

# APPENDIX A. General Explanation

## General Information

The following definitions and explanations relate to those items that are considered to be inadequately described in the tables. Most of the definitions come from the instructions given to enumerators. For an exact wording of the questions and instructions on the questionnaire, see the facsimile of the questionnaire in appendix B.

In the tables, the 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 1974 census enumeration began on January 27, 1975; the 1970 census enumeration began on April 1, 1970. All other data, such as that relating to hectares, production, sales, hired workers, and workpower used, are for the calendar years 1974 and 1969.

## Farm Operator

The term "farm operator" designates a person who operates a farm, either by doing the work himself or by directly supervising the work. He 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 farm operators is the same as the number of farms.

## Farms or Operators 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 a particular item represents the number of farms not having that item, provided a correct report was received for all farms.

Where applicable, figures are given for the number of farms or operators not reporting items that were intended to be reported for all farms; for an example, see the item "Years on farm."

## Land

**Land in farms**—All data relating to land tenure and land in farms refer to land operated on the day of enumeration. The land to be included in each farm was determined from the answers to questions 1 through 7 in section 2 of the agriculture questionnaire (see appendix B). The amounts of land reported as owned, rented from others, used under permit, occupied without permit, and 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 includes areas of land not actually under cultivation nor used for pasture or grazing. For example, woodland and wasteland owned or rented from others was included as land in farms unless reports indicated it was being held for nonagricultural purposes.

**Land owned**—This item includes all land the operator and/or his wife held under title, purchase contract, homestead law, or as heir or trustee of an undivided estate at the time of enumeration. How-

ever, all 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 that he assigned to others on shares or rent free. For the most part, the land rented to others represents agricultural land, but it also includes 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 his landlord may supervise his operations. The landlord is considered to be the operator of only that portion of the land not assigned to his tenants.

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

**Land occupied by 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. Accordingly, this item includes all land for which the operator had a Government of Guam permit.

**Land occupied without permit**—This item includes all land that the operator occupied as a "borrower" or "non-permittee," without any ownership rights to the land, or without any kind of permit, lease, or rental agreement.

**Land furnished by Government**—This item includes all land that the Govern-

## APPENDIX A Continued

ment of Guam furnished to the operator in connection with his living quarters.

### Land Use

Land in farms at the time of enumeration has been distributed 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 hectare 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 refers to 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 refers to all 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 grass, or other cover crops planted for the purpose of improvement.

**Pastureland used for pasture or grazing**—This pastureland includes all 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 pastureland 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.

### Type of Holding

The purpose of the items under this heading was to classify holdings according to whether their production was mainly for home consumption or mainly for sale, and to classify the holdings whose production was mainly for sale by the most important types of agricultural production.

The production figures for home consumption are based on the agricultural output of the holding during 1974. Agricultural output refers to the part left after rent has been paid to the landlord and/or the part left after deduction of the produce used on the holding for further agricultural production, such as for forage or seed.

**Holding with production mainly for home consumption**—This type applies to holdings which produce mainly for home consumption; i.e., that 50 percent or more of the agricultural output of the holding is consumed by the holder's household.

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

**Crop holdings** are those on which 50 percent or more of the value of sales was from the sale of crops.

**Livestock and/or poultry holdings** are those on which 50 percent or more of the value of sales was from the sale of livestock, livestock products, poultry, or poultry products.

**Mixed holdings** are those on which neither the sale of crops nor the sale of livestock and/or poultry nor home consumption accounts for 50 percent or more of the value of sales.

**Other holdings** are those that do not belong to any of the previous groups.

### Crops Harvested

The questionnaire contained individual inquiries for crops commonly grown and a space to write in the name of crops less frequently grown. The information requested for 1974 was on the area of each crop harvested, on pounds harvested, and, for the first time, on pounds sold.

**Vegetables and field crops**—The total quantity of each vegetable and field crop harvested and the quantity sold during 1974 was always to be reported, even when the area harvested amounted to less than 10 ares.

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 for each separate crop or planting.

**Fruits and nuts**—For fruits grown on farms, information was obtained on the total quantity harvested and on the quantity sold during the year. Data were collected also for the number of trees or plants, both bearing and nonbearing, that were on the place on enumeration day. For breadfruit, betelnuts, coconuts, guavas, soursops, starfruits, anonas, and other wild or cultivated fruits, nuts, or crops, the reported data represent total quantities harvested or gathered during the year.

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by all members of the operator's household, both from land on the farm and other land.

