A.13 Identification Code

OFFICE OF THE VICE PRESIDENT AND
MINISTRY OF PLANNING AND NATIONAL DEVELOPMENT
CENTRAL BUREAU OF STATISTICS
NAIROBI, KENYA

REPUBLIC OF KENYA

WELFARE MONITORING SURVEY III

AGRICULTURE QUESTIONNAIRE (Rural Households)

NON AGRICULTURAL INCOME AND FARM LABOUR (Rural and Urban Households)

CONFIDENTIAL

A. 1 ENUMERATOR'S NAME

A. 2 RESPONDENT'S NAME

A. 3 DISTRICT NAME

A. 4 CLUSTER NAME

A.5 ENTER TODAY'S DATE

DAY MONTH YEAR

A. 6 ENTER TIME NOW

H H M M

A AM

P PM

A. 7 IS THE RESPONDENT THE HEAD OF HOUSEHOLD?

Yes 1
No 2

A. 8 RESPONDENT'S SEX

1 Male
2 Female

QUESTIONNAIRE INSTRUCTIONS.

STEP 1: BUBBLE IN ALL THE ANSWERS. VERYFY THERE IS ONLY ONE ANSWER PER QUESTION, UNLESS OTHERWISE SPECIFIED.

STEP 2: EXAMINE ALL NUMBER GRIDS AND MAKE SURE THE NUMBERS BUBBLED IN MATCH THE NUMBERS WRITTEN IN THE BOX ABOVE EACH GRID.

A. 9 DISTRICT

A. 10 CLUSTER

A. 11 HOUSEHOLD

!!! IMPORTANT !!!

Create an identification code above, by combining district, cluster and household number. write this number NOW on top of all odd number pages, including this one.

A. 12 Has core questionnaire been filled for thi household? (if no, complete one now before

Yes Y
No N

COMMENTS

PART 1: FARMING AND AGRICULTURAL SERVICES TRENDS MODULE (FAST)

CREDIT

1.1 Do you need agricultural credit ?
- (Y) YES
- (N) NO

1.2 Have you received any agricultural credit in the last 12 months ?
- (Y) YES
- (N) NO

1.3 If yes, what was the main source ?
- (1) Family / Friend
- (2) Local trader
- (3) Cooperatives
- (4) Bank
- (5) AFC
- (6) Other _____

Interviewer, you may mark more than one answer

1.4 what problems did you experience?
- (1) No problem
- (2) Too little credit
- (3) High interest
- (4) Difficult to find
- (5) Repayments too short
- (6) Risky

1.5 Did any other household members receive credit in the last 12 months ?
- (Y) YES
- (N) NO (Go to next section)

1.6 What was the sex of these members ?
- (1) Male
- (2) Female

EXTENSION SERVICES

Interviewer, you may mark more than one answer

1.7 Have you or any other household member recently been contacted by, or attended a demonstration by, an agricultural extension staff ?
- (Y) Yes
- (N) No
- (7) Don't know

1.8 If yes, what was the sex of the members who participated ?
- (1) Male
- (2) Female

1.9 How long ago was the last contact visit?
- (1) Less than a week
- (2) 1 - 2 weeks ago
- (3) 2 - 4 weeks ago
- (4) Over 4 weeks ago

1.10 Is the information provided by the extension staff useful to you?
- (1) Not at all useful
- (2) Fairly useful
- (3) Very useful
- (4) Don't know

1.11 What proportion of the recommendations have you applied this last season ?
- (1) None
- (2) Less than half
- (3) More than half
- (4) All

FERTILIZER

1.12 Did you use fertilizer last season ?
- (Y) YES
- (N) NO (Go to next section)

1.13 Compared with the same season last year, did you use the same, less or more fertilizer ?
- (1) Less this season
- (2) The same
- (3) More this season
- (4) Don't know

1.14 What was the main source of fertilizer this season ?
- (1) Farm manure
- (2) Local market
- (3) Stockist / Merchan
- (4) Extension agent
- (5) Marketing board

LIVESTOCK

1.15 Do you or any other household members own livestock ?
- (Y) YES
- (N) NO (Go to next section)

1.16 Have you or any household member used veterinary artificial insemination services in the last 12 months ?
- (1) Yes, Government service
- (2) Yes, private service
- (3) Yes, other
- (4) No (Go to next section)

