**AC Form 2 - Holding**

# GOVERNMENT OF TONGA
## Ministry of Agriculture and Forestry and Statistics Department

# AGRICULTURE CENSUS 2001

### Confidentiality Statement

*The information is being collected under the Statistics Act 1978 and will be kept strictly confidential and will be used for statistical purposes only.*

## GEOGRAPHIC IDENTIFICATION AND OTHER RELEVANT INFORMATION

Division/District:

Village:

Block Number:

Household Number:

Holding Number:

Note: Same as the codes in the Household Form.

### LOCATION OF THE HOLDING

District:

Village:

Name of Operator(s): _____

Note: This should be consistent with Section IV of the Household Form.

## H1. PARCEL DETAILS *(during the past twelve months)*

| Parcel Number | Location | | Total Area | | Land Tenure (Code) | Main Land Use (Code) | Length of Use/Fallow* | |
|---|---|---|---|---|---|---|---|---|
| | District (Code) | Village (Code) | Whole Acres | Fraction of Acres | | | Years | Months |
| (1) | (2a) | (2b) | (3) | (3a) | (4) | (5) | (6) | (7) |
| 01 | | | | | | | | |
| 02 | | | | | | | | |
| 03 | | | | | | | | |
| 04 | | | | | | | | |
| 05 | | | | | | | | |
| 06 | | | | | | | | |
| 07 | | | | | | | | |
| 08 | | | | | | | | |
| 09 | | | | | | | | |
| 10 | | | | | | | | |
| TOTAL | | | | | | | | |

Codes for Land Tenure (Column 4)
1  Legal owned
2  Formal leased
3  Rented (payment in cash/kind)
4  Used with permission of owner (free)
5  Others (specify)
   _____
9  Not Stated/Unknown
* Cols. 6 & 7 as of day of enumeration

Codes for Land Use (Column 5)
1  Land under annual crops
2  Land under perennial crops
3  Land under mixed crops
4  Land under preparation for planting
5  Land under fallow (5 years or less)
6  Land under bush/forest growth (more than 5 yrs. idle)
7  Land under livestock
8  Land under non-agriculture use
9  Not Stated/ Unknown

## H2. Agricultural Income and Loan

(1) What is the proportion of your household's total income (in cash/in kind) usually derived from agricultural activities during the past twelve months? *(Circle the appropriate code for the answer and enter it in the box provided.)*

| | | | | | |
|---|---|---|---|---|---|
| 1 | About 1/8 | 4 | About ½ | 9 | Not Stated |
| 2 | About ¼ | 5 | About ¾ | | |
| 3 | About 1/3 | 6 | All | | |

(2) Did you or any member of your household avail loan(s) for your agricultural activities in this holding in the last five years? *(Circle "1" for YES or "2" for NO. Then enter the code in the box provided.)*

1   YES                    2   NO ➔ *Go to H3*

(2a) What was the main source of loan(s) that you availed for your agricultural activities in this holding in the last five years? *(Circle the appropriate code for the answer and enter it in the box provided.)*

| | | | |
|---|---|---|---|
| 1 | Tonga Development Bank | 4 | Other Sources |
| 2 | Other Banks | 9 | Not Stated |
| 3 | Exporters | | |

## H3. LABOUR INPUTS *during the past month (for persons 15 years old and over)*

| Line No. | Mem-bership Status | Sex | Age | Type of Labor | Hours Worked in the holding last week | If Code 1 in Column 5 | | Other Occupation | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Wages Per Month (T$) | Other Benefits Received | Industry Code | Status (if Code 1 or 2) |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (9a) |
| 1.Optr. | | | | | | | | | |
| 2. | | | | | | | | | |
| 3. | | | | | | | | | |
| 4. | | | | | | | | | |
| 5. | | | | | | | | | |
| 6. | | | | | | | | | |

| Codes for Mem-bership (Col. 2):<br>1 – household<br>2 – non-household | Codes for Sex: (Col. 3)<br>1 – Male<br>2 – Female | Codes for Type of Labor ( Col.5):<br>1 – Paid<br>2 – Unpaid | Codes for Other Benefits (Col.8):<br>1 – Meals only<br>2 – Housing only<br>3 – Others | Other Occ. Codes (Col. 9):<br>1 – agriculture, fisheries<br>   & forestry<br>2 – Other industry<br>3 – none | Status Codes (Col. 9a):<br>1 – Fulltime<br>2 – Part time |
|---|---|---|---|---|---|

Did you or your household hire and use any Group Labor on this holding in the last month? *(Circle "1" for YES and "2" for NO and enter the code in the box provide.)*

