

# Appendix A. Definitions and Explanations

## General Information

**Descriptive summary and reference**—The definitions and explanations that follow relate only to those items that are considered to be inadequately described in the tables where they appear. Most of the definitions consist of a resume of the questionnaire wording, supplemented by excerpts from instructions given to enumerators. For exact wording of the questions and of the instructions included on the questionnaire, see the facsimile of the 1970 agriculture questionnaire in appendix B.

**Dates to which data relate**—The year shown in the tables is the year of the census enumeration. The land in farms, fruit and nut trees, and livestock and poultry on hand represent the situation existing at the time of enumeration of each individual farm. Data for hectares and production of crops relate to the crops harvested during the 1969 crop year. Data for sales of chickens and chicken eggs relate to the calendar year 1969.

**Farm operator**—The term "farm operator" designates a person who operates a farm, either by doing the work himself or 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 reporting or operators reporting**—Figures for "farms reporting" represent the number of farms for which the specified item was reported. For example, if there were 150 farms in a district and only 130 of them reported chickens on hand, the number of farms reporting chickens would be 130. 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 obtained for all farms; for example, years on farm.

## Land and Land Use

**Land in farms**—All data related to land tenure and to land in farms refer only to land located in the Trust Territory and operated on enumeration day. The land to be included in each farm was determined from the answers to questions 3 through 6 which relate to land tenure. (See the facsimile of the question-

naire in appendix B.) The hectares owned and the hectares rented from others or worked on shares for others were first added together and then the hectares rented to others or worked on shares by others were subtracted. The result represented the number of hectares in the farm. One hectare is equal to 2.47 acres.

Although the hectares designated "land in farms" consists primarily of "agricultural" land—that is, 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, the entire area of woodland and wasteland that farm operators 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 that the operator and/or his wife held under title, purchase contract, or as heir or trustee of an undivided estate at the time of enumeration.

**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 rented to others**—This item includes all land that the operator rented or leased to others and all land that he assigned to others on shares or on a rent-free basis. For the most part, the land rented to others represents agricultural land but it also includes land rented for residential or other purposes. For land leased, rented, or worked on shares, the tenant is considered to be the operator even though his landlord may supervise his operations. The landlord is considered as operator of only that portion of the land not assigned to tenants.

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

**Land in crops** refers to all land planted in crops at the time of the enumeration. Land was to be reported only once even if two or more crops were planted on the same land. It includes (1) field crops that will be grazed when mature or almost mature; (2) land

in bearing and nonbearing fruit and nut trees or plants, or any other tree crops; (3) land that had partial but not total crop failure; and (4) land in home gardens.

**Other cropland** includes all land that the operator considers as cropland but on which no crops are planted. It should include (1) land used for pasture and grazing that the operator feels could have been used for crops without additional clearing or irrigation; (2) land with total crop failure as a result of drought, flood, insects, fire, or other cause; (3) idle and fallow cropland; and (4) cropland with soil improvement grass, cover crops, etc., for the purpose of said improvement.

**Pasture land** refers to the land where livestock are pastured or are being grazed, except for the cropland pasture previously reported. Includes woodland being used for pasture.

**Other land** includes all land that does not qualify either as cropland or pastureland as defined above. It includes land in house and building lots, lanes, roads, ditches, ponds, swamps, steep slopes, wasteland, brushland, and nonpastured woodland. Woodland refers to all farm wood lots or timber tracts, natural or planted, and to cutover land with young growth which has or will have value as wood or timber.

#### Holdings

**Type of holding**—The purpose of the items under this heading was to classify holdings according to whether they were producing mainly for home consumption or mainly for sale, and then to classify the holdings belonging to the latter category by the most important types of agricultural production.

The first classification is based on the destination of the agricultural output of the holding during the year in question. Agricultural output refers to that which is left over after rent has been paid to the landlord and/or that which remains after deduction of the produce used on the holding for further agricultural production; for example, forage or seed.

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

**Holdings with production mainly for sale**—This applies to holdings where more than 50 percent of the agricultural output of the holding is produced for sale. These holdings producing mainly for sale were classified further according to their most important activity:

- a. *Crop holding*—More than 50 percent of the value of the sales of the holding was from the sale of crops.
- b. *Livestock and/or poultry holding*—More than 50 percent of the value of the sales of the holding was from the sale of livestock or poultry and their products.
- c. *Mixed holding*—No one of the above items accounts for more than 50 percent of the value of sales of the holding.
- d. *Other holding*—This group includes holdings not belonging to any of the previous groups.

#### Crops

**Hectares of crops harvested**—The area for individual crops was reported in terms of hectares and hundredths of hectares harvested. When two or more crops, or two or more plantings of the same crop were harvested from the same land, the area was to be reported for each separate crop or planting. The hectares reported for vegetables and field crops relate only to the hectares harvested in 1969.

For fruits, nuts, and tree crops, the figures for number of trees and plants relate to the number of all ages at the time of the enumeration.

**Quantity of crops harvested**—Data for quantity harvested were obtained for vegetables, field crops, and for fruits and nuts. Total quantities of each crop harvested were to be reported, whether the crops were for home use or for sale.

