

NATIONAL AGRICULTURAL SURVEY (NAS 2008)
(Agricultural Season A / B 20)

FORM 1: Characteristics of members of agricultural household
(To be completed once at the beginning of the survey)

Province : _____/___/___	Cell : _____/___/___	Date of interview : ___/___/___ FROM ___H___ TO ___H___
District : _____/___/___	N°EA/ ZD : _____/___/___	Name of Enumerator : _____
Sector : _____/___/___	Name of agricultural farmer : _____/___/___	Name & Signature of Supervisor:-----
Cell :-----		

LINE No.	Members of the agricultural household	Relationship to Head of household	Sex	Age	Marital status (Persons aged 12 and over)	Literacy (Persons aged 6 and over)	Education level (Persons aged 6 and over)	Principal activity (Persons aged 6 and over)	Secondary activity (Persons aged 5 and over)
	<i>Write the names of the persons who usually live in the household starting by the Head of household including who were absent during a period less than three months</i>	Head =1 Wife or Husband =2 Son or Daughter =3 Parent =4 Brother or Sister =5 Other relative = 6 Not related =7	Male =1 Female =2	In completed years	Single =1 Married =2 Common-law =3 Divorced=4 Widowed =5 Separated =6	Can't read nor write =1 Can read only =2 Can read and write =3	Never been at school =1 Primary Incomplete =2 Primary complete =3 Post-primary Vocational =4 Secondary incomplete =5 Secondary. complete =6 Higher education incomplete =7 Higher education =8	Farmer =1 Agricultural family house help =2 Agricultural family house help =2 Agricultural employee =4 Farm laborer =5 Non farm Laborer =6 Independent artisan =7 Artisan employee =8 Trader =9 Civil servant =10 Student =11 Domestic househelp =12 Other (specify) =13 No activity =14	Farmer =1 Agricultural family house help =2 Agricultural family house help =2 Agricultural employee =4 Farm laborer =5 Non farm Laborer =6 Independent artisan =7 Artisan employee =8 Trader =9 Civil servant =10 Student =11 Domestic househelp =12 Other (specify) =13 No activity =14
1	2	3	4	5	6	7	8	9	10
1.		1							
2.									
3.									
4.									
5.									

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 2.1: Identification of blocks of the holding <i>(To be completed at the beginning of each season)</i>	

Province : _____ / / /	Village/U mudugudu : _____ / / /	Date and period of fill in: __ / __ / __ from __ H __ to __ H __
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / / /	Name & Signature of Supervisor:-----
Cell : _____ / / /		Date : __ / __ / __

Note: Before calling the farmer to accompany you to visit the blocks and fields, it is very important that you bring to declare all its blocks. He may be tempted not to declare the farthest if he realizes he has to take you there. Ask a question like "Could you tell us where are located all the blocks of land that the household currently uses for its agricultural activities, breeding, afforestation and even fallow. Fill at home columns 1, 2, 3 and the other columns should be filled on field.

Order number	Location of block	Area of block	Access time from housing	Acquisition mode	Crop typology	Cultivation method	Main method of erosion control
	Where is the block located ? (Indication commonly used by household member to orientate) E.g : Near the enclosure ; in the valley	In m ²	Minutes	Inheritance =1 Purchase =2 Gift received =3 Free use =4 Sharecropping/rent =5 Voluntary sharing =6 Donated by the State =7 Other =8	Rainfed crops =1 Irrigated =2 Drainage =3 Watering =4	Traditional method =1 Animal traction =2 Mechanized farming =3	Radical terraces without hedge =1 Radical terraces with hedge =2 Anti-erosion ditches without hedge =3 Anti-erosion ditches without hedge =4 Fence made of wood or grass =5 No anti-erosion device =6
1.	2.	3.	4.	5.	6.	7.	8.
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 2.2: Sketch of basic blocks <i>(To be completed 6 weeks after the start of the season)</i>
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Province : _____/_____/_____/_____	Village / Umutugudu: _____/_____/_____	Date and period of fill in: ____/____/____ from ____H____ to ____H____
District : _____/_____/_____/_____	N°EA/ ZD : _____/_____/_____	Name of Enumerator : _____
Sector : _____/_____/_____/_____	Name of agricultural farmer: _____/_____/_____	Name & Signature of Supervisor:-----
Cell :.....		Date : ____/____/____

Sketch the block diagram with the fields inside. Enumerate those fields and mark the names of the crops planted in each one. Keep this sheet until the end of the survey for current season. It will allow you to speak always the same language with the farmer about the number of blocks, their location and the fields inside.

BLOC N°.....	BLOC N°.....
BLOC N°.....	BLOC N°.....

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 2.3: Data of the field <i>(To be completed 6 weeks after the start of the season and whenever necessary)</i>
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Note : This form must be filled in each field in the presence of the farmer or of his representative. Any field that is expected for sowing / planting before the end of the season will be revisited after the date of the planting and a new sheet will be filled on this occasion for the crops concerned only.

Province : _____/___/___	N°EA/ ZD : _____/___/___	Date and period of fill in: ___/___/___ from ___H___ to ___H___
District : _____/___/___	Name of agricultural farmer : _____/___/___	Name of Enumerator : _____
Sector : _____/___/___	Location and N°of block : _____/___/___	Name & Signature of Supervisor:-----
Cell : _____/___/___	N°of field : _____/___/___	Date : ___/___/___

Characteristics of the field

01. Position

1. On hilltop

2. On hillside

3. On hillfoot

4. In the plain

5. On marsh

02. Area of the field (Ha)

		.						
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03. Main purpose of the field:

1. Food crops

2. Cash crops

3. Forage crops

4. Fallow

5. Uncultivated field/ Pasture

6. Afforestation

7. Other use

Get help from the farmer to fill the following tables. The date will be presented as follows: October 2003 = 10/03. February 1999 = 02/99. See the codes crops at the bottom of the next page.