### Livestock, Poultry, and Fish

Data for livestock and poultry relate to the number on hand at the time of enumeration. All livestock and poultry were to be enumerated on the place where they were at the time of the enumeration regardless of who owned them.

Sales data were collected for all livestock and poultry sold from the place in 1974, as well as the dozens of eggs and quarts of milk sold.

Data for pounds of fish harvested and sold relate to the calendar year 1974 and were collected for the first time in the 1974 Census of Agriculture.

**Cattle and calves**—Within this category, "Milk cows" are cows that had been milked at any time during the preceding 12 months. "All other" refers to cattle and calves other than milk cows. Livestock sales data are for the calendar year 1974.

### Mechanical and Animal Power

Sources of workpower refer to those used only for agricultural activities on the place in 1974 whether or not the animal or mechanical power used belonged to the operator.

### Operator 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 themselves lived on farms operated by others. Where all the land was rented from others or worked on shares for others, the operator was considered to live on the farm operated provided the dwelling he occupied was included in the rental agreement. In such cases, the dwell-

ing was not necessarily on the land being operated. Similarly, a farm operator who did not live on the land being cultivated or grazed, but who had some agricultural operations (other than a home garden) at his dwelling, was considered to be living on the farm operated.

**Year began operating present farm**—Enumerators were instructed to obtain the year a farm operator began to operate the farm, i.e., the first year the operator took continuous charge of his present farm or any part of it.

**Work off farm**—Data for work off farm were collected for 1969 and 1974. Off-farm work was enumerated to provide information on the extent of part-time farming in Guam. Farm operators reporting off-farm work in 1974 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 farm operator for pay was to be reported. Days worked off the place were to include work at a job such as clerk, salesman, laborer, or truck driver; at a nonfarm business such as operating a store or repair shop; or at a profession such as doctor, lawyer, or teacher. Exchange work was not to be reported.

### Farm Classifications

This report presents detailed data for farms classified by size of farm and tenure of farm 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 case of share-tenants, the land assigned to each share-tenant is considered a separate farm, even though the landlord may consider his 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 questionnaire was coded to indicate whether the farm operator was a full owner, part owner, tenant, permittee, nonpermittee, or other operator.

*Full owners* 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* 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* 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* operate land under a permit from the Government of Guam for all the land operated, or they may operate some of the land under a permit and the remainder of the land without a permit.

*Nonpermittees* 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* are operators who do not qualify for any of the foregoing groups. All the land is furnished by the Government of Guam in connection with their living quarters, or part of the land is operated without a permit and part is furnished by the Government of Guam in connection with their living quarters.

