REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

MINISTRY OF AGRICULTURE AND ANIMAL RESOURCES

2012-13 NATIONAL AGRICULTURE SURVEY - SEASON C

		0. GENERAL INFORMATION	
0.1.	Province: 1= Kigali City, 2=Southern Province, 3=Western Province, 4=Northern Province, 5=Eastern Province.		0.18. Enumerator's name:
0.2.	District	/	0.19. Date of interview:/
0.3.	Stratum		0.20. Enumerator's Signature:
0.4.	Site ID		0.21. Supervisor's name:
0.5.	Segment		
0.6.	Tract letter		0.22. Date questionnaire was checked:
0.7.	Tract Number		/
0.8.	Name of Operator		0.23. Supervisor's Signature:
0.9.	Nature of Operator: <i>1= Ordinary Farmer</i> ; <i>2= Cooperative/Institution</i> ; <i>3= Big Farmer</i>		
0.10.	Sex of Operator : <i>1</i> = <i>Male</i> ; <i>2</i> = <i>Female 3</i> = <i>N</i> /A		0.24. Data entry officer name:
0.11.	Age of the operator		0.25. Date processed:
0.12.	Education level of the operator: 1= <i>Primary</i> , 2= <i>Secondary</i> , 3= <i>Tertiary</i> , 4= <i>No education</i>		
0.13.	Resident $1 = Yes; 2 = No$		
0.14.	Name of Respondent if not operator		
0.15.	Relationship to the operator: 1=Spouse; 2= Son/daughter; 3= Relative; 4= Parent 5= Other relation		
0.16.	Contact Phone Number of the operator		
0.17.	Are you a Member of any Agriculture Cooperative? $I = Yes; 2 = No$		

Part I: Plot identification within the segment (Season C)

1.1 Plot No.	1.2 Plot size	If the p go to qu	cify the crop planted. lot is Fallow land fill 98 and uestion 1.12 and 1.13 only; If is uncultivated fill 99 and go plot	1.4 Crop proportion	1.5 Crop density	1.6 What was the starting date for sowing?	1.7 Did you use traditional seeds? 1= Yes 2= No 3=N/A	1.8 Did you use improved seeds? 1= Yes 2= No 3=N/A	1.9 Do you expect any production on this crop by 31 st August 2013? <i>I</i> = Yes 2= No 3=N/A	1.10 What is the expected date for harvesting?
	m ²	Crop Code	Crop name	Code	Code	Code	Code	Code	Code	Code
1										
2										
3										
4										
-							U	.	• • • •	13-Yams & Taro, 14-Tomatoes, 15-White cabbage,
		<u> </u>			.	U		· • •		its, 28- Soya beans, 29- Groundnuts, 30-Sunflower,4-African cabbage, 45- Leeks, 46-French beans, 47-
	48- Broc		.onee, 35 - Fyleunum, 34 -Ou	ier crops, 55- Bi	ack eggpia	nis, 30- Sweet pep	pper, 37- repper, 38- Amar	antiis, 39- Celery, 40- Spinach, 41	- Sman red beans, 42- Sugar beet, 45- Game, 4	-Antean caubage, 45- Leeks, 40-Prench beans, 47-
			ty Codes :1- ≤ 10% 2- 11% u	p to 20% 3- 22	1% up to 30	0% 4- 31% up to	40% 5- 41% up to 50%	6- 51% up to 60% 7- 61% up to	70% 8- 71% up to 80% 9- 81% up to 90% 1	0- 91% up to 100% 11- Above 100% (Applicable on
Peren	nial Crop	s)								
Sowin	ıg Start l	Date Cod	es: 1- Before 15/04/13	2- Between 1	5-30/04/13	3- Between	01-31/05/13 4-	Between 01-30/06/13 5	- Between 01-31/07/13 6- After 31/07	7/13
Expec	ted Har	vest Date	Codes: 1- Before 01/07/13	2-Betwee	en 01 to 15/	07/13 3- B	Between 16 to 30/07/13	4- Between 1 to 31/08/13	5- After 31/08/13	
Seaso	ns' code	s: 1-	Season C 2103 2- Season B 20	013 or before	3- Season A	2013-2014				

