

English version

**SEGMENT ID:** |\_\_| |\_\_| |\_\_| |\_\_| |\_\_| |\_\_|

**REPUBLIC OF RWANDA**



**NATIONAL INSTITUTE OF  
STATISTICS OF RWANDA**

**MINISTRY OF AGRICULTURE  
AND ANIMAL RESOURCES**

# SEASONAL AGRICULTURAL SURVEY (SAS-2016/2017)

## Screening Questionnaire

Agricultural Season 

11/11/2019

| 1. Segment identification                                  |                      |
|--|----------------------|
| 1.1. Province  | ..... /  __          |
| 1.2. District  | .....  __  __        |
| 1.3. Stratum   | ..... __  __         |
| 1.4. Segment   | ..... __  __         |
| 1.5. Date of visiting the segment                          | ..... ____/____/____ |
| 1.6. Enumerators who visited the Segment<br>(ID and names) | __  __  __ <br>..... |
|  | __  __  __ <br>..... |
| 1.7. Team Leader 's ID and names                           | __  __  __ <br>..... |
| 1.8. Number of grids in the segment                        | __  __               |

***Self-introduction to the respondent:***

*Introduce yourself to the operator. Rephrase the following in your own words. "My name is....., I am working in National Institute of Statistics of Rwanda, particularly in Seasonal Agricultural Survey in which farmers are asked to provide information on the crops they are growing in 2016/2017 agricultural year. The purpose of this survey is to provide data for estimates of the areas of crops being grown in Rwanda during this season. Individual reports are kept confidential. Your plot is in the area of land surveyed that has been selected for this survey (point out the segment)".*

| Grid identification                       |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|---|-----------------------|--|---|---|--|--|--|--|---------------------|---------------------------------|---|--|--|---|---|--|
| 2.1<br>Sampled<br>Grid<br>point<br>number | 2.2<br>Plot<br>number | 2.3<br>Plot<br>size<br>(m <sup>2</sup> ) | 2.4 Names and<br>Contact of the<br>operator who<br>operated the plot      | 2.5<br>Number of<br>grids in<br>the same<br>plot this<br>grid is<br>located | 2.6<br>Plot land<br>use<br><br>96= Agricultural<br>Land<br>97= Pasture<br>98 =Fallow<br>99 =Non-<br>agricultural land<br><br>If 96 → 2.8<br>If 97 & 98 →<br>2.10<br>If 99→2.6<br>→2.16 | 2.7<br>Non-<br>agricult<br>ural<br>Land<br>Type<br><br>(Use<br>appropri<br>ate given<br>code)<br>(1) | 2.8<br>Cropping<br>system<br><br>1= Pure<br>2= Mixed | Crop planted in the plot                         |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  | 2.9<br>Number<br>of main<br>crops in<br>the plot | Crop<br>type<br>(2) | 2.11<br>Crop<br>name<br><br>(3) | 2.12 Crop proportion                      |  | 2.13 Number of<br>trees in case of<br>plantation of<br>perennial crops | 2.14 Number of<br>trees susceptible to<br>produce in these six<br>months (5)<br><br><i>N.B:</i> Number of<br>trees suscepti ble to<br>produce in these six<br>months cannot<br>exceed the number<br>of trees recorded on<br>question 2.13 | 2.15<br>Is this crop for this<br>season?<br>1=Yes<br>2=No<br><br><i>NB:</i> Always Write code 1<br>in case of annual and<br>perennial crops | 2.16<br>What is the<br>expected period<br>of harvesting<br>for this crop?<br>(6) |
|   |                       |  |   |   |  |  |  |  |                     |                                 | 2.12.1<br>Crop<br>proportio<br>n<br>(in%) | 2.12.2<br>Crop<br>proportio<br>n code<br>(4) |  |   |   |  |
|   |                       |  | 2.4.1 Operator<br>names:<br><br>.....<br><br>2.4.2 Operator<br>Telephone: |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  | Names:<br>Tel:  |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  | Names:<br>Tel:  |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |
|   |                       |  |   |   |  |  |  |  |                     |                                 |   |  |  |   |   |  |