# APPENDIX B. Report Form

Form Approved: O.M.B. No. 41-574082

FORM 74-A1(G) (8-30-74)	U.S. DEPARTMENT OF COMMERCE SOCIAL AND ECONOMIC STATISTICS ADMIN. BUREAU OF THE CENSUS	<b>NOTICE</b> - 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.																								
<b>A1 1974 CENSUS OF AGRICULTURE</b> <b>G U A M</b>																										
IMPORTANT: Fill this questionnaire if any member of the household harvested (or gathered) any crops or vegetables during 1974, or has any livestock or 15 or more poultry.		<b>FARM SERIAL NUMBER</b> → From A2, column (6)																								
CENSUS USE ONLY    010                      011                      012                      013                      014																										
<b>Section 1</b> OPERATOR																										
1. What is your (the operator's) name?	Full name (First name, middle initial, last name)																									
2. What is your (the operator's) mailing address? (Give address where correspondence is received.)	Complete mailing address																									
<b>Section 2</b> LAND IN AGRICULTURE																										
1. How many hectares do you own? .....	<input type="checkbox"/>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">None</th> <th style="width:10%;">Hectares</th> <th style="width:10%;">Ares</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">040</td><td></td><td></td></tr> <tr><td style="text-align: center;">050</td><td></td><td></td></tr> <tr><td style="text-align: center;">051</td><td></td><td></td></tr> <tr><td style="text-align: center;">052</td><td></td><td></td></tr> <tr><td style="text-align: center;">053</td><td></td><td></td></tr> <tr><td style="text-align: center;">060</td><td></td><td></td></tr> <tr><td style="text-align: center;">070</td><td></td><td></td></tr> </tbody> </table>	None	Hectares	Ares	040			050			051			052			053			060			070		
None	Hectares	Ares																								
040																										
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2. How many hectares do you rent from others? .....	<input type="checkbox"/>																									
3. For how many hectares do you have a government land permit? .....	<input type="checkbox"/>																									
4. How many hectares do you occupy without a land permit? .....	<input type="checkbox"/>																									
5. How many hectares are furnished to you, in connection with your living quarters, by the government? .....	<input type="checkbox"/>																									
6. How many hectares do you rent to others? (Do not include land used by U.S. military services.) .....	<input type="checkbox"/>																									
7. TOTAL AREA IN THIS PLACE (ADD the entries in items 1, 2, 3, 4, and 5, then SUBTRACT the entry in item 6.) →	070																									
8. Is the farm located on a hard surface (all weather) road? .....	071    1 <input type="checkbox"/> Yes                      2 <input type="checkbox"/> No - About how many miles is it to the nearest hard surface (all weather) road?																									
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Miles</th> <th style="width:10%;">Tenths</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">072</td> <td style="text-align: center;">/ 10</td> </tr> </tbody> </table>		Miles	Tenths	072	/ 10																				
Miles	Tenths																									
072	/ 10																									
9. What percent of the farm operation is financed by each of the following sources? ...	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">None</th> <th style="width:10%;">Percent</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">073</td><td></td></tr> <tr><td style="text-align: center;">074</td><td></td></tr> <tr><td style="text-align: center;">075</td><td></td></tr> <tr><td style="text-align: center;">076</td><td></td></tr> </tbody> </table>		None	Percent	073		074		075		076															
None	Percent																									
073																										
074																										
075																										
076																										
10. How many unpaid and paid farm hands (including the operator and his family) worked on this place in 1974? .....	081                      Total farm hands																									
a. Of the unpaid farm hands (including the operator and unpaid family workers), how many worked - .....	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">150 days or more?</th> <th style="width:33%;">25 to 149 days?</th> <th style="width:33%;">Less than 25 days?</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">082</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">083</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>		150 days or more?	25 to 149 days?	Less than 25 days?	082	1	2	083	1	2															
150 days or more?	25 to 149 days?	Less than 25 days?																								
082	1	2																								
083	1	2																								
b. Of the paid farm hands (hired workers and paid members of operator's family), how many worked - .....																										
11. Does the farm have running water? .....	091    1 <input type="checkbox"/> Yes    2 <input type="checkbox"/> No																									
12. Does the farm have electrical power? .....	092    1 <input type="checkbox"/> Yes    2 <input type="checkbox"/> No																									
13. Is this holding producing mainly for home consumption or sale? .....	093    1 <input type="checkbox"/> Home consumption - Go to Section 3 2 <input type="checkbox"/> Sale - Ask item 14																									
14. Is it a cropholding, livestock and/or poultry holding, mixed holding, or some other type of holding? .....	094    1 <input type="checkbox"/> Cropholding 2 <input type="checkbox"/> Livestock and/or poultry holding 3 <input type="checkbox"/> Mixed holding 4 <input type="checkbox"/> Other - Specify _____																									

Section 3 CROPS HARVESTED IN 1974					
<p>● Were any of these <b>VEGETABLES AND FIELD CROPS</b> harvested in 1974?</p>	None	How many hectares were harvested in 1974? (a)		How many POUNDS were harvested in 1974? (b)	How many POUNDS were sold in 1974? (c)
		Hectares	Ares		
1. Taro .....	<input type="checkbox"/>	101	1	2	
2. Yams .....	<input type="checkbox"/>	102	1	2	
3. Sweetpotatoes .....	<input type="checkbox"/>	103	1	2	
4. Tapioca (cassava) .....	<input type="checkbox"/>	104	1	2	
5. Gado and other wild root crops .....	<input type="checkbox"/>	105	1	2	
6. Radishes .....	<input type="checkbox"/>	106	1	2	
7. Tomatoes .....	<input type="checkbox"/>	107	1	2	
8. Head cabbage .....	<input type="checkbox"/>	108	1	2	
9. Chinese cabbage .....	<input type="checkbox"/>	109	1	2	
10. Green beans .....	<input type="checkbox"/>	110	1	2	
11. Green onions .....	<input type="checkbox"/>	111	1	2	
12. Corn .....	<input type="checkbox"/>	112	1	2	
13. Cucumbers .....	<input type="checkbox"/>	113	1	2	
14. Eggplant .....	<input type="checkbox"/>	114	1	2	
15. Peppers .....	<input type="checkbox"/>	115	1	2	
16. Pumpkins and squash .....	<input type="checkbox"/>	116	1	2	
17. Watermelons .....	<input type="checkbox"/>	117	1	2	
18. Cantaloupes .....	<input type="checkbox"/>	118	1	2	
19. Muskmelons and pepinos .....	<input type="checkbox"/>	119	1	2	
20. Bittermelons .....	<input type="checkbox"/>	120	1	2	
21. Other crops - Specify .....	<input type="checkbox"/>		1	2	
_____			1	2	
_____			1	2	
_____			1	2	
<p>● Were any of the following <b>FRUITS OR NUTS</b> harvested or gathered by you or your family in 1974?</p>	None	How many trees or plants (of all ages) are on this place? (a)		How many POUNDS were harvested in 1974? (b)	How many POUNDS were sold in 1974? (c)
22. Avocados .....	<input type="checkbox"/>	131	1	2	
23. Bananas .....	<input type="checkbox"/>	132	1	2	
24. Grapefruit .....	<input type="checkbox"/>	133	1	2	
25. Oranges .....	<input type="checkbox"/>	134	1	2	
26. Tangerines .....	<input type="checkbox"/>	135	1	2	
27. Lemons and limes .....	<input type="checkbox"/>	136	1	2	
28. Mangos .....	<input type="checkbox"/>	137	1	2	
29. Papayas .....	<input type="checkbox"/>	138	1	2	
30. Pineapples .....	<input type="checkbox"/>	139	1	2	
31. Breadfruit .....	<input type="checkbox"/>	140	1	2	
32. Coconuts .....	<input type="checkbox"/>	141	1	2	
33. Betelnuts .....	<input type="checkbox"/>	142	1	2	
34. Starfruit .....	<input type="checkbox"/>	143	1	2	
35. Guavas .....	<input type="checkbox"/>	144	1	2	
36. Soursops .....	<input type="checkbox"/>	145	1	2	
37. Sweetsops .....	<input type="checkbox"/>	146	1	2	
38. Other fruits (anonas, etc.) - Specify .....	<input type="checkbox"/>		1	2	
_____			1	2	

