was from the sale of field crops.

Fruit and nut holding is one on which 50 percent or more of the value of sales was from the sale of fruits and nuts.

Dairy holding is one on which 50 percent or more of the value of sales was from the sale of dairy products.

Livestock holding is one on which 50 percent or more of the value of sales was from the sale of livestock and livestock products, except dairy products.

Poultry holding is one on which 50 percent or more of the value of sales was from the sale of poultry and poultry products.

Mixed holding is one on which no item accounts for 50 percent or more of the value of sales.

Other holding is one that does not belong to any of the previous groups.

**Selected production expenses**—Information was obtained for six major categories of farm expenses incurred during 1982.

*Machine hire and customwork*—This item pertains to farm-related expenses for tractor hire, plowing, spraying, hauling, etc.

*Wages and salaries paid for farm workers*—This item pertains to cash payments for agricultural work. Expenses incurred from housework or contract construction work were not to be included.

*Purchases of feed for livestock and poultry*—This item includes money spent for the purchase of feed for livestock and poultry.

*Purchases of insecticides, fungicides, and herbicides*—This item includes money spent for chemicals, sprays, dusts, etc., used for the control of weeds, pests, insects, diseases, etc., for all crops, livestock, and poultry.

*Purchases of fertilizers and manure*—This item covers payments for commercial fertilizers, fertilizing materials, and manure.

*Purchases of livestock and poultry*—This item covers money spent for the purchase of livestock and poultry.

**Livestock, poultry, and fish**—Data for livestock and poultry show the number on hand at time of enumeration and quantity sold during 1982. All livestock and poultry on the place were enumerated at the time of the enumeration regardless of ownership.

Sales data were collected for all livestock and poultry sold from the place during 1982, as well as dozens of eggs and quarts of milk sold.

Data for pounds of fish caught, pounds of fish sold, and value of sales are for calendar year 1982.

**Cattle and calves**—Includes "milk cows" that were on the place on the day of enumeration and were milked at any

time during 1982. "All others" refers to cattle and calves other than milk cows. Livestock sales data are for the calendar year 1982.

**Equipment**—The following types of equipment on the place at time of enumeration regardless of ownership, were reported so long as they were operable.

*Tractors*—This includes all wheel and tracklaying (crawler) tractors, garden tractors, and homemade tractors.

*Motortrucks*—This includes pickup trucks and truck-trailer combinations, and 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 covers electrical power anywhere on the place including the dwelling of the operator.

*Piped running water*—This covers 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.

## FARM CLASSIFICATIONS

Tables 26 and 27 present detailed data for farms classified by size of farm and tenure of operator.

**Farms by size**—Farms were classified by size on the basis of the total land area established in each one. 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 share-tenants, the land assigned to each share-tenant is considered a separate farm, even though the landlord may consider his/her entire landholding to be one unit rather than several separate units.

**Farms by tenure of operator**—Farms were classified by tenure of operator on the basis of information reported for land owned, rented from others, operated under a government permit, operated without a permit (nonpermittee), or furnished by the Government of Guam in connection with the operator's living quarters. During the processing operations, each report form was coded to indicate whether the operator was a full owner, part owner, tenant, permittee, nonpermittee, or other operator.

*Full owners*—These operate only land owned or land owned plus land operated under a permit, without a permit, or in connection with living quarters furnished by the Government of Guam.

*Part owners*—These operate land owned plus land rented from others. They may also operate land under

a permit, without a permit, or furnished by the Government of Guam in connection with their living quarters.

*Tenants* — These operate only land rented from others or land rented plus land under a permit, without a permit, or furnished by the Government of Guam in connection with their living quarters.

*Permittees* — They operate land under a permit from the Government of Guam, or they may operate some of the land under a permit and the remainder of the land without a permit.

*Nonpermittees* — These operate "borrowed" land. They do not own or rent the land, operate the land under a permit, or use the land under any arrangement with the Government of Guam.