## ANNEX

- (1) Non-agricultural Land Type Codes:** 1- Buildings; 2- Road or path; 3- Forest or bush; 4- Bare soil or Rocky soil; 5- Unmanaged marshland; 6- Water; 7- Other (specify)
- (2) Crop type:** 1- Seasonal crops harvested once a season, 2- Seasonal crops harvested more than one time, 3-Perennial crops
- (3) Crop codes and names:** 101- Maize, 102- Paddy rice, 103- Sorghum, 104- Wheat, 105- Other cereal(specify), 106- Bush bean,107- Climbing bean, 108- Pea, 109- Other pulse, 111- Irish potato, 112- Sweet potato, 114- Tomato, 115-Cabbage, 116- Cauliflower, 117- Onion, 118- Carrot, 119-Eggplant, 120- Other seasonal vegetable, 128- Soybean, 129- Groundnut, 130- Sun flower, 134- Other seasonal crop, 135- Black eggplant, 136- Sweet pepper, 138- Amaranth, 139- Celery, 140- Spinach, 141- Small red bean,142- Sugar beet, 143- Garlic, 144-African cabbage, 145- Leek, 146-French bean, 147- Letus, 148- Broccoli, 162- Millet, 165 – Other tuber (specify), 167- Cucumber, 213-Taro, 214-Yam, 220- Other annual vegetable, 233- Pyrethrum, 234- Other annual crop, 237- Pepper, 249- Napia grass, 257- Tree tomato, 265 – Other tuber, 266- Pumpkin, 310- Cassava, 321- Cooking banana, 322- Dessert banana, 323- Banana for beer, 324- Pineapple, 326- Passion fruit 325-Avocado, 327- Other fruit, 331- Other oil seed, 332-Coffee, 320- Other perennial vegetable, 334- Other perennial crop, 350- Sugar cane, 352- Macadamia, 353- Olive, 354- Mango, 355- Apple, 356- Papaya, 358- Orange, 359- Lemon, 360- Guava, 361- Mulberry, 363- Stevia, 364- Jatropha, 365 – Other tuber (specify), 368- Palm, 369- Tea, 511-Napia grass for fodder, 512-Maize for fodder, 513- Soya for fodder, 514- Leucena, 515- Desmodium, 516- Mucuna, 517- Setaria, 518-Tripsacum, 519- Other fodder crop (specify).
- (4) Proportion Codes:** 1- ≤ 10%; 2- 11% to 20%; 3- 21% to 30%; 4- 31% to 40%; 5- 41% to 50%; 6- 51% to 60%; 7- 61% to 70%; 8-71% to 80%; 9- 81% to 90%; 10- 91% to 100%
- (5): Six months for Season A:** From September to February; **Six months for Season B:** From March to August
- (6) Expected period of harvesting:**
- Season A:** 1=Before 01/12; 2= Between 01-15 /12; 3= Between 16- 31/12; 4= Between 01-15/01; 5= Between 16- 31/01; 6= Between 01-28/02; 7=After February 8= Not applicable
- Season B:** 1= Before 01/05; 2=Between 01-31/05; 3= Between 01- 15/06; 4= Between 16 -30/06; 5= Between 01-31/07; 6=Between 01-31/08; 7= After 31/08; 8=Not applicable
- Season C:** 1= Before 30/07; 2= Between 01-15/08; 3= Between 16- 30/08; 4= Between 01-15/09; 5= Between 16 -30/09 6= After September.
- Expected period of rice harvesting:** Season **A:** 1=Before 31/10; 2=Between 01-15/11; 3=Between 16-30/11; 4=Between 01-15/12; 5= Between 16-31/12; 6= Between 01-31/01; 7=After 31/01
- Season **B:** 1=Before 31/05; 2=Between 01-15/06; 3=Between 16-30/06; 4=Between 01-15/07; 5= Between 16-31/07; 6= Between 01-31/08; 7=After 31/08

