

CHAPTER 4

LIST OF ITEMS FOR THE CENSUS OF AGRICULTURE

This chapter contains recommended items for inclusion in the census of agriculture according to their suitability for the core and supplementary modules. The supplementary items are presented under 12 headings or themes, corresponding to areas of interest for the census supplementary modules. The reference group for each theme is shown, along with cross-references to the concepts and definitions in Chapter 11.

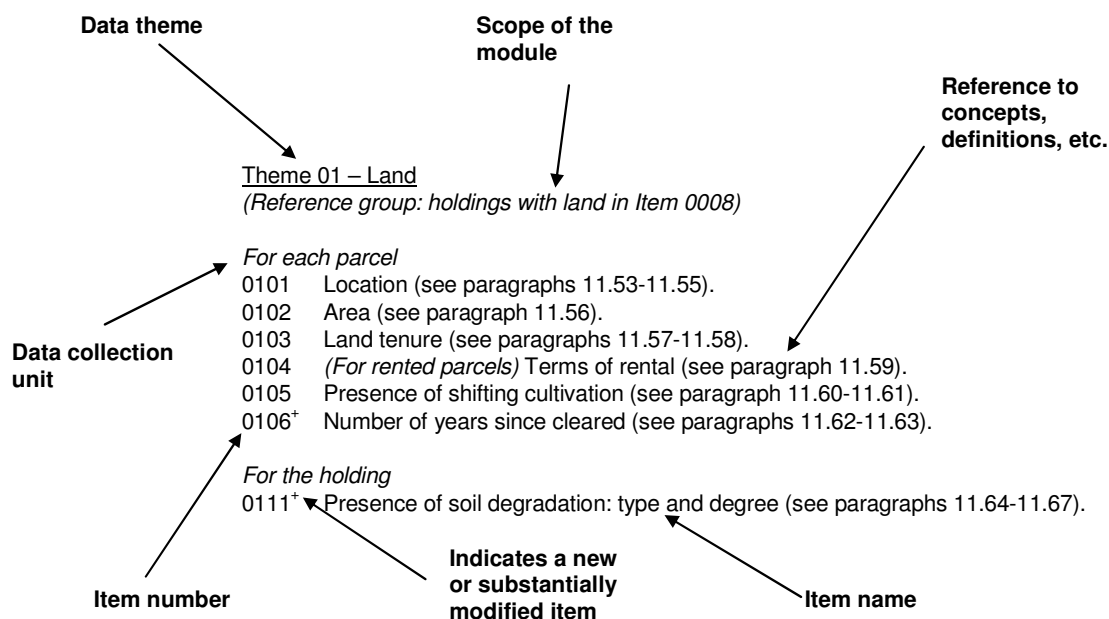
Introduction

4.1. This chapter lists the recommended items for the census of agriculture. The list has been prepared by FAO based on experiences of countries with previous agricultural censuses, taking into account agricultural issues and problems faced by countries. The chapter relates only to the core and supplementary modules; items for the community survey are shown in Chapter 5.

4.2. As discussed in Chapter 1, agricultural censuses for the 2010 round are to be carried out using a modular approach, with a core census module based on complete enumeration to provide key data, and one or more census supplementary modules to cover more in-depth topics. In this chapter, items are presented under two headings: (i) items recommended for inclusion by all countries in the core census module; and (ii) items to be considered by countries for inclusion in the census supplementary modules. The supplementary items are presented under 12 headings or themes. For information on how countries will choose items for inclusion in their agricultural census, see paragraphs 3.16–3.21.

4.3. A guide to interpreting the list of items is shown in Figure 4.1. For the supplementary modules, the scope of each theme is shown in parenthesis under each heading. For example, the scope of a land supplementary module (Theme 01) would be “holdings with land”, as identified from Item 0008 in the core module. References to the applicable concepts and definitions in Chapter 11 are shown in parenthesis after each item. Items that are new or substantially modified are also highlighted.

Figure 4.1: Guide to the list of agricultural census items



Items recommended for the core module¹

- 0001 Identification and location of agricultural holding (see paragraphs 11.4–11.6).
- 0002⁺ Legal status of agricultural holder (see paragraphs 11.7–11.10).
- 0003 Sex of agricultural holder (see paragraphs 11.11–11.13).
- 0004 Age of agricultural holder (see paragraphs 11.14–11.16).
- 0005 Household size (see paragraphs 11.206–11.209).
- 0006 Main purpose of production of the holding (see paragraphs 11.173–11.175).
- 0007 Area of holding according to land use types (see paragraphs 11.20–11.39).
- 0008 Total area of holding (see paragraphs 11.40–11.45).
- 0009 Land tenure types on the holding (see paragraphs 11.46–11.52).
- 0010 Presence of irrigation on the holding (see paragraphs 11.68–11.72).
- 0011 Types of temporary crops on the holding (see paragraphs 11.91–11.94).
- 0012 Types of permanent crops on the holding and whether in compact plantations (see paragraphs 11.95–11.98).
- 0013 Number of animals on the holding for each livestock type (see paragraphs 11.148–11.152).
- 0014 Presence of aquaculture on the holding (see paragraphs 11.292–11.296).
- 0015⁺ Presence of forest and other wooded land on the holding (see paragraphs 11.312–11.313).
- 0016 Other economic production activities of the holding's enterprise (see paragraphs 11.17–11.19).

