

## APPENDICES

# Appendix 1

## Publications on World Programme for the Census of Agriculture

### WCA 2010 ROUND

- A System of integrated agricultural censuses and surveys – Vol.1. World Programme for the Census of Agriculture 2010, *FAO Statistical Development Series 11*. Rome, 2005.

### WCA 2000 ROUND

- 2000 World Census of Agriculture – Main Results and Metadata by Country (1996-2005), *FAO Statistical Development Series 12*. Rome.
- 2000 World Census of Agriculture – Analysis and International Comparison of the Results (1996-2005), *FAO Statistical Development Series 13*. Rome, (Forthcoming).
- 2000 World Census of Agriculture – Methodological Review, *FAO Statistical Development Series 14*. Rome, (Forthcoming).
- Supplement to the Programme for the World Census of Agriculture 2000 – Guidelines on employment, *FAO Statistical Development Series 5a*. Rome, 1997.
- Supplement to the Programme for the World Census of Agriculture 2000 – Guidelines on the collection of structural aquaculture statistics, *FAO Statistical Development Series 5b*. Rome, 1997.
- Programme for the World Census of Agriculture 2000, *FAO Statistical Development Series 5*. Rome, 1995.

### WCA 1990 ROUND

- Report on the 1990 World Census of Agriculture – Methodological Review. *Internal document*. FAO, Rome.
- Supplement to the Report on the 1990 World Census of Agriculture – International comparison and primary results by country (1986–1995), *FAO Statistical Development Series 9a*. Rome, 2001.
- Report on the 1990 World Census of Agriculture – International comparison and primary results by country (1986 – 1995), *FAO Statistical Development Series 9*. Rome, 1997.
- Programme for the 1990 World Census of Agriculture – Supplement for Africa, *FAO Statistical Development Series 2e*. Rome, 1992.
- Programme for the 1990 World Census of Agriculture – Supplement for Asia and Pacific, *FAO Statistical Development Series 2d*. Rome, 1990.
- Programme for the 1990 World Census of Agriculture – Supplement for Near East, *FAO Statistical Development Series 2c*. Rome, 1990.
- Programme for the 1990 World Census of Agriculture – Supplement for Europe, *FAO Statistical Development Series 2b*. Rome, 1989.
- Programme for the 1990 World Census of Agriculture – Microcomputer- based data processing, *FAO Statistical Development Series 2a*. Rome, 1987.
- Programme for the 1990 World Census of Agriculture, *FAO Statistical Development Series 2*. Rome, 1986.

### WCA 1980 ROUND

- 1980 World Census of Agriculture – Methodological Review. FAO, Rome, 1992.
- Report on the 1980 World Census of Agriculture – Results by Countries – Census Bulletins 1-28. FAO, Rome, 1983-1989.
- Programme for the 1980 World Census of Agriculture. FAO, Rome, 1976.

### WCA 1970 ROUND

- 1970 World Census of Agriculture – Analysis and International Comparison of the Results. FAO, Rome, 1981.
- Report on the 1970 World census of Agriculture. FAO, Rome, 1978
- Report on the 1970 World Census of Agriculture – Results by Countries – Census Bulletins 1-30. FAO, Rome, 1973–1981.
- Program for the 1970 World Census of Agriculture – Regional Program for America. FAO, Rome, 1969.
- Program for the 1970 World Census of Agriculture – Regional Program for Europe. FAO, Rome, 1967.
- Program for the 1970 World Census of Agriculture – Regional Program for Africa. FAO, Rome, 1967.
- Program for the 1970 World Census of Agriculture – Regional Program for Asia. FAO, Rome, 1967.
- Program for the 1970 World Census of Agriculture – Regional Program for Near East. FAO, Rome, 1967.
- Program for the 1970 World Census of Agriculture. FAO, Rome, 1965

### WCA 1960 ROUND

- Report on the 1960 World Census of Agriculture – Vol. V: Analysis and International Comparison of Census Results. FAO, Rome, 1971.
- Report on the 1960 World Census of Agriculture – Vol. II: Programme, Concepts and Scope. FAO, Rome, 1969.
- Report on the 1960 World Census of Agriculture – Vol. III: Methodology. FAO, Rome, 1969.
- Report on the 1960 World Census of Agriculture – Vol. IV: Processing and Tabulation. FAO, Rome, 1968.

- Report on the 1960 World Census of Agriculture – Vol. 1a, 1b, 1c: Census Results by Countries. FAO, Rome, 1967-1970.
- Programme for the 1960 World Census of Agriculture. FAO, Rome, 1957.

#### **WCA 1950 ROUND**

- Report on the 1950 World Census of Agriculture – Special Reports: World Agricultural Structure. FAO, Rome, 1961.
- Report on the 1950 World Census of Agriculture – Vol. I: Census Results by Countries. FAO, Rome, 1955.
- Programme for the 1950 World Census of Agriculture. Washington, 1948.