	Put the names of five crops in descending order				
Name of crop →					
Code of crop →					
	1	2	3	4	5
04. Date of sowing/planting or starting of fallow/pasture (MONTH/YEAR)					
05. Did the sowing/planting take place during current season? Yes=1 No=2 →09					
06. Quantity of common seed used (In Kg)					
07. Quantity of plants used (Number)					
08. Quantity of improved seed used (In Kg)					
09. Manure of cattle has been implemented. Yes=1. No=2					
10. Manure of small livestock has been implemented? Yes=1. No=2					
11. Manure from toilets has been implemented? Yes=1. No=2					
12. Manure from compost has been implemented? Yes=1. No=2					
13. Green manure has been implemented? Yes=1. No=2					

14. Have you applied mulch on the crop?					
15. Quantity of chemical/mineral fertilizer used (in Kg)					
16. Quantity of pesticides used (in l)					
17. Quantity of pesticides used (in Kg)					
18- Number of time pesticides have been applied					
19. The use of main part of harvest : Household consumption =1. Feed for livestock = 2. Marketing = 3. Other = 4.					
20. Quantity of seeds/plants required for sowing /planting whole field in monoculture (en Kg)					
21. Main water source for the crop: Rains= 1. Irrigation = 2. Drainage = 3. Watering = 4					

Name of crop →	Put the names of five crops to be sowed/planted by the current season				
	1	2	3	4	5
Code of crop →					
22. Scheduled date for sowing (DD/MM)?					

Code des cultures

1. Bush beans	26. Carrot	51. Avocado ordinary
2. Climbing beans	27. Cucumber	52. Avocado Hass
3. String beans	28. Beetroot	53. Japanese plum
4. Peas	29. Lettuce	54. Coffee
5. Groundnuts	30. Spinach	55. Tea
6. Soybean	31. Garlic	56. Pyrethrum
7. Sorghum	32. Eggplant	57. Tobacco
8. Maize	33. Squash, Pumpkin, Marrow	58. Sugarcane
9. Sunflower	34. Onion	59. Vanilla
10. Wheat	35. Okra	60. Geranium
11. Rice	36. Leek	61. Macadamia
12. Soft cassava	37. Pepper	62. Mulberry tree / Iboberi
13. Bitter cassava	38. Celery	63. Patchouli
14. Sweet potato	39. Parsley	64. Flowers
15. Irish potato	40. Dwarf pepper	65. Ornamental trees
16. Taro	41. Chillies (Pili-pili)	66. Currants
17. Banana for cooking/plantain	42. Orange	67. Vegetables dodo
18. Banana for wine	43. Lemon	68. Somba
19. Apple banana Kamara	44. Mango	69. Moringa
20. Other apple banana	45. Guava	70. Pastures
21. Eleusine	46. Passion fruit	71. Afforestation
22. Yam	47. Mushrooms	72. Fallow
23. Cauliflower	48. Pineapple	75. Other
24. Cabbage	49. Strawberry	
25. Tomato	50. Papaya	

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 2.4: List of cultures <i>(To be completed 6 weeks after the start of the season and whenever necessary)</i>	

Note : This form must be filled for each agricultural farmer.

Province : _____/___/___	N°EA/ ZD : _____/___/___	Name of Enumerator : _____
District : _____/___/___	Name of agricultural farmer : _____/___/___	Name & Signature of Supervisor:-----
Sector : _____/___/___	Date and period of fill in: ___/___/___ from ___H___ to ___H___	Date : ___/___/___
Cell : _____/___/___		

Crop	Crop Code	Did you grow during current season? YES..... 1 NO 2
Bush beans	1	
Climbing beans	2	
String beans	3	
Peas	4	
Grounuts	5	
Soybean	6	
Sorghum	7	
Maize	8	
Sunflower	9	
Wheat	10	
Rice	11	
Soft Cassava	12	
Bitter Cassava	13	
Sweet potato	14	
Irish potato	15	
Taro	16	
Banana for cooking	17	
Banana for wine	18	
Banana Gromichel	19	
Banana Kamaramasenge	20	
Eleusine	21	
Yam	22	
Cauliflower	23	
Cabbage	24	
Tomato	25	
Carrot	26	
Cucumber	27	
Beetroot	28	
Lettuce	29	
Spinach	30	
Garlic	31	
Eggplant	32	
Squash, Pumpkin, Marrow	33	
Onion	34	

Crop	Crop Code	Did you grow during current season? YES..... 1 NO 2
Okra	35	
Leek	36	
Pepper	37	
Celery	38	
Parsley	39	
Dwarf pepper	40	
Chillies (Pili-pili)	41	
Orange	42	
Lemon	43	
Mango	44	
Guava	45	
Passion fruit	46	
Mushrooms	47	
Pineapple	48	
Strawberry	49	
Papaya	50	
Avocado ordinary	51	
Avocado Hass	52	
Japanese plum	53	
Coffee	54	
Tea	55	
Pyrethrum	56	
Tobacco	57	
Sugarcane	58	
Vanilla	59	
Geranium	60	
Macadamia	61	
Mulberry tree / Iboberi	62	
Patchouli	63	
Flowers for trade	64	
Ornamental trees	65	
Gaperi / Currants	66	
Vegetable dodo	67	
Other	68	

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20 ...)	
	FORM 3: Purchase of agricultural inputs <i>(To be completed by the end of each month)</i>	