Items for consideration for the supplementary modules

Theme 01 – Land

(Reference group: holdings with land in Item 0008)

For each parcel

- 0101 Location (see paragraphs 11.53–11.55).
- 0102 Area (see paragraph 11.56).
- 0103 Land tenure (see paragraphs 11.57–11.58).
- 0104 *(For rented parcels)* Terms of rental (see paragraph 11.59).
- 0105 Presence of shifting cultivation (see paragraph 11.60–11.61).
- 0106⁺ Number of years since cleared (see paragraphs 11.62–11.63).

For the holding

- 0111⁺ Presence of soil degradation: type and degree (see paragraphs 11.64–11.67).

Theme 02 – Irrigation and water management

(Reference groups: Items 0201–0205 – holdings with irrigation in Item 0010; Item 0206 – holdings with temporary crops or permanent crops in Items 0011 and 0012; Item 0207 – holdings with land in Item 0008).

For the holding

- 0201⁺ Area of land irrigated according to land use type (see paragraphs 11.73–11.75).
- 0202⁺ Area irrigated according to method of irrigation (see paragraphs 11.76–11.79).
- 0203⁺ Area irrigated for each crop type (see paragraphs 11.80–11.81).
- 0204⁺ Sources of irrigation water (see paragraphs 11.82–11.83).
- 0205⁺ Payment terms for irrigation water (see paragraph 11.84).
- 0206⁺ Other types of water management practices (see paragraphs 11.85–11.88).
- 0207 Presence of drainage equipment (see paragraphs 11.89–11.90).

¹ If the agricultural census is conducted in conjunction with the aquacultural census, an additional core item on area of aquaculture by type of site is included (see paragraph 7.20).

Theme 03 – Crops

(Reference groups: Items 0301–0303 – holdings with temporary crops in Item 0011; Items 0311–0314 – holdings with permanent crops in Item 0012; Items 0321–0327 – holdings with temporary crops or permanent crops in Items 0011 and 0012).

For each temporary crop type

- 0301 Area of temporary crops harvested (see paragraphs 11.99–11.111).
- 0302⁺ (For selected crop types) Area of temporary crops harvested according to end-use (see paragraphs 11.112–11.114).
- 0303⁺ (For selected crop types) Production of temporary crops harvested (see paragraphs 11.115–11.116).

For each permanent crop type

- 0311 Area of productive and non-productive permanent crops in compact plantations (see paragraphs 11.117–11.121).
- 0312 (For tree crops) Number of permanent crop trees in compact plantations and scattered plantings (see paragraphs 11.122–11.123).
- 0313⁺ (For selected crop types) Area of productive permanent crops in compact plantations according to end-use (see paragraphs 11.124–11.125).
- 0314⁺ (For selected crop types) Production of permanent crops (see paragraph 11.126).

For the holding

- 0321⁺ Area of land used to grow temporary crops as a secondary land use (see paragraphs 11.127–11.129).
- 0322 Use of each type of fertilizer (see paragraphs 11.130–11.137).
- 0323⁺ Area fertilized for each type of fertilizer and major crop type (see paragraph 11.138).
- 0324⁺ Source of seed inputs for each major crop type (see paragraphs 11.139–11.140).
- 0325⁺ Type of seed for each major crop type (see paragraphs 11.141–11.143).
- 0326⁺ Area of nurseries (see paragraphs 11.144–11.145).
- 0327 Area of cropped land under protective cover (see paragraphs 11.146–11.147).

Theme 04 – Livestock

(Reference group: holdings with livestock in Item 0013)

For the holding

- 0401 Type of livestock production system (see paragraphs 11.153–11.155).
- 0402⁺ Use of veterinary services (see paragraphs 11.156–11.157).

For each livestock type

- 0411 Number of animals: age and sex (see paragraphs 11.158–11.160).
- 0412 Number of animals according to purpose (see paragraphs 11.161–11.162).
- 0413⁺ Number of milking animals according to milk status (see paragraph 11.163).
- 0414⁺ Number of animals born (see paragraph 11.166).
- 0415⁺ Number of animals acquired (see paragraph 11.167).
- 0416⁺ Number of animals slaughtered (see paragraph 11.168).
- 0417⁺ Number of animals disposed of (see paragraph 11.169).
- 0418⁺ Number of animals died from natural causes (see paragraph 11.170).
- 0419⁺ Types of feed (see paragraphs 11.171–11.172).

Theme 05 – Agricultural practices

(Reference group: all holdings)

For the holding

- 0501⁺ Use of agricultural pesticides (see paragraphs 11.176–11.177).
- 0502⁺ Use of good agricultural practices (see paragraphs 11.178–11.179).
- 0503⁺ Use of organic agricultural practices (see paragraphs 11.180–11.182).