*Others* — These operate land that does not meet the criteria of the preceding groups. All the land they operate is furnished by the Government of Guam in connection with living quarters, or part is operated without a permit and part is furnished by the Government of Guam in connection with living quarters.

# APPENDIX B. Report Form

O.M.B. APPROVAL NO. 0607-0423: EXPIRES 12/83

FORM 82-A1(G)  
(12-30-82)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

A1

## 1982 CENSUS OF AGRICULTURE GUAM

**NOTICE** — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation.

**FARM SERIAL NUMBER** ▶  
From A2, column (6)

### Section 1 OPERATOR

1. What is your (the operator's) name?
2. What is your (the operator's) mailing address?  
(Give address where correspondence is received.)

Full name (First name, middle initial, last name)

Complete mailing address

### Section 2 LAND IN AGRICULTURE

1. How many acres do you own?.....  None
2. How many acres do you rent from others?.....
3. For how many acres do you have a government land permit?.....
4. How many acres do you occupy without a land permit?.....
5. How many acres are furnished to you, in connection with your living quarters, by the government?....
6. How many acres do you rent to others? (Do not include land used by U.S. military services.).....
7. TOTAL ACRES IN THIS PLACE (ADD the entries in items 1, 2, 3, 4, and 5, then SUBTRACT the entry in item 6.) →

	Acres	Tenths
041		/10
042		/10
043		/10
044		/10
045		/10
046		/10
047		/10

8. Is the farm located on a hard surface (all weather) road? ..... <sup>048</sup> 1  Yes    2  No — About how many miles is it to the nearest hard surface (all weather) road?

	Miles	Tenths
049		/10

9. How many unpaid and paid farm hands (including the operator and his family) worked on this place in 1982? ..... <sup>055</sup> \_\_\_\_\_ Total farm hands

- a. Of the unpaid farm hands (including the operator and unpaid family workers), how many worked — .....
- b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked — .....

150 days or more?	25 to 149 days?	Less than 25 days?
056	057	058
059	060	061

10. Is this holding producing mainly for home consumption or sale?..... <sup>062</sup> 1  Home consumption — Go to section 3  
2  Sale — Ask item 11

11. If producing mainly for sale, is it one of the following?..... <sup>063</sup>
  - 1  Vegetable holding
  - 2  Field crop holding
  - 3  Fruit and nut holding
  - 4  Dairy holding
  - 5  Livestock holding
  - 6  Poultry holding
  - 7  Mixed holding
  - 8  Other — Specify \_\_\_\_\_

### Section 3 CROPS HARVESTED IN 1982

- Were any of these VEGETABLES AND FIELD CROPS harvested in 1982?

- None
1. Bittermelons .....
  2. Cantaloupes .....
  3. Cassava (tapioca) .....
  4. Gado .....
  5. Muskmelons and pepinos .....

	How many acres were harvested in 1982?		How many POUNDS were harvested in 1982?	How many POUNDS were sold in 1982?	What was the value of sales in 1982?
	(a) Acres	Tenths			
064		/10	065	066	067
068		/10	069	070	071
072		/10	073	074	075
076		/10	077	078	079
080		/10	081	082	083

**Section 3 CROPS HARVESTED IN 1982 – Continued**

• Were any of these **VEGETABLES AND FIELD CROPS** harvested in 1982?

- 6. Sweetpotatoes .....
- 7. Taro .....
- 8. Watermelons .....
- 9. Yams .....
- 10. Chinese cabbage .....
- 11. Corn .....
- 12. Cucumbers .....
- 13. Eggplant .....
- 14. Green beans .....
- 15. Green onions .....
- 16. Head cabbage .....
- 17. Peppers .....
- 18. Pumpkins and squash .....
- 19. Radishes .....
- 20. Tomatoes .....
- 21. Other vegetables and field crops — *Specify* .....