Province : _____/___/___	N°EA/ ZD : _____/___/___	Date and period of fill in: ___/___/___ from ___H___ to ___H___
District : _____/___/___	Name of agricultural farmer : _____/___/___	Name of Enumerator : _____
Sector : _____/___/___	Achats du mois de : _____/___/___	Name & Signature of Supervisor:-----
Cell : _____/___/___	Date : ___/___/___	

1. Agricultural equipment and tools (Code: See bottom of next page)

Item	Code	Number bought last month	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Number received from a non agricultural donor

2. Common seeds (Code: See bottom of next page. if crop code <10. Write 20 followed by the code. e.g. : Maize=207. If crop code >10 write 2 followed by the code. E.g. : Irish potato=213)

Item	Code	Amount bought last month (in Kg)	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Amount received from a non agricultural donor (in Kg)

3. Improved seeds (Code: See bottom of next page. if crop code <10. Write 30 followed by that code. e.g. : Maïs=307. If crop code >10. Write 3 followed by the code. e.g.: Irish potato=313)

Item	Code	Amount bought last month (in Kg)	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Amount received from a non agricultural donor (in Kg)

4. Chemical fertilizer (Code : NPK=401. DAP=402. Urea=403. Lime=404. Other type=405)

Item	Code	Amount bought last month (in Kg)	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Amount received from a non agricultural donor (in Kg)

5. Common manure (Code: Green manure= 501. Manure from toilets= 502. Manure of cattle= 503. Manure from small livestock=504. Manure from compost=505. Other type=506)

Item	Code	Amount bought last month (in Kg)	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Amount received from a non agricultural donor (in Kg)

6. Pesticides (Code : Dithane=601. Dursban=602. Sumicombi=603. Oxychlorure de cuivre=604. Ridomil=605. DDT=606 Thiodan=607. Other= 608)

Item	Code	Amount bought last month	Unit Kg=1. Litre=2	Purchase value (in RWF) (unit price)	Total value spent (RWF)	Amount received from a non agricultural donor	Unit Kg=1. Litre=2

7. Paid labor force (Code : Permanent employee 701. Temporary Cash 702. Temporary paid in kind 703)

Type of labor force	Code	Number of labor days used last month	Total value of remuneration (RWF)

Crop code

1. Bush beans 2. Climbing beans 3. String beans 4. Peas 5. Grounuts 6. Soybean 7. Sorghum 8. Maize 9. Sunflower 10. Wheat 11. Rice 12. Soft Cassava	13. Bitter Cassava 14. Sweet potato 15. Irish potato 16. Taro 17. Banana for cooking 18. Banane for beer 19. Apple Bananat Kamara 20. Other apple banana 21. Eleusine 22. Yam 23. Cauliflower 24. Cabbage 25. Tomato	26. Carrot 27. Cucumber 28. Beetroot 29. Lettuce 30. Spinach 31. Garlic 32. Eggplants 33. Squash, Pumpkin, Marrow 34. Onion 35. Gombo Okra 36. Leek 37. Pepper 38. Celery 39. Parsley 40. Dwarf pepper	41. Chillies (Pili-pili) 42. Orange 43. Lemon 44. Mango 45. Guava 46. Passiflore 47. Mushrooms 48. Pineapple 49. Strawberry 50. Papaya 51. Avocado ordinary 52. Avocado Hass 53. Japanese plum 54. Coffee 55. Tea	56. Pyrethrum 57. Tobacco 58. Sugarcane 59. Vanilla 60. Geranium 61. Macadamia 62. Mulberry tree / Iboberi 63. Patchouli 64. Flowers for trade 65. Ornamental trees 66. Gaperi / Groseille 67. Vegetable dodo 68. Sombe 69. Moringa 75. Other
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Codes of small tools and farm equipments

101. Hoe 102. Spring hoe 103. Hoe majagu 104. Pick /Ipiki 105. Wheelbarrow 106. Shovel / Igitiyo	107. Sprayer 108. Watering can 109. Scie 110. Sickle 111. Sécateurs 112. Scythe	113. Axe/ Ishoka 114. Machete 115. Billhook 116. Mixer/ Umuvure 117. Mortar / Isekuru 118. Mill / Urusyo	119. Basket 120. Sack 121. Big basket 122. Loft / Ikigega 123. Pitcher 124. Winnower 125. Basket/ Ikibo	126. Basket/ Inkangar 127. Churn / Igisabo 128. Calabash 129. Milk can/igicuba 130. Milk jug/ Icyansi 131. Milk container 132. Scales 133. Jerry-can	134. Barrel 135. Radio 136. Bike 137. Craft bike 138. Bowl /ingemeru 139. Other
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NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 4.1: Register for daily harvest <i>(To be completed by the operator for each day of harvest)</i>
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Province : _____ / /	Cell : _____ / /	Date of register deposit (dd/mm/yy) : / / / /
District : _____ / /	N°EA/ ZD : / /	Name of Enumerator : _____
Sector : _____ / /	Name of agricultural farmer : _____ / /	Name & Signature of Supervisor:-----
		Date : ____ / ____ / ____

Notes:

Each harvested product must be recorded in the daily register.

Each evening, the farmer controls the entries in the register by asking other members of the farm everything that has been harvested in the fields today.

Keeping the register:

At home, in a safe place. The register must be kept in a plastic bag with a pencil and an eraser. Do not take it with you on the field or elsewhere.

