Workshop on
World Programme for the Census of Agriculture 2020
Amman, Jordan
16-19 May 2016

Theme 1: Identification and General Characteristics
Technical Session 5

Oleg Cara
Agricultural Census and Survey Team
FAO Statistics Division
Contents

• Background

• **Items:** type, reference periods, importance of the item, concepts and special characteristics

• Country experiences
Background

Chapter 8 (Vol I) of the WCA 2020 is devoted to the description of themes and items for the census. The Programme encompasses 15 themes comprising 128 items.

In Theme 1, some items from Programmes previous to WCA 2010 were reintroduced:

- *Respondent for the agricultural holding*
- *Presence of hired manager*

Some items are new:

- *Proportion of income from holding’s agricultural production*
- *Main agricultural activity of the holding*
- *Sex of hired manager*
- *Age of hired manager*
### Theme 1: the list of items

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>0101</th>
<th>Identification and location of agricultural holding</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td></td>
<td>0102</td>
<td>Respondent for the agricultural holding</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>0103</td>
<td>Legal status of agricultural holder (type of holder)</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>0104</td>
<td>Sex of agricultural holder</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>0105</td>
<td>Age of agricultural holder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0106</td>
<td>National/ethnic group of household head or agricultural holder</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>0107</td>
<td>Main purpose of production of the holding</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>0108</td>
<td>Other economic activities of the household</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>0109</td>
<td>Proportion of income from holding’s agricultural production in household’s total income</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>0110</td>
<td>Main agricultural activity of the holding</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>0111</td>
<td>Presence of hired manager of the agricultural holding</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>0112</td>
<td>Sex of hired manager of the agricultural holding</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>0113</td>
<td>Age of hired manager of the agricultural holding</td>
</tr>
</tbody>
</table>
Item 0101: Identification and location of agricultural holding

**Type:** essential and a frame item.

**Reference period:** census reference day.

**Identification:** usually includes holding’s name, holder’s name, holder’s address and other contact information

**Location:** usually is the place where all, or most, of the agricultural production occurs (where administrative or farm buildings and agricultural machinery are located or, alternatively, where the majority of land is located)

**How identify the location?** Normally through a geographic coding system (based on the administrative structure of the country; use of GPS or cadastral maps)

**Note:** holding’s location may be different from the holder’s address
Holdings covered by the agricultural census need to be identified for several reasons:

- coverage checking,
- links with the population and other censuses and surveys,
- link with other sources,
- the list of holdings constitute an important component of every sampling frame of the on-going system of agricultural surveys and in many cases, such list is the first step for building (or updating) a farm register.

The location of the agricultural holding is needed to assign them to administrative units or agro-ecological zones, which are key classification items in the tabulation of agricultural census results.

Therefore each holding should be unambiguously identified and its location defined.

For the definition of an agricultural holding, see WCA 2020, Vol. 1, paragraph 6.2
Item 0102: Respondent for the agricultural holding

**Type**: new item, additional item.

**Reference period**: census reference day.

**Concept**: Respondent is the person from whom data are collected about the holding. The respondent should be someone sufficiently knowledgeable to answer the census questions accurately; usually is the holder or hired manager.

**Importance**: This item could be used for quality assessments and checks.
Item 0103: Legal status of agricultural holder

**Type:** essential item.

**Reference period:** census reference day.

**Concept:** A holding may be operated by:

- *One civil person;*
- *A group of civil persons;*
- *A juridical person (such as a corporation, cooperative, governmental institution, a church, etc.)*

**Importance:** The legal status (type of holder) is an important classification item.

**Holding’s sector:** A holding may belong to the household sector (operated by household members from one or different households) or to the non-household sector (operated by a corporation, cooperative, a tribe, etc.)

**Correspondence between legal status and the sector** is not straightforward. It depends on the country legal system and context.
Item 0104: Sex of agricultural holder

**Type**: essential item.

**Reference period**: census reference day.

**Importance**: This item is crucial for analyzing the gender aspects of agricultural production. It also could be useful as a basis of sampling frame for gender surveys.

**Where to collect this information?** Only in holdings belonging to the household sector. In case of joint holders in a holding of the household sector, the sex of each person should be reported.
**Item 0105: Age of agricultural holder**

**Type:** essential item.

**Reference period:** census reference day.

**Importance:** Age of holder is important for analyzing the relationship between age and characteristics of agricultural holdings and also for studying gender issues.

**Where to collect this information?** Only in holdings belonging to the household sector. In case of joint holders in a holding of the household sector, the age of each person should be reported.