- 0504⁺ Use of genetically modified crops according to crop type (see paragraph 11.183).
- 0505 Selected machinery and equipment used on the holding according to source (see paragraphs 11.184–11.186).
- 0506 Non-residential buildings according to use (see paragraphs 11.187)
- 0507⁺ Percentage of each major agricultural product sold (see paragraph 11.188).

Theme 06– Agricultural services

(Reference group: holdings in sector “single-holding household” in Item 0002)

For the holding

- 0601⁺ Receipt of credit for agricultural purposes (see paragraphs 11.189–11.191).
- 0602⁺ Source of credit (see paragraph 11.192).
- 0603⁺ Type of collateral for credit (see paragraphs 11.193–11.194).
- 0604⁺ Period of loan or credit (see paragraph 11.195).
- 0605⁺ Sources of agricultural information (see paragraphs 11.196–11.197).
- 0606⁺ Sources of agricultural extension services (see paragraphs 11.198–11.202).
- 0607⁺ Travelling time to nearest periodic or permanent agricultural produce market (see paragraphs 11.203–11.205).

Theme 07 – Demographic and social characteristics

(Reference group: holdings in sector “single-holding household” in Item 0002)

For the holding

- 0701⁺ Whether holding is part of an agricultural household (see paragraphs 11.210–11.214).
- 0702⁺ National/ethnic group of household head or agricultural holder (see paragraphs 11.215–11.216).

For each household member

- 0711 Sex.
- 0712 Age (see paragraph 11.217).
- 0713⁺ Relationship to household head or other reference person (see paragraphs 11.218–11.220).
- 0714 Marital status (see paragraphs 11.221–11.223).
- 0715 Educational attainment (see paragraphs 11.224–11.225).

Theme 08 – Farm labour

(Reference group: Items 0801–0814 – holdings in sector “single-holding household” in Item 0002; Items 0821–0823 – all holdings)

For each household member of working age

- 0801⁺ Activity status (see paragraphs 11.234–11.240).

For each economically active household member

- 0811⁺ Status in employment of main job (see paragraphs 11.241–11.246).
- 0812 Occupation of main job (see paragraphs 11.247–11.252).
- 0813⁺ Time worked in main job (see paragraphs 11.253–11.258).
- 0814⁺ Time worked on the holding (see paragraphs 11.253–11.258).

For the holding

- 0821 Number of employees on the holding: time worked and sex (see paragraphs 11.259–11.264).
- 0822⁺ Form of payment for employees (see paragraph 11.265).
- 0823⁺ Use of contractors for work on the holding according to type (see paragraphs 11.266–11.268).

Theme 09 – Household food security*(Reference group: holdings in sector “single-holding household” in Item 0002)**For the household*

- 0901⁺ (a) Whether household members could not afford to eat what they normally eat at any time during a twelve-month reference period.
 (b) Months in which food shortage occurred.
 (c) Reasons for food shortage.
 (d) How the household’s eating patterns were affected by food shortage.
 (e) Steps taken to alleviate food shortage.
 (see paragraphs 11.275–11.280).
- 0902⁺ Whether the household fears a food shortage during a future twelve-month reference period (see paragraphs 11.281–11.282).
- 0903⁺ Frequency of normally eating selected food products (see paragraphs 11.283–11.284).
- 0904⁺ Effects of natural disasters (see paragraphs 11.285–11.287).
- 0905⁺ Extent of loss of agricultural output due to natural disasters (see paragraphs 11.288–11.289).

For children aged under 5 years

- 0911⁺ Height and weight (see paragraphs 11.290–11.291).

Theme 10 – Aquaculture*(Reference group: holdings with aquaculture in Item 0014)**For the holding*

- 1001⁺ Area of aquaculture according to type of site (see paragraphs 11.297–11.300).
- 1002⁺ Area of aquaculture according to type of production facility (see paragraphs 11.301–11.306).
- 1003⁺ Type of water (see paragraphs 11.307–11.308).
- 1004⁺ Sources of water for aquaculture (see paragraph 11.309).
- 1005⁺ Type of aquacultural organism cultivated (see paragraphs 11.310–11.311).

Theme 11 – Forestry*(Reference group: holdings with forest and other wooded land in Item 0015)**For the holding*

- 1101 Area of forest and other wooded land as primary land use (see paragraph 11.314).
- 1102 Area of forest and other wooded land as a secondary land use on agricultural land (see paragraph 11.315).
- 1103⁺ Main purpose of forest and other wooded land (see paragraphs 11.316–11.317).
- 1104⁺ Whether agro-forestry is practised (see paragraphs 11.318–11.319).

Theme 12 – Management of the holding*(Reference group: holdings in sector “single-holding household” in Item 0002)**For each holding*

- 1201⁺ Identification of sub-holdings (see paragraph 11.320).
- 1202⁺ Identification of sub-holders (see paragraph 11.320).

For each sub-holding

- 1211⁺ Sex of sub-holder (see paragraphs 11.321–11.322).
- 1212⁺ Age of sub-holder (see paragraphs 11.321–11.322).
- 1213⁺ Area of crops managed for each crop group (see paragraphs 11.323–11.328).
- 1214⁺ Number of livestock managed for each livestock group (see paragraphs 11.325–11.328).