Day of harvesting	Date of harvesting	Harvested crop (Note each crop per line)	Harvested Quantity		Sold Quantity	
			Quantity	Unit of measure Kilo : 1 Litre : 2 Number/ pieces : 3	Quantity	Unit of measure Kilo : 1 Litre : 2 Number/ pieces : 3
1.	2.	3.	4.	5.	6.	
Monday	27/09/20	Banana for	50	1	20	1
Thursday	30/09/20	Irish potato	20	1	0	1

Harvested crops code

1. Bush beans	13. Bitter Cassava	26. Carrot	41. Chillies (Pili-pili)	56. Pyrethrum
2. Climbing beans	14. Sweet potato	27. Cucumber	42. Orange	57. Tobacco
3. String beans	15. Irish potato	28. Beetroot	43. Lemon	58. Sugarcane
4. Peas	16. Taro	29. Lettuce	44. Mango	59. Vanilla
5. Grounuts	17. Banana for cooking	30. Spinach	45. Guava	60. Geranium
6. Soybean	18. Banane for wine	31. Garlic	46. Passiflore	61. Macadamia
7. Sorghum	19. Banane fruit Kamara	32. Eggplants	47. Mushrooms	62. Mulberry tree / Iboberi
8. Maize dry grains	20. Other fruit banana	33. Squash, Pumpkin, Marrow	48. Pineapple	63. Patchouli
9. Sunflower	21. Eleusine	34. Onion	49. Strawberry	64. Flowers
10. Wheat	22. Yam	35. Gombo Okra	50. Papaya	65. Ornamental trees
11. Rice	23. Cauliflower	36. Leek	51. Avocado ordinary	66. Gaperi / Groseille
12. Soft Cassava	24. Cabbage	37. Pepper	52. Avocado Hass	67. Vegetable dodo
	25. Tomato	38. Celery	53. Japanese plum	68. Sombe
		39. Parsley	54. Coffee	69. Moringa
		40. Dwarf pepper	55. Tea	73. Fresh beans
				74. Fresh peas
				75. Fresh maize
				76. Dry maize in ear
				77. Other

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 4.2: Summary of monthly record for daily harvest <i>(To be completed by the end of each month during the season)</i>
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Province : _____ / /	Cell : _____ / /	Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___
District : _____ / /	N°EA/ ZD : : _____ / /	Name of Enumerator : _____
Sector : _____ / /	Name of agricultural farmer : _____ / /	Name & Signature of Supervisor:-----
	Production du mois de : _____ / /	Date : _____ / /

Harvested crop	Code of harvested crop	Harvested Quantity		Sold Quantity	
		Quantity	Unit of measure Kilo : 1 Litre : 2 Number/ pieces : 3	Quantity	Unit of measure Kilo : 1 Litre : 2 Number/ pieces : 3
1.	2.	3.	4.	5.	6.

Harvested crops code

1. Bush beans	13. Bitter Cassava	26. Carrot	41. Chillies (Pili-pili)	56. Pyrethrum
2. Climbing beans	14. Sweet potato	27. Cucumber	42. Orange	57. Tobacco
3. String beans	15. Irish potato	28. Beetroot	43. Lemon	58. Sugarcane
4. Peas	16. Taro	29. Lettuce	44. Mango	59. Vanilla
5. Grounuts	17. Banana for cooking	30. Spinach	45. Guava	60. Geranium
6. Soybean	18. Banane for wine	31. Garlic	46. Passiflore	61. Macadamia
7. Sorghum	19. Banane fruit Kamara	32. Eggplants	47. Mushrooms	62. Mulberry tree / Iboberi
8. Maize dry grains	20. Other fruit banana	33. Squash, Pumpkin, Marrow	48. Pineapple	63. Patchouli
9. Sunflower	21. Eleusine	34. Onion	49. Strawberry	64. Flowers
10. Wheat	22. Yam	35. Gombo Okra	50. Papaya	65. Ornamental trees
11. Rice	23. Cauliflower	36. Leek	51. Avocado ordinary	66. Gaperi / Groseille
12. Soft Cassava	24. Cabbage	37. Pepper	52. Avocado Hass	67. Vegetable dodo
	25. Tomato	38. Celery	53. Japanese plum	68. Sombe
		39. Parsley	54. Coffee	69. Moringa
		40. Dwarf pepper	55. Tea	73. Fresh beans
				74. Fresh peas
				75. Fresh maize
				76. Dry maize in ear
				77. Other

NATIONAL INSTITUTE OF STATISTICS OF RWANDA		NATIONAL AGRICULTURAL SURVEY (NAS 2008)			
		(Agricultural Season A / B 20)			
		FORM 5.1: Inventory of livestock (To be completed once at the beginning of the season)			
Province : _____ / / /		Cell : _____ / / /		Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___	
District : _____ / / /		N°EA/ ZD : _____ / / / /		Name of Enumerator : _____	
Sector : _____ / / /		Name of agricultural farmer : _____ / / / /		Name & Signature of Supervisor:-----	
				Date : _____ / ___	
1. Type of livestock		1. Total number of animals in the holding <i>If n= 0. skip to the following type</i>		2. Number of animals in lactation	
Cattle	Local race (Ankole)	Dairy cow	_____ / / /	_____ / / /	
		Heifers	_____ / / /		
		Calves	_____ / / /		
		Bull-calves	_____ / / /		
		Castrated males	_____ / / /		
		Bulls	_____ / / /		
	Hybrid or exotic race	Dairy cow	_____ / / /	_____ / / /	
		Heifers	_____ / / /		
		Calves	_____ / / /		
		Bull-calves	_____ / / /		
		Castrated males	_____ / / /		
		Bulls	_____ / / /		
Goats	Local race	_____ / / /			
	Hybrid or exotic race	_____ / / /			
Sheep	Local race	_____ / / /			
	Hybrid or exotic race	_____ / / /			
Pigs	Local race	_____ / / /			
	Hybrid or exotic race	_____ / / /			
Rabbits		_____ / / /			
Chickens	Local race	_____ / / /			
	Hybrid or exotic race	_____ / / /			
Other poultry		_____ / / /			
Guinea- pigs		_____ / / /			
2. Do you own a cowshed?		YES.....1		NO.....2	
3. Which farming method for cattle do you use?		Stalling.....1		Roaming2	
				Stalling and roaming.....3	
4. Which is the main source of feed for livestock?		Forage field =1 Along anti-erosion ditches=2. Tuffets /plants within fields= 3. Gleaning grass in bushes=4. Purchasing feed =5		Area of field (in m2)	
				Length of ditches (in m)	