1.1 Plot No.	1.2 Plot size	If the p go to q	cify the crop planted. Not is Fallow land fill 98 and uestion 1.12 and 1.13 only; If is uncultivated fill 99 and go plot	1.4 Crop proportion	1.5 Crop density	1.6 What was the starting date for sowing?	1.7 Did you use traditional seeds? <i>I</i> = Yes 2= No 3=N/A	1.8 Did you use improved seeds? 1= Yes 2= No 3=N/A	1.9 Do you expect any production on this crop by 31 st August 2013? <i>I</i> = Yes 2= No 3=N/A	1.10 What is the expected date for harvesting?
	m ²	Crop Code	Crop name	Code	Code	Code	Code	Code	Code	Code
5										
6										
7										
8										
-							-			13-Yams & Taro, 14-Tomatoes, 15-White cabbage,
		-			-	-				 11ts, 28- Soya beans, 29- Groundnuts, 30-Sunflower, 14-African cabbage, 45- Leeks, 46-French beans, 47-
	48- Broc		.once, 35 - Fyrenhum, 54 -Ou	iei ciops, 33- B	lack eggpla	nis, 30- Sweet pep	pper, 37- repper, 38- Amar	antiis, 37- Celery, 40- Spinach, 41	- Sman red beans, 42- Sugar beet, 45- Garne, 4	4-Antean cabbage, 45- Leeks, 40-Prench beans, 47-
		, i	ity Codes :1- ≤ 10% 2- 11% u	p to 20% 3 - 2	1% up to 30)% 4- 31% up to 4	40% 5- 41% up to 50%	6- 51% up to 60% 7- 61% up to	70% 8-71% up to 80% 9-81% up to 90% 1	0- 91% up to 100% 11- Above 100% (Applicable on
Peren	nial Crop	s)		-	-	-	-			
Sowin	ng Start I	Date Cod	es: 1- Before 15/04/13	2- Between 1	5-30/04/13	3- Between	01-31/05/13 4-	Between 01-30/06/13 5	6 - After 31/07/13 6 - After 31/07	7/13
Expe	cted Harv	vest Date	Codes: 1- Before 01/07/13	2-Betwee	en 01 to 15/	07/13 3- B	etween 16 to 30/07/13	4- Between 1 to 31/08/13	5- After 31/08/13	
Seaso	ns' codes	s: 1-	Season C 2103 2- Season B 2	013 or before	3- Season A	2013-2014				

Part II: Use of Intermediate Consumption and Inputs (Season C)

A. Expenses on farming activities

2.1 Plot No.	2.2. State one main crop type (If the plot is Fallow land put 98 and go to question 2.3 and continue; If the plot is non-agricultural put 99 and go to the next plot)	2.3. Specify type of irrigation.	2.4 Did you practice any anti-erosion activity on this plot? <i>1=Yes, 2=No , if 2 go to next plot</i>	2.5 Which anti-erosion activities did you practice on this plot in this agriculture season?
	Code	Code	Code	Code
1				
2				
3				
4				
	on Code: 1-Pumps/tube wells/irrigation m sion activities: 1-Ditches 2- trees	achines2-Water3- Radical terracir	0	way 7-Mulching 8- Others

2.1 Plot No.	2.2. State one main crop type (If the plot is Fallow land put 98 and go to question 2.3 and continue; If the plot is non-agricultural put 99 and go to the next plot)	2.3. Specify type of irrigation.	2.4 Did you practice any anti-erosion activity on this plot? <i>1=Yes</i> , <i>2=No</i> , <i>if 2 go to next plot</i>	2.5 Which anti-erosion activities did you practice on this plot in this agriculture season?
	Code	Code	Code	Code
5				
6				
7				
8				
U	on Code: 1-Pumps/tube wells/irrigation m sion activities: 1-Ditches 2- trees	achines 2-Water 3- Radical terracir	0	way 7-Mulching 8- Others

Part II: Use of Intermediate Consumption and Inputs (Season C)

