

SEGMENT ID: |__||__||__||__||__||__||

English version

REPUBLIC OF RWANDA



**NATIONAL INSTITUTE OF STATISTICS
OF RWANDA**

**MINISTRY OF AGRICULTURE AND
ANIMAL RESOURCES**

**SEASONAL AGRICULTURAL SURVEY (SAS)
SCREENING QUESTIONNAIRE-2022**

Self-introduction: Introduce to the farmer about the survey.

My name is....., I work with National Institute of Statistics of Rwanda in Seasonal Agricultural Survey in which farmers are asked to provide information on crops grown in season, 2021/2022 agricultural year. The purpose of this survey is to provide timely, accurate, reliable and comprehensive agricultural statistics that describe the structure of agriculture in Rwanda in terms of land use, crop production and livestock to monitor current agricultural and food supply conditions and to facilitate evidence-based decision making for the development of Agriculture sector. The information provided will be used only for research purpose and individual data will be kept confidential. You are among operators whose plot/farm has been sampled for this survey. The reason why we ask you to provide information related to this survey.

I. General information

| | |
|---|---|
| I.1 Province 1=Kigali city, 2=South, 3=West, 4=North, 5=East | Write the convenient name & code of the province the segment is located / __ __ |
| I.2 District (name and code) | Write the convenient name & code of the district the segment is located (See district codes at page 4 / __ __ |
| I.3 Stratum 10=Agricultural land on hillside 20=Agricultural land in marshland 30=Rangeland 40=mixed | Write the convenient name & code of the stratum the segment is located / __ __ |
| I.4 Segment number | Write the convenient number of the segment you are screening __ __ |
| I.5 Enumerator name and code | Write your full names and code as enumerator __ __ __ |
| I.6 Team leader name and code | Write the full names and code of your Team Leader __ __ |
| I.7 Number of grids sampled in the segment | Write the convenient number of the sampled grids in the segment you are screening __ __ |

II. Plot information

| 2.1 Plot No | 2.2 Number of grid points that fall in this plot | 2.3 Which grids fall in this plot? | 2.4 Plot size (m ²) | 2.5 Plot Operator's address | 2.6 Plot land use <i>96=Agricultural</i> <i>97=Pasture</i> <i>98= Fallow</i> <i>99= Non-agricultural</i> If 96, 97&98 →2.8 | 2.7 Non-agricultural Land Type <i>1=Buildings,</i> <i>2=Road/Path,</i> <i>3=Forest/Bush,</i> <i>4=Bare/Rocky soil,</i> <i>5=Unmanaged marshland,</i> <i>6=Water body,</i> <i>7=Other(specify)</i> NB: Answer this question then skip to question 2.12 | 2.8 Is there any anti-erosion activity on this plot? <i>1=Yes</i> <i>2=No</i> If No → 2.10 | 2.9 Types of anti-erosion activities existing on this plot <i>1=Ditches,</i> <i>2=Trees/Windbreak /Shelterbelt,</i> <i>3=Bench terraces,</i> <i>4=Progressive terraces,</i> <i>5=Cover plants/Grasses</i> <i>6=Water drainage,</i> <i>7=Mulching,</i> <i>8=Beds/Ridges,</i> <i>9=Water channel,</i> <i>10=Other(specify)</i> NB: List 3 main activities | 2.10 Is there any agroforestry practice on this plot? <i>1=Yes</i> <i>2=No</i> If No, →2.12 | 2.11 Types of agroforestry trees planted in this plot? <i>1=Calliandra,</i> <i>2=Leucaena,</i> <i>3=Sesbania, 4=Acacia,</i> <i>5=Erythrina,</i> <i>6=Casuarina,</i> <i>7=Maesopsis,</i> <i>8=Alnus acuminata</i> <i>9=Grevillea</i> <i>10=Fruits trees,</i> <i>11=Markhamia lutea</i> <i>12=Tephrosia vogelii hook</i> <i>13=velnonia amygdalina del</i> <i>14=ikibonobono</i> <i>15=Others(specify)</i> NB: List 4 main types of agroforestry trees | 2.12 Is this plot located in land consolidation site in this season? <i>1=Yes</i> <i>2=No</i> NB: This question is only for agricultural land use 96 | 2.13 Cropping system <i>1=Pure cropping</i> <i>2=Mixed cropping</i> NB: This question is only for land use 96 & 97 | 2.14 Number of main crops in the plot <i>(Maximum allowed is 5 crops. Only consider crops with at least 10% of proportion)</i> |
|-------------|--|------------------------------------|---------------------------------|-----------------------------|--|--|--|---|---|--|--|--|---|
| | | | | 2.5.1 Names | | | | | | | | | |
| | | | | 2.5.2 Farmer ID: _ _ _ _ | | | | | | | | | |
| | | | | 2.5.3 Sector: | | | | | | | | | |
| | | | | 2.5.4 Cell: | | | | | | | | | |
| | | | | 2.5.5 Village | | | | | | | | | |
| | | | | 2.5.6 Tel: | | | | | | | | | |