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 5.2: Flux and animal production <i>(To be completed by the end of each month)</i>
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Province : _____ / / /	N° EA/ ZD : _____ / / / /	Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___
District : _____ / / /	Name of agricultural farmer : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Production of the month of : _____ / / / /	Name & Signature of Supervisor: _____
Cell : _____ / / /		Date : ___ / ___ / ___

Types of livestock / Products	Code	Number/Q uantity purchase d	Free gift from other household	Free gift from Organization	Born/Produced on holding	Number/Quantity sold	Number/Quantity given out as gift	Number/Quantity lost		Number/Quant ity consumed within household	Declared unit of measure
								Dead	Stolen		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
Cattle	71										
Goat	72										
Sheep	73										
Pig	74										
Rabbit	75										
Chicken	76										
Duck	77										
Turkey	78										
Guinea-pig	79										
Cow milk	80										
Other milk	81										
Skins	82										
Chicken egg	83										
Other egg	84										
Butter	85										
Lard	86										

Code of unit of measure
Kg..... =1
Litre..... = 2
Number of animals = 3
Number of pieces= 4

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 6: Squares yield <i>(To be completed 2 months after the start of the season)</i>	

Province : _____/____/____	N°EA/ ZD : _____/____/____	Date and period of fill in: ____/____/____ from ____ H ____ to ____ H ____
District : _____/____/____	Name of agricultural farmer : _____/____/____	Name of Enumerator : _____
Sector : _____/____/____	Location and Bloc number : _____/____/____	Name & Signature of Supervisor: _____
Cell : _____/____/____	Field number : _____/____/____	Date : ____/____/____

Note : To select randomly (using a table of random numbers) 2 farms on the list of 12 farms to be followed by each enumerator. All fields within these two farms will be characterized by using yield squares method. The dimensions of the yield squares will be determined in reference to the density of the crop. 3 yield squares of 2m x 2m (5m x 5m in the case of bananas) should be put randomly in each field.

Order number	Dimensions <i>Ex : 2mX2m</i>	Crop	Crop Code	Number of plants / tufts counted on square	Unit of counting <i>Plant = 1 Tuft = 2</i>	Harvested amount	Unit <i>Kg = 1</i>
		1.	2.	3.	4.	5.	6.
Square 1							
Square 2							
Square 3							

Harvested crops code

1. Bush beans	13. Bitter Cassava	26. Carrot	41. Chillies (Pili-pili)	56. Pyrethrum
2. Climbing beans	14. Sweet potato	27. Cucumber	42. Orange	57. Tobacco
3. String beans	15. Irish potato	28. Beetroot	43. Lemon	58. Sugarcane
4. Peas	16. Taro	29. Lettuce	44. Mango	59. Vanilla
5. Grounuts	17. Banana for cooking	30. Spinach	45. Guava	60. Geranium
6. Soybean	18. Banane for wine	31. Garlic	46. Passiflore	61. Macadamia
7. Sorghum	19. Banane fruit Kamara	32. Eggplants	47. Mushrooms	62. Mulberry tree / Iboberi
8. Maize dry grains	20. Other apple banana	33. Squash, Pumpkin, Marrow	48. Pineapple	63. Patchouli
9. Sunflower	21. Eleusine	34. Onion	49. Strawberry	64. Flowers for trade
10. Wheat	22. Yam	35. Gombo Okra	50. Papaya	65. Ornamental trees
11. Rice	23. Cauliflower	36. Leek	51. Avocado ordinary	66. Gaperi / Groseille
12. Soft Cassava	24. Cabbage	37. Pepper	52. Avocado Hass	67. Vegetable dodo
	25. Tomato	38. Celery	53. Japanese plum	68. Sombe
		39. Parsley	54. Coffee	69. Moringa
		40. Dwarf pepper	55. Tea	75. Other

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 7.1: Register for daily fishery products <i>(To be completed by the farmer each fishing day)</i>
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Province : _____ / / /	Village / Umudugudu ----- / / /	Date and period of fill in: __ / __ from __ H__ to __ H__
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / /	Name & Signature of Supervisor:-----
Cell : _____ / / /		Date : _____

Note:

The harvest of fishery must be registered daily on this sheet whenever fishing took place.
Each evening the head of household checks the registration of any quantity of fish harvested that day.

This form must be kept in a safe place in a plastic bag together with a pencil and an eraser.

