

REPUBLIC OF RWANDA



NATIONAL INSTITUTE OF STATISTICS OF RWANDA

MINISTRY OF AGRICULTURE AND ANIMAL RESOURCES

2012-13 NATIONAL AGRICULTURE SURVEY – SEASON B - PHASE I

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

Part I: Plot identification within the segment (Season B, Phase I)

1.1 Plot No.	1.2 Plot size	1.3 Specify the crop planted. <i>If the plot is Fallow land fill 98 and go to question 1.11 and 1.12 only ; If the plot is uncultivated fill 99 and go to next plot</i>		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 30 th June 2013? 1= 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										

Crop Codes: 1-Maize, 2-Paddy rice, 3-Sorghum, 4-Wheat, 5-Other cereals, 6- Bush Beans, 7-Climbing beans, 8-Peas, 9-Other legumes & pulses, 10-Cassava, 11-Irish potatoes, 12-Sweet potatoes, 13-Yams & Taro, 14-Tomatoes, 15-White cabbage, 16-Flower cabbage, 17- Onion, 18- Carrot, 19- Eggplant, 20-Other vegetables, 21-Cooking Bananas , 22-Banana Fruit, 23- Banana for beer, 24-Pineapple , 25-Avocado, 26-Passion fruits, 27- Other fruits, 28- Soya beans, 29- Groundnuts, 30-Sunflower, 31-Other oil seeds, 32-Coffee, 33- Pyrethrum, 34-Other crops.

Crop proportion/Density Codes : 1- ≤ 10% 2- 11% up to 20% 3- 21% up to 30% 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% 10- 91% up to 100% 11- Above 100% (Applicable on Perennial Crops)

Sowing Start Date Codes: 1- Before 01/03/13 2- 01 to 15/03/13 3- 16 to 31/03/13 4- After 31/03/13 5- Not applicable

Expected Harvest Date Codes: 1- Before 01/06/13 2- 01 to 15/06/13 3- 15 to 30/06/13 4- 1 to 31/07/13 5- After 31/07/13 6- Not applicable

1.1 Plot No.	1.2 Plot size	1.3 Specify the crop planted. <i>If the plot is Fallow land fill 98 and go to question 1.11 and 1.12 only ; If the plot is uncultivated fill 99 and go to next plot</i>		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 30 th June 2013? 1= 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										

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Crop proportion/Density Codes : 1- ≤ 10% 2- 11% up to 20% 3- 21% up to 30% 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% 10- 91% up to 100% 11- Above 100% (Applicable on Perennial Crops)

Sowing Start Date Codes: 1- Before 01/03/13 2- 01 to 15/03/13 3- 16 to 31/03/13 4- After 31/03/13 5- Not applicable

Expected Harvest Date Codes: 1- Before 01/06/13 2- 01 to 15/06/13 3- 15 to 30/06/13 4- 1 to 31/07/13 5- After 31/07/13 6- Not applicable

1.1 Plot No.	1.2 Plot size	1.3 Specify the crop planted. <i>If the plot is Fallow land fill 98 and go to question 1.11 and 1.12 only ; If the plot is uncultivated fill 99 and go to next plot</i>			1.4 Crop proportion	1.5 Crop density	1.6 What was the starting date for sowing?	1.8 Did you use improved 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 30 th June 2013? 1= 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
9											
10											
11											
12											

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Sowing Start Date Codes: 1- Before 01/03/13 2- 01 to 15/03/13 3- 16 to 31/03/13 4- After 31/03/13 5- Not applicable

Expected Harvest Date Codes: 1- Before 01/06/13 2- 01 to 15/06/13 3- 15 to 30/06/13 4- 1 to 31/07/13 5- After 31/07/13 6- Not applicable

Part II: Use of Intermediate Consumption and Inputs (Season B, Phase I)
Expenses on farming activities

2.1 Plot No.	2.2. State one main crop type <i>(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)</i>	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				
Irrigation Code: 1-Pumps/tube wells/irrigation machines 2-Watering can 3-Water drainage 4-Other. Anti-erosion activities: 1-Ditches 2- trees 3- Radical terracing 4- Progressive terracing 5-Grasses 6-waterway 7-Mulching 8- Others				

2.1 Plot No.	2.2. State one main crop type <i>(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)</i>	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				
5				
6				
7				
8				
Irrigation Code: 1-Pumps/tube wells/irrigation machines 2-Watering can 3-Water drainage 4-Other.				
Anti-erosion activities: 1-Ditches 2- trees 3- Radical terracing 4- Progressive terracing 5-Grasses 6-waterway 7-Mulching 8- Others				

2.1 Plot No.	2.2. State one main crop type <i>(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)</i>	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				
9				
10				
11				
12				
Irrigation Code: 1-Pumps/tube wells/irrigation machines 2-Watering can 3-Water drainage 4-Other.				
Anti-erosion activities: 1-Ditches 2- trees 3- Radical terracing 4- Progressive terracing 5-Grasses 6-waterway 7-Mulching 8- Others				

Part II: Use of Intermediate Consumption and Inputs (Season B, Phase I)
Expenses on fertilizers and Pesticides

2.6 Plot No.	2.7 Have you already used organic fertilizers during this agriculture season? <i>1= Yes</i> <i>2= No If the answer is 2, skip to 2.9</i>	2.8 Fertilizers or Pesticides used : <i>1= Fertilizers</i> <i>2= Pesticides</i> <i>3= 1&2</i> <i>4= 1&2 not used If the answer is 4 go to the next plot</i>	2.9 Fertilizers used in Season B 2013	2.10 Pesticides used/will be used in Season B 2013
			Type of Fertilizer (Find Codes below)	Type of Pesticide (Find Codes below)
1				
2				
3				
4				
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? <i>1= Yes</i> <i>2= No If the answer is 2, skip to 2.9</i>	2.8 Fertilizers or Pesticides used : <i>1= Fertilizers</i> <i>2= Pesticides</i> <i>3= 1&2</i> <i>4= 1&2 not used If the answer is 4 go to the next plot</i>	2.9 Fertilizers used in Season B 2013	2.10 Pesticides used/will be used in Season B 2013
		Code	Type of Fertilizer (Find Codes below)	Type of Pesticide (Find Codes below)
5				
6				
7				
8				
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? <i>1= Yes</i> <i>2= No If the answer is 2, skip to 2.9</i>	2.8 Fertilizers or Pesticides used : <i>1= Fertilizers</i> <i>2= Pesticides</i> <i>3= 1&2</i> <i>4= 1&2 not used If the answer is 4 go to the next plot</i>	2.9 Fertilizers used in Season B 2013	2.10 Pesticides used/will be used in Season B 2013
		Code	Type of Fertilizer (Find Codes below)	Type of Pesticide (Find Codes below)
9				
10				
11				
12				
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				

Part II: Use of Intermediate Consumption and Inputs (Season B, Phase I),
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
		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. Mixer					
18. Mortar					
19. Mill					
20. Basket					

Part II: Use of Intermediate Consumption and Inputs (*Season B, Phase I*),
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 <i>If the answer is 2 Skip to Question 2.16</i>	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
		Number	Unit Price (RWF)	Total Cost (RWF)	Number
21. Sack					
22. Big basket					
23. Pitcher					
24. Winnower					
25. Basket					
26. Basket					
27. Churn					
28. Calabash					
29. Milk can					
30. Milk jug/Milk container					
31. Balance/Scale					
32. Jerry-can					
33. Barrel					
34. Bike					
35. Craft bike					
36. Bowl					
37. Sheeting					
38. Hoe Handle					
39. Others (specify)					

THANK YOU FOR YOUR COOPERATION!