	How many acres were harvested in 1982?		How many POUNDS were harvested in 1982?	How many POUNDS were sold in 1982?	What was the value of sales in 1982?
	(a) Acres	Tenths			
None					
084		/10	085	086	087
088		/10	089	090	091
092		/10	093	094	095
096		/10	097	098	099
100		/10	101	102	103
104		/10	105	106	107
108		/10	109	110	111
112		/10	113	114	115
116		/10	117	118	119
120		/10	121	122	123
124		/10	125	126	127
128		/10	129	130	131
132		/10	133	134	135
136		/10	137	138	139
140		/10	141	142	143
144		/10	145	146	147
		/10			

• **FRUITS AND NUTS**

22. Were there any fruit and nut trees or plants on this place or were any harvested in 1982? ..... 050  Yes  No — Skip to item 41

23. How much land is in bearing and nonbearing fruit trees and plants? .....

Acres	Tenths
051	/10

- 24. Avocados .....
- 25. Bananas .....
- 26. Betelnuts .....
- 27. Breadfruits .....
- 28. Coconuts .....
- 29. Grapefruits .....
- 30. Guavas .....
- 31. Lemons-Limes .....
- 32. Mangoes .....
- 33. Oranges .....
- 34. Papayas .....
- 35. Pineapples .....
- 36. Soursops .....
- 37. Star Fruits .....
- 38. Sweetsops .....
- 39. Tangerines .....
- 40. Other fruits, nuts, and tree crops — *Specify* .....

	None	How many trees or plants are not of bearing age?		How many trees or plants are of bearing age?	How many pounds were harvested in 1982?	How many pounds were sold in 1982?	What was the value of sales in 1982?
		(a)	(b)				
148		149	150	151	152		
153		154	155	156	157		
158		159	160	161	162		
163		164	165	166	167		
168		169	170	171	172		
173		174	175	176	177		
178		179	180	181	182		
183		184	185	186	187		
188		189	190	191	192		
193		194	195	196	197		
198		199	200	201	202		
203		204	205	206	207		
208		209	210	211	212		
213		214	215	216	217		
218		219	220	221	222		
223		224	225	226	227		
228		229	230	231	232		

41. Nursery and Ornamental plants, flowering trees and plants, shrubs, etc.; on the place in the last 12 months ..... None

Number of plants on the place	Number of plants sold	What was the value of sales in 1982?
(a)	(b)	(c)
233	234	235

**Section 4 LAND USE**

Of the total acres on this place  
(Section 2, item 7) —

	None	Acres	Tenths
1. How many acres of land are in crops? .....	<input type="checkbox"/>	236	/10
2. How much cropland is used for pasture? .....	<input type="checkbox"/>	238	/10
3. How much cropland is not used for crops or pasture? .....	<input type="checkbox"/>	240	/10
4. How much pastureland is used for pasture or grazing? .....	<input type="checkbox"/>	242	/10
5. How much pastureland is not used for pasture or grazing? .....	<input type="checkbox"/>	244	/10
6. How many acres are in other land? .....	<input type="checkbox"/>	246	/10
7. TOTAL LAND (Add entries in items 1 through 6. The total should be equal to the entry in section 2, item 7.)		248	/10

**Section 5 LIVESTOCK AND POULTRY**

Do you or anyone else have any of the following livestock and poultry on this place or were any sold from this place in 1982?