Fishing day	Fishing date	Quantity of captured fish (in Kg)	Total value (in RWF)

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20 ...)	
	FORM 7.2: Fishing activities <i>(To be completed into 3 passages during the season)</i>	

Province : _____/___/___	Village/U mudugudu: _____/___/___	Date and period of fill in: ___/___/___ from ___ H___ to ___ H___
District : _____/___/___	N°EA/ ZD : _____/___/___	Name of Enumerator : _____
Sector : _____/___/___	Name of agricultural farmer : _____/___/___	Name & Signature of Supervisor:.....
Cell : _____/___/___		Date : ___/___/___

1. Does household own a fishpond?	Yes 1	No ... 2	
<<IF NO=2. SKIP TO QUESTION 3>>			

2. Area of fish pond ?	In m2				
-------------------------------	-------	--	--	--	--

3. Does a household member practice fishing?	Yes 1	No ... 2	
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4. Which method of fishing is used?	As independent fisherman.. 1	
	In association ...2	
	Both methods...3	

5. If in association, how many members are there ?	
---	--

6. Which is the main tool used for fishing?		As independent	In association
	Pirogue ...1		
	Net....2		
	Angling....3		

		Since the beginning of this agricultural season		Since my last passage		Since my last passage	
		As independent	In Association	As independent	In Association	As independent	In Association
7. What quantity of fish (in Kg) drawn from ...?	Ponds						
	Lakes and rivers						
8. What income earned from fishing...? (RWF)	Ponds						
	Lakes and rivers						

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 8: Activities of beekeeping <i>(To be completed only once at the end of the season)</i>	

Province : _____ / ___ / ___	Cell : _____ / ___ / ___	Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___
District : _____ / ___ / ___	N°EA/ ZD : _____ / ___ / ___	Name of Enumerator : _____
Sector : _____ / ___ / ___	Name of agricultural farmer : _____ / ___ / ___	Name & Signature of Supervisor:.....
		Date : ___ / ___ / ___

1. Does your household practice beekeeping?	YES.....1. No2
<<IF NO=2. GO TO FORM 9>>	

2. Which method of beekeeping ?	As independent = 1			In association =2			Both methods =3		
	/___/			/___/			/___/		
	Tradition alway =1	Modern way =2	Both ways =3	Tradition alway =1	Modern way =2	Both ways =3	Traditiona l way =1	Modern way =2	Both ways =3
/___/			/___/			/___/			

3. If you work in association, how many members are you ?	Using tradition way	Using modern way	Using both ways
	/___/___/___/	/___/___/___/	/___/___/___/

4. Number of hives owned by the household	Traditional hives	Modern hives
	/___/___/___/	/___/___/___/
5. Number of hives owned by association	Traditional hives	Modern hives
	/___/___/___/	/___/___/___/

How often do you harvest honey from your own hives by agricultural season?	Traditional hives	Modern hives
	/___/___/___/	/___/___/___/

7. What average amount of honey do you harvest at every turn (in Kg)? ?	Traditional hives	Modern hives
	/___/___/___/	/___/___/___/

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20) FORM 9: Activities of forestry <i>(To be completed in 3 passages during the season)</i>
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Province : _____ / / /	Cell : _____ / / /	Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / /	Name & Signature of Supervisor:.....
		Date : _____ / ___

1. Does your household possess a real afforestation?	Yes 1	No ... 2	
2. Does your household have trees planted elsewhere?	Yes ... 1	No ... 2	

<<IF NO=2 FOR BOTH QUESTIONS. GO TO QUESTION 7>>

3. How many fruit trees ?						
4. How many trees planted in association with crops?						
5. How many trees planted elsewhere?						
6. How many trees are in your afforestation?						

7. What is the main source of energy used by your household for cooking?	Household afforestation.....1	
	Glean firewood (in public afforestations).....2	
	Glean firewood (in afforestations of neighbors)....3	
	Use crop residues for cooking.....4	
	Buy firewood.....5	
	Other.....6	

	Since the beginning of the current agricultural season?	Since my last passage	Since my last passage
8. How much money have you earned by selling timber (FRW)			
9. How much money have you earned by selling sawn wood? (FRW)			
10 How much money have you earned by selling firewood? (FRW)			
11. How many sacks of charcoil have you produced (Number)			

12. How much money have you earned by selling charcoal? (FRW)				
13. Have you planted trees ?	YES 1			
	NO 2			
14. If YES, how many plants ? (NUMBER)				

15. What was the main source requested for plants to make your planting?	Public tree nursery..... 1	
	Tree nursery of NGOs 2	
	Tree nursery of household..... 3	
	Buying plants..... 4	
	Donation..... 5	
	Other..... 6	

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 10: Activities of horticulture <i>(To be completed once at the end of the growing season)</i>	

Province : _____ / / /	Cell : _____ / / /	Date and period of fill in: ____ / ____ from ____ H ____ to ____ H ____
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / /	Name & Signature of Supervisor: _____
		Date : ____ / ____ / ____

1. Did your household grow vegetables?	YES... 1	NO... 2	
2. Did your household grow fruit trees?	YES... 1	NO..... 2	
3. Did your household grow ornamental trees?	YES... 1	NO..... 2	
4. Did your household grow flowers?	YES... 1	NO... 2	
5. What was the main supplier of tree plants or flowers?	Public tree nursery =1 Nursery of NGOs =2. Nursery of household =3. Buying plants =4.		