1.17 If yes, how do you evaluate the services?
- (1) Satisfactory
- (2) Unsuccessful
- (3) Too expensive
- (4) Too far away

1.18 If an animal gets sick, where is it taken for treatment ?
- (1) Government vet
- (2) Private vet
- (3) Other
- (4) Receives no treatment

PART 2: AGRICULTURE

Identification Code

2.1 Does the household operate a holding or own livestock ?

(Y) Yes
(N) No (Go to Part 3)

2.2 Has the holding a title deed ?

(Y) Yes
(N) No

2.3 If yes, in whose name ?

(1) Husband
(2) Wife
(3) Both
(4) Other_____

2.4 Is the holding owned by the household ?

(Y) Yes
(N) No

2.5 How many parcels comprise the holding ?

2.6 How much was spent on farm labour (in KSh)

a- During the long rains season.

b- During the short rains season.

c- What was the average hiring rate per day for labour (KSh)?

2.7 How much was spent on tractor hire (in KSh)

a- During the long rains season.

b- During the short rains season.

c- What is the average tractor hiring rate per day (KSh)?

2.8 How much was spent on fertilizer (in KSh)

a- During the long rains season.

b- During the short rains season.

2.9 How much was spent on agricultural chemicals (in KSh)?

a- During the long rains season.

b- During the short rains season.

2.10 Purchases of land during the last 12 months

2.11 Purchases of agricultural machinery & tools during the last 12 months

PART 2: AGRICULTURE (Cont.)

Ask the following information about crops that were in the ground one year ago (see codes below)

	CROP 1	CROP 2	CROP 3	CROP 4	CROP 5
2.1 Which crops were in the ground a year ago ?	00 11 22 33 44 55 66 77 88 99	00 11 22 33 44 55 66 77 88 99	00 11 22 33 44 55 66 77 88 99	00 11 22 33 44 55 66 77 88 99	00 11 22 33 44 55 66 77 88 99
2.2 Did you or any household member plant any ------- this season ?	Yes (Y) No (Go to next section) (N)	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
2.3 What was the main source of seeds last season ?	Own (1) Neighbor (2) Local market (3) Stockist / Merchant (4) Marketing board (5) Other_____ (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)
2.4 Was the quality of the seed satisfactory ?	Very unsatisfied (1) Fairly satisfied (2) Very satified (3) Don't know (4)	(1) (2) (3) (4)	(1) (2) (3) (4)	(1) (2) (3) (4)	(1) (2) (3) (4)
2.5 What is the main sales outlet for this crop ?	Do not expect to sell (1) Farm gate (2) Local market (3) Trader (4) Marketing board (5) Millers (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)
2.6 If no, how do you expect this season's harvest to be, compared with the same season last year ?	Very much less this year (1) A little less this year (2) The same (3) A little more this year (4) Very much more this year (5) Don't know (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)	(1) (2) (3) (4) (5) (6)
2.7 What was the total quantity harvested from that season's crop ?	000 111 222 333 444 555 666 777 888 999	000 111 222 333 444 555 666 777 888 999	000 111 222 333 444 555 666 777 888 999	000 111 222 333 444 555 666 777 888 999	000 111 222 333 444 555 666 777 888 999
	Unit (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	**Unit** (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	**Unit** (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	**Unit** (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	**Unit** (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other
2.8 Value of sales through farmgate or roadside (KSh)	0000000 1111111 2222222 3333333 4444444 5555555 6666666 7777777 8888888 9999999	0000000 1111111 2222222 3333333 4444444 5555555 6666666 7777777 8888888 9999999	0000000 1111111 2222222 3333333 4444444 5555555 6666666 7777777 8888888 9999999	0000000 1111111 2222222 3333333 4444444 5555555 6666666 7777777 8888888 9999999	0000000 1111111 2222222 3333333 4444444 5555555 6666666 7777777 8888888 9999999

PART 2: AGRICULTURE (Cont.)

Identification Code

2.9 Value of sales through local market or trader (KSh)

2.10 Value of sales through cooperative (KSh)

2.11 If the household planted any crop/fodder last season, what was the area planted (in acres)?

2.12 If the household planted any crop/fodder last season, what was the retention or stored quantity (in kgs)?

2.13 If the household planted any crop/fodder last season, what was the farm losses (in kgs)?

PART 2: AGRICULTURE (Cont.)