#### **WCA 1940 ROUND**

- Programme of the World Agricultural Census of 1940, *International Institute of Agriculture (IIA)*. Rome, 1938.

#### **WCA 1930 ROUND**

- The First World Agricultural Census (1930) – Vol. II, III, IV, V: Country Results, *International Institute of Agriculture (IIA)* Rome, 1939.
- The First World Agricultural Census (1930) – Vol. I: Standard form, Methodological Study, Notes on tabulation of the census results, *International Institute of Agriculture (IIA)*. Rome, 1939.

## Appendix 2 - Country Practices on Including Additional Agricultural Items in the Population and Housing Censuses

Following the recommendations of the United Nations Statistics Division (UNSD) on the Population and Housing Census most countries collect basic data on occupation, industry and status in employment for all persons in the households as part of their population census. This information could be useful in identifying the potential households where one or more member(s) may be operating an agricultural or aquaculture holding(s). However, when combined with information on existence of productive agricultural or aquaculture assets in the household, it gives more definitive identification of households with associated agricultural/aquaculture holding(s). Once a list of agricultural holdings (frame) is developed using the data from population census, it could be made more precise during the field operation of agricultural census by identifying the cases where there are "more than one holding within a household" or "many households operate a joint holding". Thus the use of population census data to establish a frame for agricultural census avoids the duplication of efforts involved in carrying out a fresh field operation for listing the holdings. Designing an agricultural census based on population census data also avoids the need to collect demographic data again in the agricultural census.

The table below, based on a study of population census questionnaires available on the UNSD website, provides example of agriculture related questions asked in the recent population censuses. It is recognized that some countries might have used separate agricultural supplements which are not covered in the examples quoted here.

<b>WCA 2000 ROUND</b>	
<b>COUNTRY (CENSUS YEAR): RESPONDENT</b>	
<b>ALBANIA (2001): HOUSEHOLD</b>	
Q1. Do you own agricultural land? (Yes/No)	
Q2. If yes, who is the land cultivated by? <i>(1) Yourself (2) Others (3) Not cultivated</i>	
<b>BANGLADESH (2001): HOUSEHOLD</b>	
Q1. What is the household's main field of economic activity? <i>(1) Agriculture/forestry/animal husbandry (2) Fishing (3) Agricultural labour.</i>	
<b>BELIZE (2000): PERSON</b>	
Q1. Do you own any land for farming? (Yes/No)	
<b>BOTSWANA (2001): HOUSEHOLD</b>	
Q1. Does any member of this household own any of the following livestock? <i>(1) Cattle (2) Goats (3) Sheep (4) Pigs (5) Poultry (6) Donkeys/horse</i>	
Q2. Does any member of this household plant any of the following crops during the agricultural season? <i>(1) Maize (2) Millet (3) Sorghum (4) Beans (5) Other crops</i>	
Q3. Does this household own the land used for planting and/or grazing? (Yes/No)	
Q4. How was the land used for planting and/or grazing acquired?	
Q5. Since 1999, did household members receive cash from sale of? <i>(1) Cattle (2) Goats/sheep (3) Poultry (4) Maize (5) Sorghum/millet</i>	

<b>COOK ISLAND (2001): HOUSEHOLD/ PERSON</b>
Q1. What agricultural activity is the household engaged in? <i>(1) Mainly subsistence (2) Mainly commercial (3) No agricultural activity</i>
Q2. What fishing activity is the household engaged in? <i>(1) Mainly subsistence (2) Mainly commercial (3) No fishing activity</i>
Q3. How many livestock or pets are raised by your household? <i>(1) Pigs (2) Goats (3) Cattle</i>
Q4. How many items of farm machinery are owned by members of this household? <i>(1) Tractors (2) Rotary hoes.</i>
Q5. How many items of fishing equipment are owned by members of this household? <i>(1) Spear gun (2) Canoe</i>
Q6. How have your land right been determined by the land court? <i>(1) By succession (2) Sole occupation (3) Joint occupation (4) Lease/-Sub -lease</i>
<b>CYPRUS (2001): HOUSEHOLD</b>
Q1. Is there a person in this household who is a holder or rents or cultivates agricultural land (arable or non arable) or operates an animal farm? (Yes/No).
<b>FIJI (1996): HOUSEHOLD</b>
Q1. Did anyone in the household earn money from the following activities? <i>(1) Producing cash crops (2) Raising livestock (3) Catching/collecting fish products</i>
<b>MAURITIUS (2000): HOUSEHOLD</b>
Q1. Fruit trees of bearing age on premises <i>(1) Peach (2) Bibasse.</i>
<b>NEPAL (2001): HOUSEHOLD</b>
Q1. Is any agricultural land possessed by the household? (Yes/No)
Q2. If yes, what is the area by land type?
Q3. Does your household raise livestock or poultry? (Yes/No)
Q4. If yes, how many livestock/poultry does your household raise? <i>(1) Livestock (2) Poultry</i>
<b>OCCUPIED PALESTINIAN TERRITORY (1997): HOUSEHOLD</b>
Q1. Identification of holdings and holders.
Q2. Area of holding.
Q3. Type of holding: <i>(1) Crops (2) Livestock (3) Both livestock and crops</i>
<b>PAPUA NEW GUINEA (2000): HOUSEHOLD</b>
Q1. Does this household grow/raise any of the following: <i>(1) Cocoa (2) Coffee (3) Pigs.</i> (Data collected according to whether it is for cash or own consumption)