**Unit of measure**—All quantities harvested were to be reported in pounds; except for pineapples, which are reported in number of fruits.

#### Livestock and Poultry

**Inventories**—Enumerators were instructed to report the number of livestock and poultry on the farm at the time the questionnaire was filled.

All livestock and poultry were to be enumerated on the place where they were at the time of enumeration, regardless of who owned them. Livestock on unfenced land were to be reported as being on the place where the person who had control over them had his headquarters.

**Cattle and calves**—"Milk cows" were defined as cows that had been milked at any time during the preceding 12 months. All other cows were to be included in the report for "other cattle and calves."

**Sales of chickens and chicken eggs**—Data on sales of chickens of all ages and of chicken eggs were for the year 1969. Only the quantities sold were to be reported. No questions were asked about the value of the sales.

#### Workpower

**Source and ownership of workpower**—Sources of workpower refers to those sources used only for agricultural activities on the place in 1969, 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. In cases 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. The dwelling, in such cases, 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 as living on the farm operated.

**Year began operating present farm**—Enumerators were instructed to report the year during which a farm operator began to operate his present farm. The year was intended to refer to the first year of the period during which the operator had been in continuous charge of his present farm or of any part of it.

**Age of operator**—For the 1970 census, farm operators were classified by age into six age groups. The average age of farm operators was derived from the sum of the ages of all farm operators reporting age divided by the number of operators reporting.

**Work off farm**—The extent to which farm operators rely on nonfarm sources for part of their income is indicated by the number of days worked off the farm during 1969.

## **Classification of Farms**

**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 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 entire land holding to be one unit rather than several separate units.

**Farms by tenure of operator**—In the 1970 census, farms were classified by tenure of operator on the basis of data reported for land owned, land rented from others, or worked on shares for others.

During the processing operations for the 1970 census, 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 defined as follows:

- a. Full owners operate only land they own.
- b. Part owners operate land they own and also land they rent from others.
- c. Tenants rent from others or work on shares for others all the land they operate.



# Report Form

Budget Bureau No. 41-S69059; Approval Expires December 1970

FORM 69-A1 (TT) (10-14-69)	U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	Fill this questionnaire if any member of the household harvested (or gathered) any crops or vegetables during 1969, or now has 10 or more fruit or nut trees or plants, or any livestock or 5 or more poultry.
<b>CENSUS OF AGRICULTURE - 1970</b> <b>UNITED STATES TRUST TERRITORY OF THE PACIFIC ISLANDS</b>		Questionnaire number →

**Section 1 - OPERATOR**

1. What is your name (the operator)? . . .	Full name
2. What is your address? . . . . . (Give the address where the operator receives correspondence)	Address

**Section 2 - LAND IN AGRICULTURE**

	None	Hectares	Hundredths
3. How many hectares do you own? . . . . .	<input type="checkbox"/>		
4. How many hectares do you rent from others? - Include land used rent free. . . . .	<input type="checkbox"/>		
a. What is the name of the owner of the land? - Full name _____			
5. How many hectares do you rent to others? - Include land for which no rent is received. . . . .	<input type="checkbox"/>		
6. <b>TOTAL AREA OF THIS PLACE</b> (To obtain total area of this place, add questions 3 and 4 and subtract from this total the entry in question 5.) →			
7. How many separate tracts or pieces of land or plantations are represented in the "Total area of this place?"			Number of pieces
8. Is this holding producing mainly for - (Mark one)			
a. <input type="checkbox"/> Home consumption? - (Go to Section 3)      b. <input type="checkbox"/> Sale?			
9. If producing mainly for sale, is it a - (Mark one)			
a. <input type="checkbox"/> Crop holding?    c. <input type="checkbox"/> Mixed holding?			
b. <input type="checkbox"/> Livestock and/or poultry holding?                      d. <input type="checkbox"/> Other?			

**Section 3 - CROPS HARVESTED IN 1969**

VEGETABLES AND FIELD CROPS Were any of these crops harvested last year?	None	How much was harvested in 1969?		How many hectares were harvested in 1969?	
		Pounds		Hectares	Hundredths
10. Taro . . . . .	<input type="checkbox"/>				
11. Yams . . . . .	<input type="checkbox"/>				
12. Sweet potatoes . . . . .	<input type="checkbox"/>				
13. Sugarcane . . . . .	<input type="checkbox"/>				
14. Cassava . . . . .	<input type="checkbox"/>				
15. Cotton . . . . .	<input type="checkbox"/>				
16. Rice . . . . .	<input type="checkbox"/>				
17. Tomatoes . . . . .	<input type="checkbox"/>				
18. Corn . . . . .	<input type="checkbox"/>				
19. Melons . . . . .	<input type="checkbox"/>				
20. Eggplant . . . . .	<input type="checkbox"/>				
21. Other crops - Specify →	<input type="checkbox"/>				