Crops that were in the ground one year ago (continued)

2.14 Value of sales through factory (KSh)?

2.15 Value of sales through marketing board (KSh)?

2.16 Value of sales through other outlet (KSh)?

2.17 What was the highest price per unit (KSh)?

2.18 What was the lowest price per unit (KSh)?

PART 2: AGRICULTURE (Cont.)

Identification Code

Crops that were in the ground one year ago (continued)

2.19 What quantity was sold in total (No. of units)

2.20 What quantity was given to labour ? (No. of units)

2.21 What quantity was retained for seed ? (No. of units)

2.22 What quantity was used for home processing ? (No. of units)

PART 2: AGRICULTURE (Cont.)

Ask the following information about crops planted during the long rains (see codes below)

	CROP 1	CROP 2	CROP 3	CROP 4	CROP 5
2.23 Which crops were planted during the long rains ?					
2.24 Is there any of the crop still unharvested ?	Yes (Y) No (N)	(Y) (N)	(Y) (N)	(Y) (N)	(Y) (N)
2.25 If yes, how much are you still expected to harvest?	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other
2.26 What was the total quantity harvested from that season's crop ?	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other	Unit: (1) Kilo (2) Debe (3) Basket (4) Bag (5) Number (6) Other
2.27 Value of sales through gate or road-side (KSh)?					
2.28 Value of sales through local market or trader (KSh)?					

PART 2: AGRICULTURE (Cont.)

Identification Code

Crops planted during the long rains (continued)

2.29 Value of sales through cooperative (KSh)?

2.30 Value of sales through marketing board or factory (Kshs.)

2.31 Value of sales through other outlet (KSh)?

2.32 What was the highest price per unit during the season (KSh)?

2.33 What was the lowest price per unit during the season (Kshs.)

PART 2: AGRICULTURE (Cont.)

District | **Cluster** | **Household**

Crops planted during the long rains (continued)

2.34 What quantity was sold in total (No. of units) ?

2.35 What quantity was given to labor (No. of units)?

2.36 What quantity was retaine for seeds (No. of units)?

2.37 What quantity was used for home processing (No. of units)?

2.38 What What quantity is in store now (from the long rains harvest, No. of units)?

PART 2: AGRICULTURE (Cont.)

Identification Code

Ask the following information about crops planted during the short rains (see codes below)

	CROP 1	CROP 2	CROP 3	CROP 4	CROP 5
2.39 Which crops were planted during the short rains ?					
2.40 Is there any of the crop still unharvested ? (Yes Y / No N)					
2.41 If yes, how much are you still expected to harvest?	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other
2.42 What was the total quantity harvested from that season's crop ?	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other	Unit: 1 Kilo, 2 Debe, 3 Basket, 4 Bag, 5 Number, 6 Other
2.43 Value of sales through gate or road-side (KSh)?					
2.44 Value of sales through local market or trader (KSh)?					

PART 2: AGRICULTURE (Cont.)

Crops planted during the short rains (continued)

2.45 Value of sales through cooperative (KSh)?

2.46 Value of sales through marketing board or factory (KSh)?

2.47 Value of sales through other outlet (KSh)?

2.48 What was the highest price per unit during the season (KSh)?

2.49 What was the lowest price per unit during the season (KSh)?

PART 2: AGRICULTURE (Cont.)

Identification Code

Crops planted during the short rains (continued)

2.50 What quantity was sold in total (No. of units) ?

2.51 What quantity was given to labour (No. of units)?

2.52 What quantity was retained for seeds (No. of units)?

2.53 What quantity was used for home processing (No. of units)?

2.54 What What quantity is in store now (from the long rains harvest, No. of units)?

PART 2: AGRICULTURE (Cont.)

Ask the following information livestock raised (see codes below)

	LIVESTOCK 1	LIVESTOCK 2	LIVESTOCK 3	LIVESTOCK 4	LIVESTOCK 5
2.55 Which type of livestock was raised by your household in the past 12 months?					

Livestock numbers, purchases, sales and other changes in numbers over the last 12 months

2.56 How many are there now?					
2.57 For how much could you sell one today (KSh)?					
2.58 During the past 12 months, how many did you sell?					
2.59 How many were slaughtered for own consumption?					