	None	How many are on this place today? (a)	How many were sold in 1982? (b)	What was the value of sales in 1982? (c)
1. Carabaos of all ages .....	<input type="checkbox"/>	250	251	252
2. Total cattle and calves of all ages .....	<input type="checkbox"/>	253	254	255
<i>(Must equal sum of a and b below.)</i>				
a. Milk cows .....	<input type="checkbox"/>	258	257	258
b. All other cattle and calves .....	<input type="checkbox"/>	259	260	261
3. Hogs and pigs of all ages .....	<input type="checkbox"/>	262	263	264
4. Goats and kids of all ages .....	<input type="checkbox"/>	265	266	267
5. Horses and colts of all ages .....	<input type="checkbox"/>	268	269	270
6. Chicken hens 4 months old and over .....	<input type="checkbox"/>	271	272	273
<i>(Must equal sum of a and b below.)</i>				
a. Commercial layers .....	<input type="checkbox"/>	274	275	276
b. Other chicken hens .....	<input type="checkbox"/>	277	278	279
7. Chickens less than 4 months old .....	<input type="checkbox"/>	280	281	282
8. Roosters and pullets .....	<input type="checkbox"/>	283	284	285
9. Other poultry				
a. Ducks .....	<input type="checkbox"/>	286	287	288
b. Geese .....	<input type="checkbox"/>	289	290	291
c. Pigeons .....	<input type="checkbox"/>	295	296	297
d. Other — Specify .....	<input type="checkbox"/>	298	299	300

	None	Number sold in 1982 (a)	What was the value of sales in 1982? (b)
10. How many dozens of chicken eggs were sold during 1982? .....	<input type="checkbox"/>	301	302
		Dozens	
11. How many quarts of milk were sold during 1982? .....	<input type="checkbox"/>	303	304
		Quarts	

**Section 6 FISHERY**

	None	Total pounds caught (a)	Total pounds sold (b)	Value of sales in 1982 (c)
1. How many pounds of fish were caught during 1982? .....	<input type="checkbox"/>	305	306	307



**Section 7** SELECTED EXPENDITURES IN 1982

How much did you spend for each of the following in 1982?

- 1. Machine hire and customwork .....
- 2. Wages and salaries paid to employees or hired farm workers (Do not include housework or contract construction work. Include cash payments only.) .....
- 3. Feed purchased for livestock and poultry (Include cost of grain, feed, concentrates, and roughages; also amount paid for grinding and mixing feed.) .....
- 4. Insecticides, fungicides, and herbicides .....
- 5. Fertilizers and manure purchased .....
- 6. Livestock and poultry purchased .....

Dollars only	
None	309
	310
	311
	312
	313
	314

**Section 8** EQUIPMENT AND FACILITIES USED ON THE PLACE IN 1982

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. Tractor (of all kinds) .....
- b. Motortrucks .....
- c. Automobiles .....

Number	
None	315
	316
	317

2. Do you have the following on this place?

- a. Electricity ..... <sup>318</sup> 1  Yes 2  No
- b. Piped running water ..... <sup>319</sup> 1  Yes 2  No

**Section 9** OPERATOR CHARACTERISTICS

The following questions are about the FARM OPERATOR.

- 1. Do you live on this place? ..... <sup>320</sup> 1  Yes 2  No
- 2. In what year did you begin to operate this place? ..... <sup>321</sup> \_\_\_\_\_ Year
- 3. How old were you on your last birthday? ..... <sup>322</sup> \_\_\_\_\_ Years old
- 4. What is your main occupation? ..... <sup>323</sup> 1  Agricultural 2  Non-agricultural
- 5. OFF FARM WORK – How many days did the operator work 4 hours or more off this place in 1982? (Include work at a nonfarm job, business, or on someone else's farm. Exclude exchange farm work) ..... <sup>324</sup> 1  None 4  100–149 days  
 2  1–49 days 5  150–199 days  
 3  50–99 days 6  200 days or more

**Section 10** ENUMERATOR'S RECORD (To be filled by the Census enumerator)

- 1. Who furnished the information in this report?..... <sup>325</sup> 1  Operator 4  Wife or member of the operator's family  
 2  Landlord  
 3  Hired laborer 5  Other – Specify \_\_\_\_\_

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

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<b>3. Residence of operator</b>	a. Election District	b. Village
<b>4. Location of land</b>	a. Election District	b. ED number
<b>5. Certified by</b>	Enumerator's signature	Date
<b>6. Checked by</b>	Supervisor's signature	Date