III. Main Crops grown

| 2.1 Plot number | 3.1 Crop name See codes on page 4 <i>NB: In case of banana plantation, write the name "banana" without differentiating the species</i> | 3.2 Crop proportion | | 3.3 Crop density | | 3.4 types of Banana planted | | | 3.5 Was this crop planted in this season? 1=Yes 2=No | 3.6 Will this crop be harvested in this season? 1=Yes 2=No | 3.7 What is the expected period for harvesting this crop? See codes on page 4 | 3.8 Date of interview for this plot NB: The date must be written by enumerator himself |
|-----------------------|---|---------------------------------|---|---------------------------|---|-----------------------------|-------------------------|--------------------------|--|--|---|---|
| | | 3.2.1 Crop proportion (in %) | 3.2.2 Crop proportion code 1=10% -20% 2=21%-30% 3=31%-40% 4=41%-50% 5=51%-60% 6=61%-70% 7=71%- 80% 8=81%-90% 9=91%-100% | 3.3.1 Crop density (in %) | 3.3.2 Crop density code 1=10% -20% 2=21%-30% 3=31%-40% 4=41%-50% 5=51%-60% 6=61%-70% 7=71%- 80% 8=81%-90% 9=91%100% 10= >100% NB : if on question 3.1, the crop is not Banana →3.5 | 3.4.1 Cooking banana | 3.4.2 Dessert banana | 3.4.3 Banana for beer | | | | |
| | | | | | | Number of Plants | Number of Plants | Number of Plants | | | | |
| | Crop 1 | | | | | | | | | | | |
| | Crop 2..... | | | | | | | | | | | |
| | Crop 3..... | | | | | | | | | | | |
| | Crop 4..... | | | | | | | | | | | |
| | Crop 5..... | | | | | | | | | | | |

CROPS AND CATEGORIES:**SEASONAL CROPS**

101- Maize, **102-** Paddy rice, **103-** Sorghum, **104-** Wheat, **105-** Other cereal(specify), **106-** Bush bean, **107-** Climbing bean, **108-** Pea, **109-** Other pulse, **110-** Irish potato, **111-** Sweet potato, **112-**Taro, **113-**Yams, **114-**Other tubers, **115-** Tomato, **116-**Cabbage, **117-**Cauliflower, **118-** Onion, **119-** Carrot, **120-**Eggplant, **121-**Other seasonal vegetables(specify), **122-** Soybean, **123-** Groundnut, **124-** Sun flower, **125-** Black eggplant, **126-**Sweet pepper, **127-**Amaranth, **128-**Celery, **129-** Spinach, **130-** Small red bean, **131-** Sugar beet, **132-** Garlic, **133-**African cabbage, **134-** Leek, **135-**French beans, **136-** Lettuce, **137-** Broccoli, **138-** Millet, **139-** Cucumber, **140-**Chia seeds, **141-**Other seasonal crops

ANNUAL CROPS:

201- Pyrethrum, **202-**Pepper, **203-**Pumpkin, **204-**Napia grass, **205-**Sugar cane, **206-**Tobacco, **207-**Other annual crops(specify),

PERENNIAL CROPS:

300-Banana, **301-** Cooking banana, **302-** Dessert banana, **303-**Banana for beer, **304-**Coffee, **305-**Cassava, **306-**Mulberry, **307-**Jatropha, **308-**Stevia, **309-**Macadamia, **310-**Tea, **311-** Other perennial crop(Specify).

FRUITS TREES:

401-Tree tomato, **402-**Pineapple, **403-**Avocado, **404-**Passion fruits, **405-**Palm, **406-** Mango, **407-** Apple, **408-** Papaya, **409-** Orange, **410-** Lemon, **411-** Guava, **412-**Oliver, **413-**Water melon, **414-**Mandaline, **415-**Jack fruits, **416-**Gooseberry, **417-**Strawberry, **418-**Sugar apple/Coeur de boeuf/Annona squamosa, **419-** Other fruits(specify).

FODDER CROPS:

501-Napia grass for fodder, **502-**Maize for fodder, **503-** Soybean for fodder, **504-**Leucena, **505-**Desmodium, **506-**Mucuna, **507-**Setaria, **508-**Tripsacum, **509-**Herbaceous **510-** Other fodder crop (specify).

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 Feb;

8-Other season (applicable for all types of crops)

Season B: **9-**Before 01/05; **2-**Between **10-**15/05; **11-**Between 15-31/05 **12-** Between 01- 15/06; **13-** Between 16 -30/06; **14-** Between 01-15/07; **15-**Between 16-31/07;

16- Between 01-31/08; **17-** After August; **18-**Other season (applicable for all types of crops)

Season C: **19-** Before 01/08; **20-** Between 01-15/08; **21-** Between 16- 31/08; **22-** Between 01-15/09; **23-** Between 16 -30/09; **24-** After 30/09

DISTRICTS NAMES AND CODES

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

List of season C crops

| Crop name | Crop code | Crop name | Crop code |
|---------------------------|-----------|---------------------|-----------|
| Bush beans | 106 | Black eggplant | 125 |
| Climbing beans | 107 | Sweet pepper | 126 |
| Pea | 108 | Amaranths | 127 |
| Other pulses | 109 | Celery | 128 |
| Irish potato | 110 | Spinach | 129 |
| Sweet potato | 111 | Small red bean | 130 |
| Tomato | 115 | Sugar beet | 131 |
| Cabbage | 116 | Garlic | 132 |
| Cauliflower | 117 | African cabbage | 133 |
| Onion | 118 | Leek | 134 |
| Carrot | 119 | French beans | 135 |
| Eggplant | 120 | Lettuce | 136 |
| Other seasonal vegetables | 121 | Broccoli | 137 |
| Soybeans | 122 | Chia seeds | 140 |
| Pepper | 202 | Other seasonal crop | 141 |
| Other cereals | 105 | Other tubers | 114 |
| | | Watermelon | 413 |