For the definition of an agricultural holder, see WCA 2020, Vol. 1, paragraphs 6.17-6.19
Item 0106: National/ethnic group of household head or agricultural holder

**Type:** additional and new item.

**Reference period:** census reference day.

**Importance:** In some countries there are differences in agricultural practices between national/ethnic groups.

**Where to collect this information?** Only in holdings belonging to the household sector.
Item 0107: Main purpose of production of holding

**Type**: essential and frame item.

**Reference period**: census reference year or other suitable reference period (such as the main harvest).

**Importance**: It is a broad indicator of the extent to which agricultural holdings participate in the market economy. It is also important for developing a frame for surveys on farm food stocks for sale.

**Where to collect this information**: Usually for holdings belonging to the household sector but can be collected for holdings in non-household sector.

**Suggested (main) categories**: producing mainly for:

- *own consumption*
- *Sale*

**Note**: Sale includes selling produce for cash or in exchange for other produce (barter).
Item 0108: Other economic activities of the household

**Type**: essential and frame item.

**Reference period**: census reference year.

**Concept**: It comprises economic activities undertaken by the household linked to the premises of the agricultural holding or in the close vicinity, other than agricultural production on the holding.

**Importance**: It is important to help understand the relationship between such activities and the agricultural production and to find out more about life and economics in rural areas.

**Where to collect this information?** Only for holdings belonging to the household sector.
Item 0108: Other economic activities on holding (contd.)

Suggested activities to investigate are:

- Support activities to agriculture and post-harvest crop activities
- Hunting, trapping and related service activities
- Forestry and logging
- Fishing and aquaculture
- Manufacturing (agro-processing and handicrafts)
- Wholesale and retail trade, repair of motor vehicles or motorcycles
- Hotels and restaurants (excluding Agrotourism)
- Agrotourism
- Other
Item 0109: Proportion of income from holding’s agricultural production in household’s total income

Type: new and additional item

Reference period: census reference year.

Importance: It is important to get a broad indicator of the extent of which agricultural holdings rely on their own production for the total household income.

Where to collect this information? Only for holdings belonging to the household sector.

How is calculated the income: The total value of the available agricultural production sold, used as means of production, processed or consumed by HH, put into storage or used as own-account produced fixed capital

Suggested categories are:

- Less than a quarter
- A quarter or less than a half
- A half or less than three quarters
- Three quarters to less than all
- All income
Item 0110: Main agricultural activity on the holding

**Type:** new and additional item  
**Reference period:** census reference year  
**Importance:** combined with other items it could be used for formulation of policies for the sector  
**Where to collect this information?** All holdings  
**Suggested categories are:**  
- Mainly crop production (at least two-thirds of the total value of the holding’s production in the census reference year comes from crop production)  
- Mainly livestock production (equal as before for livestock production)  
- Mixed (crop and livestock) (neither crop nor livestock production account for at least two-thirds of the total value of the holding’s production in the census reference year)
Items: 0111 Presence of hired manager; 0112 & 0113 Sex and Age of hired manager

**Type**: new and additional items

**Reference period**: census reference day

**Concept**: the hired manager of the holding is the paid employee who manages the agricultural holding on behalf of the holder and is responsible for the normal daily financial and production routines of running the holding.

**Importance**: these items are important for analyzing the management of agricultural holding and gender aspects of agricultural production as well as the relationship between age and the characteristics of holdings. They could also be used as basis for sampling frames for special surveys.
Country experiences

Saudi Arabia, Agricultural Census 2010

Identification and general characteristics of agricultural holding included:

1. Identification and location of agricultural holding (item 0101 in WCA 2020)
2. Legal status of agricultural holder (type of holder)
3. Sex of agricultural holder
4. Age of agricultural holder
5. Nationality of agricultural holder (Saudi; not Saudi)
6. Main purpose of production of the holding (mainly for own production; mainly for sale)
7. Main agricultural activity of the holding (crop production; animal production; poultry; fish; mixed)
8. Presence of hired manager of the agricultural holding

Additional questions included in the questionnaire:

• Main occupation of the holder ((a) agriculture; b) other)
• Is the holding “traditional” or “specialized”? (with the indication of main types of agricultural products)
Country experiences (contd.)

Mozambique Agricultural Census 2009/10

Identification of agricultural holding included:

- Coordinates of the holding taken with GPS;
- Holding type;
- Name, sex and age of holder;
- Respondent’s name;
- Whether aquaculture is practiced;
- Whether livestock is raised;
- Whether permanent fruit trees are cropped (except for coconuts and cashew);
- Whether coconuts and/or cashew are cropped.
Thank You