<b>POLAND (2002): HOUSEHOLD/PERSONS</b>
Q1. What is the main source of maintenance of the household? (19 categories)
Q3. Are you a holder of an agricultural farm (plot) or are you a member of a household with an agricultural farm (plot)?
Q4. How many months did you work in your agricultural farm/plot in the last twelve months?
Q5. If holder, what is the size of the farm/plot?
<b>SEYCHELLES (1997): HOUSEHOLD</b>
Q1. Did this household farm in the last twelve months? (Yes/No)
Q2. Did this household sell agricultural products in the last twelve months? (Yes/No)
Q3. What was the main purpose of agricultural production? (1) For sale (2) Sale of surplus
Q4. Did this household rear any livestock in the last twelve months? (Yes/No)
Q5. What was the main purpose of livestock production? (1) For sale (2) Sale of surplus
<b>SIERRA LEONE (2004): HOUSEHOLD</b>
Q1. What is the area of each crop grown? (1) Upland rice (2) Lowland rice
Q2. What is the livestock owned by household members? (1) Cattle (2) Sheep
<b>UGANDA (2003): HOUSEHOLD</b>
Q1. Does any member of this household engage in the following? (1) Crop growing (2) Livestock rearing (3) Poultry keeping (4) Fishing farming
Q2. If yes, what is the size of the holding?
Q3. Did this household grow crops during the last season (January –June 2002) (Yes/No)
Q4. If yes to crop growing, how many plots where used for growing each type of crop? (1) Pure stand (2) Mixed crop
Q5. If yes to livestock raising, how many of each type of livestock were there on the enumeration day?
Q6. If yes to poultry keeping, for each poultry type what was the average poultry reared per month in the last three months?
Q7. If yes to fish farming, how many fish ponds are there by type?
<b>ZAMBIA (2000): HOUSEHOLD</b>
Q1. Did your household engaged directly in agricultural activity; that is crop growing, livestock and poultry raising, and fish farming, since 1 July 1999? (Yes/No).
Q2. If yes, on your holding which of the following crops did you grow since 1 July 1999? (1) Cattle (2) Sorghum (3) Millet.
Q3. On your holding which of the following livestock did you raise 1 July 1999?
Q4. Did your agricultural enterprise include fish farming since 1 July 1999? (Yes/No).

**WCA 2010 ROUND****COUNTRY (CENSUS YEAR): RESPONDENT****BURKINA FASO (2007): HOUSEHOLD**

Q1. Whether the household grows specific annual crops  
(Yes/No for wet season and dry season for each crop)

Q2. Whether the household grows horticultural crops  
(Yes/No for wet season and dry season for each crop)

Q3. Number of fruit trees of different types.

Q4. Whether the household practices different types of silviculture (Yes/ No for each crop)

Q5. Whether the household practices fisheries (Yes/ No for fish/prawns and frogs).

Q6. Number and type (traditionally farmed, nomadic, intensively farmed) of specific livestock groups.

Q7. Number of drought animals by type.

Q8. Number of items of specific types of machinery owned.

Q9. Whether a member of the household belongs to a farmer's association (Yes/No).

**CANADA (2006): HOUSEHOLD**

Q1. Is anyone in this household a farm operator who produces at least one agricultural product  
intended for sale? (Yes/ No).

Q2. Does this farm operator make day to day decisions related to the farm? (Yes/No).

**The Programme for World Census of Agriculture 2000 was the sixth prepared by FAO for encouraging countries to undertake an agricultural census with standardized international concepts, definitions and methodologies.**

**The programme covered the censuses carried out during the decade (1996 – 2005). Some 122 countries carried out an agriculture census during the decade and 114 countries made available their census reports to FAO.**

**This publication reports the main results on structure of agriculture as defined by the holding characteristics, gender, land tenure and land use, crops, livestock, etc., and the metadata on agricultural censuses of the countries.**

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