## Report Form—Continued

Section 3 – CROPS HARVESTED IN 1969 – Continued			
<p><b>FRUITS, NUTS, AND TREE CROPS</b>  <i>Quantity harvested in 1969 and number of trees or plants on this place</i>                      Which of the following fruits, nuts, or tree crops were harvested last year or are on this place now?</p>	None	How much was harvested in 1969?	How many plants or trees (all ages) are on this place? Number
22. Avocados .....	<input type="checkbox"/>	Pounds	
23. Bananas .....	<input type="checkbox"/>	Pounds	Hills
24. Coffee .....	<input type="checkbox"/>	Pounds	
25. Mandarin oranges .....	<input type="checkbox"/>	Pounds	
26. Breadfruits .....	<input type="checkbox"/>	Pounds	
27. Coconuts .....	<input type="checkbox"/>	Pounds	
28. Mangoes .....	<input type="checkbox"/>	Pounds	
29. Pineapples .....	<input type="checkbox"/>	Fruits	
30. Cacao .....	<input type="checkbox"/>	Pounds	
31. Black pepper .....	<input type="checkbox"/>	Pounds	
32. Other fruits, nuts, or tree crops – <i>Specify</i> → _____	<input type="checkbox"/>	Unit	
	<input type="checkbox"/>	Unit	
Section 4 – LAND USE			
<p>Of the total hectares in this place (question 6) –</p>	None	Hectares	Hundredths
33. How many hectares are in crops? .....	<input type="checkbox"/>		
34. How many hectares are in other cropland (cropland pasture, crop failure, idle and fallow land, etc.)? .....	<input type="checkbox"/>		
35. How many hectares are in pastureland? .....	<input type="checkbox"/>		
36. How many hectares are in other land? .....	<input type="checkbox"/>		
37. <b>TOTAL LAND</b> ( <i>Add entries in questions 33 through 36. This total should be equal to the entry in question 6.</i> ) →			
Section 5 – LIVESTOCK AND POULTRY			
<p>How many of the following livestock and poultry are on this place on enumeration day?</p>	None	Number	
38. Carabaos of all ages .....	<input type="checkbox"/>		
39. Cattle and calves of all ages .....	<input type="checkbox"/>		
Of this total, how many are –			
a. Milk cows .....	<input type="checkbox"/>		
b. All other cattle and calves .....	<input type="checkbox"/>		
( <i>The sum of questions "a" and "b" must equal the total for question 39.</i> )			
40. Hogs and pigs of all ages .....	<input type="checkbox"/>		
41. Goats and kids of all ages .....	<input type="checkbox"/>		
42. Horses, mules, and colts of all ages .....	<input type="checkbox"/>		
43. Chickens of all ages .....	<input type="checkbox"/>		
44. Other poultry of all ages (ducks, pigeons, guineas, geese, etc.) – <i>Specify</i> → _____ _____	<input type="checkbox"/>		
		Sold in 1969	
		None	Quantity
45. How many chickens of all ages were sold during last year? .....	<input type="checkbox"/>		
46. How many dozens of chicken eggs were sold during last year? .....	<input type="checkbox"/>		

## Report Form—Continued

Section 6 – SOURCE AND OWNERSHIP OF WORKPOWER USED ON THIS PLACE IN 1969						
<b>47. What source of workpower was used on this place last year?</b> a. Mechanical power <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Check "Yes" box if any agricultural work was done on this place by some machine or machines propelled or operated by petroleum, oil, gas, steam, water, wind, or electricity.)</i> b. Animal power <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Check "Yes" box if any agricultural work was done on this place by horses, mules, burros, oxen, carabaos, or any other animal.)</i>						
<b>48. Who owned the following source of power?</b>						
	You (the operator)	You and another person jointly	Your landlord	A private contractor	A government agency	Power not used
a. Tractors .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Other mechanical power .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Animal power .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Section 7 – OPERATOR CHARACTERISTICS						
<i>All these questions are related to the farm operator</i>						
<b>49. Do you live on this place?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No						
<b>50. In what year did you begin to operate this place?</b> .....						Year
<b>51. How old were you on your last birthday?</b> .....						Years old
<b>52. What is your main occupation?</b> a. <input type="checkbox"/> Agricultural      b. <input type="checkbox"/> Non-agricultural						
<b>53. How many days did you work off this place in 1969?</b> <input type="checkbox"/> None <input type="checkbox"/> 1 to 99 days <input type="checkbox"/> 100 to 199 days <input type="checkbox"/> 200 or more days						
Section 8 – ENUMERATOR'S RECORD						
<i>To be filled by the Census enumerator</i>						
<b>54. Who furnished the information in this report?</b> <input type="checkbox"/> Operator <input type="checkbox"/> Wife or member of the operator's family <input type="checkbox"/> Landlord <input type="checkbox"/> Hired laborer <input type="checkbox"/> Other – Specify _____						
Remarks – <i>Make any remarks needed in regard to the place, the owner or operator, the crops cultivated, or the livestock on this place.</i> _____ _____ _____ _____ _____ _____ _____ _____ _____ _____						
Island			District		Enumeration District Number	
Municipality				Village		
Certified by (Enumerator)					Date	
Checked by (Crew leader)					Date	