B. Expenses on fertilizers and Pesticides

2.6 Plot No.	 2.7 Have you already used organic fertilizers during this agriculture season? 1= Yes 2= No If the answer is 2, skip to 2.9 	 2.8 Fertilizers or Pesticides used : 1= Fertilizers 2= Pesticides 3= 1 &2 4= 1 &2 not used If the answer is 4 go to the next plot 	2.9 Fertilizers used/will be used in Season C 2013	2.10 Pesticides used/will be used in Season C 2013						
	Code	Code	Type of Fertilizer (Find Codes below)	Type of Pesticide (Find Codes below)						
1										
2										
3										
4										
Pesticides Co	Fertilizers Codes: 1. NPK 2. UREA 3. LIQUID UREA 4. DAP 5. LIME 6. OTHER FERTILIZER (Specify) Pesticides Codes: 7. DITHANE 8. RIDOMIL 9. DIMETHOATE 10. CYPERMETRINE 11. DURSIBAN 12. TILT 13. PILKARE 14. OTHER PESTICIDE (Specify) Source of Fertilizers/Pesticides: 1= Government (MINAGRI/ RAB/NAEB/District); 2= Market; 3= Government & Market; 4= Other provider									

2.6 Plot No.	 2.7 Have you already used organic fertilizers during this agriculture season? 1= Yes 2= No If the answer is 2, skip to 2.9 	 2.8 Fertilizers or Pesticides used : 1= Fertilizers 2= Pesticides 3= 1 &2 4= 1 &2 not used If the answer is 4 go to the next plot 	2.9 Fertilizers used/will be used in Season C 2013	2.10 Pesticides used/will be used in Season C 2013							
	Code	Code	Type of Fertilizer (Find Codes below)	Type of Pesticide (Find Codes below)							
1											
2											
3											
4											
	des: 1. NPK 2. UREA 3. LIQUID UREA 4. DAP 5. LIME des: 7. DITHANE 8. RIDOMIL 9. DIMETHOATE 10. CYPERMETRINE		14. OTHER PESTICIDE (Specify)								
	Pesticides Codes: 7. DITHANE 8. RIDOMIL 9. DIMETHOATE 10. CYPERMETRINE 11. DURSIBAN 12. TILT 13. PILKARE 14. OTHER PESTICIDE (Specify) Source of Fertilizers/Pesticides: 1= Government (MINAGRI/ RAB/NAEB/District); 2= Market; 3= Government & Market; 4= Other provider										

Part II: Use of Intermediate Consumption and Inputs (Season C),

C. Expenses on small tools and farm equipments

2.11 Name of small tools and farm equipments	2.12 Did you buy this tool/equipment during this season? 1= Yes; 2=No If the answer is 2 Skip to Question 2.16	2.13 How many did you buy during this season?	2.14 How much did you pay for this tool/equipment?)	2.15 Total amount spent on this tool/equipment	2.16 Number of equipment received for free from a non agricultural donor
	If the unswer is 2 Skip to Question 2.10	Number	Unit Price (RWF)	Total Cost (RWF)	Number
1. Hoe					
2. Spring Hoe					
3. Hoe					
4. Rake					
5. Pick					
6. Wheelbarrow					
7. Shovel					
8. Sprayer					
9. Watering can					
10. Saw					
11. Sickle					
12. Secateurs					
13. Scythe					
14. Axe					
15. Machete					
16. Billhook					
17. Mortar					
18. Mill					
19. Basket					

Part II: Use of Intermediate Consumption and Inputs (Season C),

C. Expenses on small tools and farm equipments (Continuation)

2.11 Name of small tools and farm equipments	2.12 Did you buy this tool/equipment during this season? 1 = Yes; 2=No	2.13 How many did you buy during this season?	2.14 How much did you pay for this tool/equipment?	2.15 Total amount spent on this tool/equipment	2.16 Number of equipment received for free from a non agricultural donor
	If the answer is 2 Skip to Question 2.16	Number	Unit Price (RWF)	Total Cost (RWF)	Number
20. Sack					
21. Big basket					
22. Pitcher					
23. Winnower					
24. Basket					
25. Basket					
26. Balance/Scale					
27. Jerry-can					
28. Barrel					
29. Bike					
30. Craft bike					
31. Bowl					
32. Sheeting					
33. Hoe Handle					
35. Water pipes					
34. Others (specify)					

Part III: Harvest measurement (Season C)