Identification Code

Livestock raised (continued)

2.60 How many were bought ?

2.61 How many died ?

2.62 How many were born ?

2.63 During the past month, how much has been spent on A.I (KSh)?

2.64 During the past month, how much has been spent on commercial feed ?

PART 2: AGRICULTURE (Cont.)

District	Cluster	Household
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9	

Livestock raised (continued)

2.65 During the past month, how much was spent on fresh fodder ?

2.66 During the past month, how much was pent on dipping and spraying?

2.67 During the past month, how much was spent on drugs & medicines ?

2.68 What were the labor costs for each livestock during the past month?

2.69 What were the other costs for each livestock during the past month ?

PART 2: AGRICULTURE (Cont.)

Identification Code

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH

Grade cattle

2.70 How many grade cows were you milking last month ?

2.71 Milk production last month?

Kg

2.72 Milk consumption last month ?

Kg

2.73 Milk sales last month ?

Kg

2.74 Sales of milk to KCC

Kg

KSh

2.75 Sales of milk to other Cooperatives

Kg

KSh

2.76 Sales of milk to other dairies.

Kg

KSh

2.77 Local sales of milk

Kg

KSh

2.78 Sales of other dairy products

KSh

2.79 Sales of hides.

KSh

PART 2: AGRICULTURE (Cont.)

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH (Cont.)

2.80 Sales of home brewed beer and wine

KSh

2.81 Sales of vegetable oil

KSh

2.82 Sales of flour

KSh

2.83 Sale of other products from own produce.

KSh

FARMING PRACTICES

2.84 Grazing practices

1. Zero grazing
2. Paddock grazing
3. Open grazing

Interviewer, you may check more than one answer

2.85 Source of irrigation

1. Stream
2. Borehole
3. Lake / pond
4. Water tank
5. None

Livestock numbers in 1995 and 1996

	Livestock 1	Livestock 2	Livestock 3	Livestock 4	Livestock 5
2.86Livestock code					
2.87 Haw many were there in 1995?					
2.88 Haw many were there in 1996?					

PART 3: NON AGRICULTURAL INCOME

Identification Code

Informal Sector activities: costs and revenues last month

3.1 List here the names of all members who carried out informal sector activities last month (from main roster)

3.2 List here the number of all members who carried out informal sector activities last month (member number from main roster)

3.3 Member's Sex

Male M
Female F

3.4 Member's activity

Manufacturing 1
Trading 2
Other services 3

3.5 Cost of hiring labor last month (KSh).

3.6 Rent paid out for premises, hire of equipment last month (KSh).

3.7 Cost of articles for resale, raw materials last month (KSh).

Part 3: NON-AGRICULTURAL INCOME (cont.)

Informal Sector activities: costs and revenues last month (Cont.)

3.8 Cost of maintenance, repairs, oil and fuel last month (KSh).

3.9 Cost of transport last month (KSh)

3.10 Other costs last month (KSh)

3.11 Purchase of land and buildings IN THE LAST 12 MONTHS (KSh)

3.12 Purchase of equipment IN THE LAST 12 MONTHS (Ksh)

Identification Code

Part 3: NON-AGRICULTURAL INCOME (Cont.)

Informal Sector activities: costs and revenues last month (Cont.)

3.13 Revenue (cash) from this activity last month (KSh)

3.14 Value of any in-kind earnings from this activity (KSh).

Other non-agricultual income last month

3.15 List the names of all members who contribute to non-agricultural household income (from main roster)

3.16 List the numbers of all members who contribute to non-agricultural household income (from main roster)

3.17 Sex

Male (M)
Female (F)

3.18 Wages / Salaries last month (KSh).

Part 3: NON-AGRICULTURAL INCOME (Cont.)

Other non-agricultural income last month (Cont.)

3.19 Fees for service provided last month (KSh).

3.20 Rental income of land last month (Ksh).

3.21 Rental income of equipment last month (KSh)

3.22 Income from profits last month (KSh).

3.23 Loans received last month (formal)

Identification Code

Part 3: NON-AGRICULTURAL INCOME (Cont.)

Other non-agricultural income last month (Cont.)

3.24 Loan received last month (informal)

3.25 Transfers received last month (in kind)

3.26 Transfers received last month (in cash)

3.27 Income from pensions last month (KSh).

3.28 Income from fishing (KSh) last month.

Part 3: NON-AGRICULTURAL INCOME (Cont.)