<<IF NO=2 FOR ALL QUESTIONS. END INTERVIEW>>

Crop	Code	Did you grow during current season? YES..... 1 NO 2 (next crop)	Cultivated area for		Is this crossbreeding result? YES. 1 NO.2	Do you sell...? YES... 1 NO.... 2	Where do you find the market for this crop? Close neighborhood =1 Far from here =2 Foreign countries=3	What kind of benefit do you get from the crop?	
			Area (m ²)	Number of plants /tufts				Money YES... ..1 NO. . 2	Consumption for household YES..... 1 NO.. . 2
Peas	1								
Tomato	2								
String beans	3								
Dwarf red pepper	4								
Carrot	5								
Mushrooms	6								
Onion	7								
Garlic	8								
Maracuja	9								
Pineapple	10								
Papaya	11								
Avocado hass	12								
Banana Kamaramasenge	13								
Macadamia	14								
Apple	15								
Gaperi / Groseille	16								
Japanese plum	17								
Pyrethrum	18								
Flowers	19								
Ornamental trees	20								
Geranium	21								
Patchouli	22								
Mulberry tree / Iboberi	23								

NATIONAL INSTITUTE OF STATISTICS OF RWANDA	NATIONAL AGRICULTURAL SURVEY (NAS 2008) (Agricultural Season A / B 20)	
	FORM 11: Storage of harvest <i>(To be completed once during the month before harvest)</i>	

Province : _____ / / /	Cell : _____ / / /	Date and period of fill in: ____ / ____ from ____ H ____ to ____ H ____
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / / /	Name & Signature of Supervisor:-----
		Date : ____ / ____ / ____

Crop	Code	Amount harvested in previous agriculture season left and kept in stock (in Kg) ofr crop.....	
		At home ?	In granaries ?
Bush beans	1		
Climbing beans	2		
Peas	3		
Grounuts	4		
Soybean	5		
Sorghum	6		
Maize	7		
Wheat	8		
Rice	9		
Bitter cassava	10		
Irish potato	11		
Eleusine	12		

NATIONAL INSTITUTE OF STATISTICS OF RWANDA

**NATIONAL AGRICULTURAL SURVEY (NAS 2008)
(Agricultural Season A / B 20)**

**FORM 12: Nutrition and household food
(To be completed after six months)**

Province : _____ / / /	Cell : _____ / / /	Date and period of fill in: ___ / ___ from ___ H ___ to ___ H ___
District : _____ / / /	N°EA/ ZD : _____ / / / /	Name of Enumerator : _____
Sector : _____ / / /	Name of agricultural farmer : _____ / / /	Name & Signature of Supervisor:-----
		Date : ___ / ___

SECTION 1 : FOOD SOURCES AND CONSUMPTION

1	YESTERDAY. HOW MANY TIMES DID THE <u>ADULTS</u> IN THIS HOUSEHOLD EAT?	TIMES <input type="text"/>	2	YESTERDAY. HOW MANY TIMES DID THE <u>CHILDREN</u> IN THIS HOUSEHOLD EAT??	TIMES <input type="text"/>					
3	IS THIS USUAL <u>AT THIS TIME OF YEAR ?</u>	<input type="checkbox"/>	1	YES FOR ADULTS YES FOR CHILDREN	<input type="checkbox"/>	3	NO FOR ADULTS NO FOR CHILDREN	<input type="checkbox"/>		
4. COULD YOU PLEASE TELL ME HOW MANY DAYS IN THE PAST ONE WEEK YOUR HOUSEHOLD HAS EATEN THE FOLLOWING FOODS AND WHAT WAS THE SOURCE WAS (USE CODES BELOW. WRITE 0 FOR ITEM NOT EATEN OVER LAST 7 DAYS AND IF SEVERAL SOUCES. WRITE UP TO TWO)										
FOR FOOD RECALL IN LAST 7 DAYS (CHECK BOX IF CONSUMED)							FOOD ITEMS	5. # OF DAYS EATEN LAST 7 DAYS(TOTAL OF BOXES ON LEFT)	6. FOOD SOURCE (WRITE ALL)	
1	2	3	4	5	6	7			PRIMARY	SECONDARY
							1.4A	MAIZE (E.G : PASTA OF MAIZE)	<input type="checkbox"/>	<input type="checkbox"/>
							1.4B	RICE	<input type="checkbox"/>	<input type="checkbox"/>
							1.4C	OTHER CEREALS (SORGHUM...)	<input type="checkbox"/>	<input type="checkbox"/>
							1.4D	CASSAVA	<input type="checkbox"/>	<input type="checkbox"/>
							1.4E	SWEET POTATO	<input type="checkbox"/>	<input type="checkbox"/>
							1.4F	IRISH POTATO	<input type="checkbox"/>	<input type="checkbox"/>
							1.4G	OTHER ROOTS AND TUBERS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4H	BREAD AND OTHER PASTRY	<input type="checkbox"/>	<input type="checkbox"/>
							1.4I	BANANA FOR COOKING	<input type="checkbox"/>	<input type="checkbox"/>
							1.4J	BEANS , PEAS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4K	OTHER LEGUMES	<input type="checkbox"/>	<input type="checkbox"/>
							1.4L	SOMBE	<input type="checkbox"/>	<input type="checkbox"/>
							1.4M	GROUNUTS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4N	SUNFLOWER	<input type="checkbox"/>	<input type="checkbox"/>
							1.4O	FRESH FRUITS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4P	FISH	<input type="checkbox"/>	<input type="checkbox"/>
							1.4Q	MEAT OF DOMESTIC ANIMALS OR PRODUCT OF HUNTING	<input type="checkbox"/>	<input type="checkbox"/>
							1.4R	POULTRY	<input type="checkbox"/>	<input type="checkbox"/>
							1.4S	EGGS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4T	VEGETABLE/ANIMAL OILS	<input type="checkbox"/>	<input type="checkbox"/>
							1.4U	SUGAR	<input type="checkbox"/>	<input type="checkbox"/>
							1.4V	MILK	<input type="checkbox"/>	<input type="checkbox"/>

FOOD SOURCE CODES	1 = OWN PRODUCTION(CROPS. ANIMALS)	3 = EXCHANGE LABOUR/ITEMS FOR FOOD	5 = PURCHASES	7 = FOOD AID/SUBSIDIZED FOOD (NGOS. GOVT)
	2 = UNTING. FISHING. GATHERING	4 = BORROWED	6 = GIFT(FOOD) FROM FAMILY/RELATIVES	