**Section 4 LAND USE**

Of the total hectares on this place (Section 2, item 7) –

	None	Number of hectares		On how much of this land are crops or livestock being raised for sale?	
		(a)		(b)	
		Hectares	Ares	Hectares	Ares
1. How many hectares of land are in crops? . . . . .	<input type="checkbox"/>	161		1	
2. How much cropland is used for pasture? . . . . .	<input type="checkbox"/>	162		1	
3. How much cropland is not used for crops or pasture? . . . . .	<input type="checkbox"/>	163		1	
4. How much pastureland is used for pasture or grazing? . . . . .	<input type="checkbox"/>	164		1	
5. How much pastureland is not used for pasture or grazing? . . . . .	<input type="checkbox"/>	165		1	
6. How many hectares are in other land? . . . . .	<input type="checkbox"/>	166		1	
7. TOTAL LAND (Add entries in items 1 through 6. The total in col. (a) should be equal to the entry in Section 2, item 7.)	<input type="checkbox"/>	167		1	

**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 1974?

	None	How many are on this place today?	How many were sold in 1974?
1. Carabaos of all ages . . . . .	<input type="checkbox"/>	171	1
2. Total cattle and calves of all ages (Must equal sum of a and b below.)	<input type="checkbox"/>	172	1
		173	1
a. Milk cows . . . . .	<input type="checkbox"/>	174	1
b. All other cattle and calves . . . . .	<input type="checkbox"/>	175	1
3. Hogs and pigs of all ages . . . . .	<input type="checkbox"/>	176	1
4. Goats and kids of all ages . . . . .	<input type="checkbox"/>	177	1
5. Horses and colts of all ages . . . . .	<input type="checkbox"/>	181	1
6. Chicken hens 4 months old and over (Must equal sum of a and b below.)	<input type="checkbox"/>	182	1
		183	1
a. Commercial layers . . . . .	<input type="checkbox"/>	184	1
b. Other chicken hens . . . . .	<input type="checkbox"/>	185	1
7. Ducks . . . . .	<input type="checkbox"/>	186	1
8. Other poultry	<input type="checkbox"/>	187	1
		188	1
		189	1
			1
			1
			1
a. Chickens less than 4 months old . . . . .	<input type="checkbox"/>		
b. Roosters and pullets . . . . .	<input type="checkbox"/>		
c. Geese . . . . .	<input type="checkbox"/>		
d. Guineas . . . . .	<input type="checkbox"/>		
e. Pigeons . . . . .	<input type="checkbox"/>		
f. Other – Specify _____	<input type="checkbox"/>		

9. How many dozens of chicken eggs were sold during 1974? . . . . .	<input type="checkbox"/>	198	Dozens
		199	Quarts
10. How many quarts of milk were sold during 1974? . . . . .	<input type="checkbox"/>		