### Crops' categories according to harvesting period

|  |  |
|--|--|
| <b>Seasonal crops harvested once a season</b>      | 101- Maize, 102- Paddy rice, 103- Sorghum, 104- Wheat, 105- Other cereal (specify), 106- Bush bean,107- Climbing bean, 108- Pea, 109- Other pulse, 111- Irish potato, 112- Sweet potato, 114- Tomato, 115-Cabbage, 116- Cauliflower, 117- Onion, 118- Carrot, 119-Eggplant, 120- Other seasonal vegetable, 128- Soybean, 129- Groundnut, 130- Sun flower, 134- Other seasonal crop, 135- Black eggplant, 136- Sweet pepper, 138- Amaranth, 139- Celery, 140- Spinach, 141- Small red bean, 142- Sugar beet, 143- Garlic, 144- African cabbage, 145- Leek, 146-French bean, 147- Letus, 148- Broccoli, 162- Millet, 165 – Other tuber (specify), 167- Cucumber. |
| <b>Seasonal crops harvested more than one time</b> | 213-Taro, 214-Yam, 220- Other annual vegetable, 233- Pyrethrum, 234- Other annual crop, 237- Pepper, 249- Napia grass, 257- Tree tomato, 265 – Other tuber, 266- Pumpkin   |
| <b>Perennial crops</b>                             | 310- Cassava, 321- Cooking banana, 322- Dessert banana, 323- Banana for beer, 324- Pineapple, 325-Avocado, 326- Passion fruit, , 327- Other fruit, 331- Other oil seed, 332-Coffee, 320- Other perennial vegetable, 334- Other perennial crop , 350- Sugar cane, 352- Macadamia, 353- Olive, 354- Mango, 355- Apple, 356- Papaya, 358- Orange, 359- Lemon, 360- Guava, 361- Mulberry, 363- Stevia, 364- Jatropha, 365 – Other tuber (specify), 368- Palm, 369- Tea.  |
| <b>Fodder crops</b>                                | 511-Napia grass for fodder, 512-Maize for fodder, 513- Soya for fodder, 514-Leucena, 515- Desmodium, 516- Mucuna, 517- Setaria, 518-Tripsacum, 519- Other fodder crop (specify)  |

**Province codes**

| Province code | Province    |
|---------------|-------------|
| 1             | Kigali City |
| 2             | South       |
| 3             | West        |
| 4             | North       |
| 5             | East        |

**Stratum codes**

| Stratum code | Stratum                          |
|--------------|----------------------------------|
| 11           | Intensive cropland on hillsides  |
| 20           | Intensive cropland in marshlands |
| 30           | Rangelands                       |

**District codes**

| District code | District name | District code | District name | District code | District name |
|---------------|---------------|---------------|---------------|---------------|---------------|
| 11            | Nyarugenge    | 28            | Kamonyi       | 43            | Musanze       |
| 12            | Gasabo        | 31            | Karongi       | 44            | Burera        |
| 13            | Kicukiro      | 32            | Rutsiro       | 45            | Gicumbi       |
| 21            | Nyanza        | 33            | Rubavu        | 51            | Rwamagana     |
| 22            | Gisagara      | 34            | Nyabihu       | 52            | Nyagatare     |
| 23            | Nyaruguru     | 35            | Ngororero     | 53            | Gatsibo       |
| 24            | Huye          | 36            | Rusizi        | 54            | Kayonza       |
| 25            | Nyamagabe     | 37            | Nyamasheke    | 55            | Kirehe        |
| 26            | Ruhango       | 41            | Rulindo       | 56            | Ngoma         |
| 27            | Muhanga       | 42            | Gakenke       | 57            | Bugesera      |