SECTION 2 –SHOCKS AND FOOD SECURITY

1. DID YOU EXPERIENCE ANY UNUSUAL SITUATION DURING THE LAST 6 MONTHS THAT AFFECTED YOUR HOUSEHOLD'S ABILITY TO PROVIDE FOR ITSELF. EAT IN THE MANNER YOU ARE ACCUSTOMED TO OR AFFECTED WHAT YOUR HOUSEHOLD OWNED ?		1	YES	2	NON>>> END
1. IF YES. BY ORDER OF IMPORTANCE. WHAT PROBLEMS AFFECTED YOUR HOUSEHOLD IN LAST 6 MONTHS ? <i>DO NOT READ OPTIONS. WRITE NUMBER IN FRONT OF THE IDENTIFIED CAUSE BY ORDER OF IMPORTANCE(1=HIGHEST)</i>					
<input type="checkbox"/>	A. DROUGHT/IRREGULAR RAINS. PROLONGED DRY SPELL	<input type="checkbox"/>	B.FLOODS	<input type="checkbox"/>	C. LANDSLIDES. EROSION
<input type="checkbox"/>	E. UNUSUAL HIGH LEVEL OF LIVESTOCK DISEASES	<input type="checkbox"/>	F. UNUSUAL HIGH LEVEL OF HUMAN DISEASES	<input type="checkbox"/>	G. UNUSUAL HIGH PRICES FOR FOOD
<input type="checkbox"/>	I. LOSS OR REDUCED EMPLOYMENT FOR HOUSEHOLD MEMBER	<input type="checkbox"/>	J. REDUCED INCOME OF HOUSEHOLD MEMBER	<input type="checkbox"/>	K. SERIOUS ILLNESS OR ACCIDENT OF HOUSEHOLD MEMBER
<input type="checkbox"/>	M. DEATH OF A WORKING HOUSEHOLD MEMBER	<input type="checkbox"/>	N. DEATH OF OTHER HOUSEHOLD MEMBER	<input type="checkbox"/>	O. THEFT OF PRODUCTIVE RESOURCES
<input type="checkbox"/>	Q. HAILSTONES	<input type="checkbox"/>	R. OTHER		P. INSECURITY / VIOLENCE

FOR THE FOUR FIRST MAIN SHOCKS ABOVE. PLEASE COMPLETE THE FOLLOWING TABLE USING THE CODES. PLEASE BE CONSISTENT IN RANKING. COMPLETE ONE LINE AT THE TIME.

3. PROBLEM (RANKED AS ABOVE)	4. WHAT MONTHS DID [PROBLEM] AFFECT YOU?												5. DID [PROBLEM] CREATE A DECREASE OR LOSS OF INCOME IN CASH OR IN KIND? (1.=YES 2=NO)	6- DID [PROBLEM] CREATE A DECREASE OR LOSS OF ASSETS OR BELONGINGS (1.=YES 2=NO)	7 DID [PROBLEM] CREATE A AN UNUSUAL DECREASE IN YOUR HOUSEHOLD'S ABILITY TO HAVE ENOUGH FOOD TO EAT (1.=YES 2=NO)	8. WHAT DID THE HOUSEHOLD DO TO COMPENSATE FOR THOSE LOSSES ? USE CODES BELOW ET DO NOT EXCEED THREE MAIN RESPONSES	9. HAS THE HOUSEHOLD RECOVERED FROM THOSE LOSSES ? 1.=YES 2= NO 3=PARTIALLY	
	J	F	M	A	M	J	J	A	S	O	N	D						ALL
1. <input type="checkbox"/>														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
2. <input type="checkbox"/>														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
3. <input type="checkbox"/>														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
4. <input type="checkbox"/>														<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

- | | | |
|--|--|--|
| 01 = RELY ON LESS PREFERRED. LESS EXPENSIVE FOOD | 11 = SOME HH MEMBERS MIGRATED PERMANENTLY (> 6 MONTHS) | 21 = SOLD BIG ANIMALS-OXEN. COW. BULLS |
| 02 = BORROWED FOOD. HELPED BY RELATIVES | 12 =REDUCED EXPENDITURES ON HEALTH AND EDUCATION | 22 = RENTED OUT LAND |
| 03 = URCHASED FOOD ON CREDIT | 13 = SPEND SAVINGS | 23 = SOLD LAND |
| 04 = CONSUMED MORE WILD FOOD OR HUNTED | 14 = BORROWED MONEY | 24 = WORKED FOR FOOD ONLY |
| 05 = CONSUMED SEES STOCK HELD FOR NEXT SEASON | 15 = SOLD HH ARTICLES (UTENSILS. BLANKETS) OR JEWELRY | 25 = EXTENDED WORKING HOURS |
| 06 = REDUCED THE PROPORTIONS OF MEALS FOR ALL | 16 = SOLD AGRICULTURE TOOLS | 26 = CHILDREN TAKEN OUT OF SCHOOL |
| 07 = ADULTS ATE LESS SO THAT CHILDREN COULD EAT | 17 = SOLD BUILDING MATERIALS | 27 = MOVED HOUSE |
| 08 = REDUCED NUMBER OF MEALS PER DAY | 18 =SOLD HH FURNITURES | |
| 09 = SKIPPED DAYS WITHOUT EATING | 19 = SOLD HH POULTERY, BIRDS., DUCKS | |
| 10 = SOME HH MEMBERS MIGRATED TEMPORARY (< 6 MONTHS) | 20 = SOLD SMALL ANIMALS-GOATS, SHEEP,PIGS | |

Unusual crop pests and disease	Unusual livestock diseases
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.