0. <u>Seasonal crops</u>

Name of the crop planted in agricultural season C	Crop code	3.1 Crop name	3.2 Quantity of already harvested season C crop products up to now (Kg)	3.3 Quantity of season B crop products to be harvested from now up to the last harvesting date of agricultural Season C (Kg)	3.4 Total quantity (Kg)	3.5 Explanation on harvest. Write the related code.(See the code at the bottom of the page)					
Bush beans	6										
Climbing beans	7										
Peas	8										
Other legumes & pulses	9										
Irish potatoes	11										
Sweet potatoes	12										
Tomatoes	14										
Cabbage	15										
Cauliflower	16										
Onions	17										
Carrots	18										
Soybean	28										
Sweet pepper	36										
Amaranths	38										
Celery	39										
1- Drought. 2- Late sow	Codes on QUESTION 3.5: 1- Drought. 2- Late sowing 3-Poor rainfall 4- Erosion 5- Crops destroyed by animals (grazed) 6- Disease and pests 7- Unfertile soil 8-Inappropriate seeds 9- Inappropriate irrigation system 10- Poor watering 11-Unmanaged marchland 12- Other reasons (specify).										

Name of the crop planted in agricultural season C	Crop code	3.1 Crop name	3.2 Quantity of already harvested season C crop products up to now (Kg)	3.3 Quantity of season B crop products to be harvested from now up to the last harvesting date of agricultural Season C (Kg)	3.4 Total quantity (Kg)	3.5 Explanation on harvest. Write the related code.(See the code at the bottom of the page)				
Spinach	40									
Small red beans	41									
Sugar beet	42									
Garlic	43									
Leeks	45									
French beans	46									
Letus	47									
Brocolli	48									
	20									
Other legumes	20									
	20									
	34									
Other crops	34									
	34									
Codes on QUESTION 3.5: 1- Drought. 2- Late sowir										

irrigation system 10- Poor watering 11-Unmanaged marchland 12- Other reasons (specify).

Part IV: Use of production of season C crops

4.1 Name of the crop planted in agricultural season C 2013		4.2 On the total production of this crop which quantity has been sold/will be sold?	of this crop which quantity has been used/will be used by the	4.4 On the total production of this crop what is the quantity that has been used as wage for hired labor?	4.5 On the total production of this crop which quantity has been used as farm rent?	4.6 On the total production of this crop what is the quantity that has been offered as a gift?	4.7 On the total production of this crop what is the quantity that has been exchanged with other things?	4.8 On the total production of this crop what is the quantity that has been used as seeds?	4.9 On the total production of this crop what is the quantity that has been used as fodder?	4.10 On the total production of this crop what is the quantity that has been stored?	4.11 On the total production of this crop what is the quantity that has been damaged?	4.12 On the total production of this crop what is the quantity that has been been used in any other way not mentioned before?
Crop Name	Code	Code	%	%	%	%	%	%	%	%	%	%
Bush beans	6											
Climbing beans	7											
Peas	8											
Other legumes & pulses	9											
Irish potatoes	11											
Sweet potatoes	12											
Tomatoes	14											
Cabbage	15											
Cauliflower	16											
Onions	17											
Carrots	18											
Soybean	28											
Sweet pepper	36											
Amaranths	38											
Celery	39											

Part IV: Use of production of season C crops (Continuation)

4.1 Name of the crop planted in agricultural season C 2013		4.2 On the total production of this crop which quantity has been sold/will be sold?	production of this crop which quantity has been used/will be used by the household?	4.4 On the total production of this crop what is the quantity that has been used as wage for hired labor?	4.5 On the total production of this crop which quantity has been used as farm rent?	4.6 On the total production of this crop what is the quantity that has been offered as a gift?	4.7 On the total production of this crop what is the quantity that has been exchanged with other things?	4.8 On the total production of this crop what is the quantity that has been used as seeds?	4.9 On the total production of this crop what is the quantity that has been used as fodder?	4.10 On the total production of this crop what is the quantity that has been stored?	4.11 On the total production of this crop what is the quantity that has been damaged?	4.12 On the total production of this crop what is the quantity that has been been used in any other way not mentioned before?
Crop Name	Code	Code	%	%	%	%	%	%	%	%	%	%
Spinach	40											
Small red beans	41											
Sugar beet	42											
Garlic	43											
Leeks	45											
French beans	46											
Letus	47											
Brocolli	48											
Other legumes	20											
	20											
	20											
Other crops	34											
	34											
	34											

THANK YOU FOR YOUR COOPERATION!