1   YES                    2   NO ➔ *Go to H4*

| Selected Information | Male | Female | Total |
|---|---|---|---|
| (1) | (2) | (3) | (4) |
| Number of laborers | | | |
| Average number of days worked | | | |
| Average hours worked/day | | | |

## H4. USE OF FERTILIZERS AND AGRICULTURAL CHEMICALS
### *(during the past twelve months)*

(1) Did you or your household use any inorganic fertilizers in this holding in the past twelve months? *(Circle "1" for YES or "2" for NO and enter the code in the box provided.)*

<div style="text-align:center">1   YES          2   NO</div>

(2) Did you or your household use any organic fertilizers in this holding in the past twelve months? *(Circle "1" for YES or "2" for NO and enter the code in the box provided.)*

<div style="text-align:center">1   YES          2   NO</div>

(3) Did you or your household use any agricultural chemicals in this holding in the past twelve months? *(Circle "1" for YES or "2" for NO and enter the code in the box provided.)*

<div style="text-align:center">1   YES          2   NO ➜ *Go to H5*</div>

(4) If Yes, specify the crops of this holding and agricultural chemicals

| Line No. | Name of Crop | Code | Chemical Used (Enter Code) | Line No. | Name of Crop | Code | Chemical Used (Enter Code) |
|---|---|---|---|---|---|---|---|
| (1) | (2) | (2a) | (3) | (1) | (2) | (2a) | (3) |
| 1 | | | | 5 | | | |
| 2 | | | | 6 | | | |
| 3 | | | | 7 | | | |
| 4 | | | | 8 | | | |

Codes for Col. 3:   1   Insecticide        2   Herbicide        3   Others        9   Unknown

## H5. EQUIPMENT USED (during the past twelve months)

Did you or your household use any equipment in this holding during the past twelve months? *(Circle "1" for YES or "2" for NO and enter the code in the box provided.)*

<div style="text-align:center">1   YES          2   NO ➜ *Go to H6*</div>

| Type of Equipment | Code | Number Owned (as of time of visit) | Hired 1 – YES/2 – NO | Borrowed 1 – YES/2 – NO |
|---|---|---|---|---|
| (1) | (1a) | (2) | (3) | (4) |
| Tractor | 01 | | | |
| Rotary Hoe | 02 | | | |
| Copra Dryer | 03 | | | |
| Knapsack Sprayer | 04 | | | |
| Mist Blower | 05 | | | |
| Weed Eaters | 06 | | | |
| Chainsaw | 07 | | | |
| Irrigation Water Pump | 08 | | | |
| Electric Generator | 09 | | | |
| Pick Up Truck | 10 | | | |
| Others (Specify) | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## H6. AGRO-FORESTRY ON THE HOLDING *(as of the time of visit)*

(1) Did you or your household plant trees/shrubs in this holding for multi-purposes? *(Circle "1" for YES or "2" for NO and enter the code in the box provided..)*

   ▼————— 1  YES           2  NO ➜ *Go to Section H7*

(2) If yes, what are the different trees/shrubs planted in this holding and how do you use these trees/shrubs? *(Enter the code of the trees in col. 1a and the codes of uses in col. 2. Col. 2 accepts multiple entries.)*

| Name of Trees/Shrubs | Code | Uses (Codes) | Name of Trees/Shrubs | Code | Uses (Codes) |
|---|---|---|---|---|---|
| (1) | (1a) | (2) | (1) | (1a) | (2) |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Codes for Uses (Col. 2)
1 Source of food (human/animal) and/or income
2 Support for crops
3 Soil improvement and protection
4 Timber (houses, fences, pole, etc.)
5 Fuel
6 Shade/shelter/ windbreaks
7 Boundaries
8 Handicrafts
9 Other uses

## H7. HANDICRAFT MAKING *(during the past twelve months)*

(1) Did you or any member of your household engage in handicraft making in the past twelve months? *(Circle "1" for YES or "2" for NO and enter the code in the box provided.)*

   ▼————— 1  YES           2  NO ➜ *Go to AC Form 3 - Parcel Form*

(2) How many household members were engaged in this activity in the past twelve months? *(Enter the answer in the boxes below.)*

Male ☐☐     Female ☐☐     Total ☐☐

(3) What proportion of raw materials for making handicrafts was taken from this holding? *(Circle the code appropriate for the answer and enter it in the box provided.)*

1  None    2  ¼    3  ½    4  ¾    5  All

(4) What proportion of raw materials for making handicrafts did your household buy? *(Circle the code appropriate for the answer and enter it in the box provided.)*

1  None    2  ¼    3  ½    4  ¾    5  All

(5) What proportion of handicrafts made by your household was sold? *(Circle the code appropriate for the answer and enter it in the box provided.)*

1  None    2  ¼    3  ½    4  ¾    5  All

**GO TO CA Form 3 – Parcel Form**