SEGMENT ID/LSF ID : |__||__||__||__||__|

REPUBLIC OF RWANDA

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	MINISTRY OF AGRICULTURE AND ANIMAL RESOURCES

UPGRADED SEASONAL AGRICULTURAL SURVEY (USAS)

SCREENING QUESTIONNAIRE-

AGRICULTURAL SEASON: USAS 2023/2024

> ***Self-introduction: Introduce to the farmer about the survey***
>
> *My name is…………., I work with National Institute of Statistics of Rwanda in Upgraded Seasonal Agricultural Survey in which farmers are asked to provide information on crops grown in season …., 2023/2024 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. Please rest assured that the information you provide will be used solely for research purposes, and all individual data will remain confidential. Your plot/farm has been selected as part of the sample for this survey, and we kindly request your cooperation in providing the necessary information.*

1.General information	
1.1 Province **1**=Kigali city, **2**=South, **3**=West, **4**=North, **5**=East	Write the convenient name & code of the province the segment is located. ……………………………………… / |__|
1.2 District (name and code)	Write the convenient name & code of the district the segment is located (See district codes at page 4 ……………………………… / |__||__|
1.3 *Stratum* *10=Agricultural land on hillside; 20=Agricultural land in marshland; 30=Rangelan*d; 40=mixed; 90=Large Scale Farmer/LSF	Write the convenient name & code of the stratum the segment or LSF is located …………………………………… / |__||__|
1.4 Segment/LSF ID NB: If the stratum is not 90, skip to Q 1.11	Write the convenient ID of the segment or LSF you are screening. |__||__||__|
1.5 Farmer's names/LSF Names:	Write the convenient name of the Farmer: ………………………………
1.6. Farmer's address/LSF farm address: 1.6.1 Sector: 1.6.2 Cell: 1.6.3 Village:	Write the convenient name & code of the Sector the farm is located: ……… |__||__||__|
	Write the convenient name & code of the Cell the farm is located: ……… |__||__||__|
	Write the convenient name & code of the Village the farm is located: …….. |__||__||__|
1.7 LSF phone number:	|__||__||__| |__||__||__| |__||__||__||__|
1.8 Farm manager name:	Write the convenient name of Farm Manager: …………………
1.9 Farm Manager contact:	|__||__||__| |__||__||__| |__||__||__|
1.10 LSF Category: 1=Individual; 2=Cooperative/Company/Association	|__|
1.11 Enumerator name and code	Write your full names and code as enumerator. …………………………………………..|__||__| ||__|
1.12 Team leader name and code	Write the full names and code of your Team Leader ………………………………………………..|__||__|
1.13 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 LSF Bloc No	2.3 Number of grid points that fall in this plot	2.4 Which grids fall in this plot?	2.5 Plot size (m²)	2.6 Plot land use 96=Agricultural 97=Pasture 98= Fallow 99= Non-agricultural If 96, 97&98 →2.9	2.7 Non-agricultural Land Type 1=Buildings, 2=Road/Path, 3=Forest/Bush, 4=Bare/Rocky soil, 5=Unmanaged marshland, 6=Water body, 7=Other(specify) NB: Answer this question then skip to question 2.13	2.8 Is there any anti-erosion activity on this plot? 1=Yes 2=No If no → 2.11	2.9 Types of anti-erosion activities existing on this plot 1=Ditches, 2=Trees/Windbreak/Shelterbelt, 3=Bench terraces, 4=Progressive terraces, 5=Cover plants/Grasses 6=Water drainage, 7=Mulching, 8=Beds/Ridges, 9=Water channel, 10=Other(specify) NB: List 3 main activities	2.10 Is there any agroforestry practice on this plot? 1=Yes 2=No If no, →2.13	2.11 Types of agroforestry trees planted in this plot? 1=Calliandra, 2=Leucaena, 3=Sesbania, 4=Acacia, 5=Erythrina, 6=Casuarina, 7=Maesopsis, 8=Alnus acuminata 9=Grevillea 10=Fruits trees, 11=Markhamia lutea 12=Tephrosia vogelii hook 13=velnonia amygdalina del 14=ikibonobono/Ricinus communis 15=Others(specify) NB: List 4 main types of agroforestry trees	2.12 Is this plot located in land consolidation site? 1=Yes 2=No NB: This question is only for agricultural land use 96	2.13 Cropping system 1=Pure cropping 2=Inter-cropping 3=Traditional mixed cropping NB: This question is only for land use 96 & 97	2.14 Number of main crops in the plot (Maximum allowed is 5 crops. Only consider crops with at least 10% of proportion)

III. Main Crops grown

2.1 Plot number	3.1 Crop name **See codes on page 4** **NB**: *In case of banana plantation, write the name" banana" without differentiating the species*	3.2 Crop proportion		3.3 Crop density		3.4 Types of Bananas planted			3.5 Was this crop planted in this agricultural season? **1**=Yes **2**=No	3.6 Will this crop be harvested in this agricultural 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/beer/d essert 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**- Sunflower, **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, **206**-Tobacco, **207**-Other annual crops(specify), **305**-Cassava

PERENNIAL CROPS:

300-Banana,**301**- Cooking banana, **302**- Dessert banana, 303-Banana for beer, **304**-Coffee ,**306**-Mulberry, **307**-Jatropha,**308**-Stevia,**309**-Macadamia,**310**-Tea, **311**- Other perennial crop (Specify). **205**-Sugar cane

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; **25**-Other season

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
Pumpkin	203	Watermelon	413