District	Cluster	Household
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9
	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9

Other non-agricultural income last month (Cont.)

3.29 Income from Hunting honey last month (KSh)

3.30 Other minsce-ilaneous income last month (KSh)

Sale of assets in the last 12 months

3.31 Sale of agricultural land (KSh) in the last 12 months.

3.32 Sale of agricultural equipment (KSh) in the last 12 months.

3.33 Sale of non-agricultural land or buildings (KSh) in the last 12 months.

3.34 Sale of car, motorbike, bicycle, cart or other vehicle in the past 12 months (KSh).

3.35 Sale of non-agricultural equipment (KSh) in the last 12 months.

3.36 Sale of household assets (KSh) in the last 12 months.

Part 4: FARM LABOUR

Identification code

4.1. Did household hire any labour or machinery for land preparation, weeding, or harvesting last season?

Y (1)
N (2)

4.2. If yes, in 4.1, was it for farm labour?

Y (1)
N (2)

4.3. If yes in 4.1, number of people engaged?

Males	Females
0 0	0 0
1 1	1 1
2 2	2 2
3 3	3 3
4 4	4 4
5 5	5 5
6 6	6 6
7 7	7 7
8 8	8 8
9 9	9 9

4.4. If yes in 4.1,Numer of days hired

Males	Females
0 0	0 0
1 1	1 1
2 2	2 2
3 3	3 3
4 4	4 4
5 5	5 5
6 6	6 6
7 7	7 7
8 8	8 8
9 9	9 9

Tractor Service

4.5. If yes in 4.1, Was tractor service hired?

Y (1)
N (2)

4.6. If yes in 4.5, number of days of tractor service

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Farm labour and productivity contraints

What is the average hiring rate for farm casual/tractor service?

5.1. Farm labour (casual) per day (Kshs.)

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

5.2. Farm labour (casual) per week (Kshs.)

0	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

5.3. Farm labour (casual) per month (Kshs.)

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

5.4. Farm labour (Tractor) per day (Kshs.)

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

5.5. Farm labour (Tractor) per week (Kshs.)

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

5.6. Farm labour (Tractor) per month (Kshs.)

0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

Farm labour and productivity contraints (cont.)

How many hours did household members aged 10+ spent on crops and livestock last week?

How much did household spend on the following activities last season (for 5.9 - 5.15)

5.7. Number of household members		5.8. Hours spent working for:-		5.9. Land preparation	5.10. Purchased seeds	5.11. Crop weeding/ spraying	5.12. Crop harvesting
Males	Females	Crops	Livestock				

5.13. Livestock chemicals/dips/treat ment	5.14. General livestock labour (hired)	5.15. General crop labour (hired)	5.16. Did household irrigate any crops last season?
			Yes (1) No (2)

5.17. If yes in 5.16, which crops were irrigated?

Crop 1code	Crop 2 code	Crop 3 code	Crop 4 code

5.18. If yes in 5.16, which was the source of water for each crop?

Stream/river	(1)	(1)	(1)	(1)
Borehole	(2)	(2)	(2)	(2)
Lake/pond	(3)	(3)	(3)	(3)
Rain water tank	(4)	(4)	(4)	(4)

5.19. If yes in 5.16, distance to the source of water for each crop (in kms)?

Identification code

PART 5: Farm labour and productivity contraints (cont.)

5.20. Did household practice soil conservation measures last season?

Yes (1)
No (2)

5.21. If yes in 5.20, which crops were covered by the activity?

Crop 1	crop 2	Crop 3	crop 4	crop 5
00	00	00	00	00
11	11	11	11	11
22	22	22	22	22
33	33	33	33	33
44	44	44	44	44
55	55	55	55	55
66	66	66	66	66
77	77	77	77	77
88	88	88	88	88
99	99	99	99	99

5.22. If yes in 5.20, type of soil conservation?

Terracing	(1)	(1)	(1)	(1)	(1)
Planting resistant vegetation	(2)	(2)	(2)	(2)	(2)
Blocking soil erosion outlets	(3)	(3)	(3)	(3)	(3)
Other specify	(4)	(4)	(4)	(4)	(4)

5.23. List major crops grown on your farm

Crop 1code	Crop 2 code	Crop 3 code	Crop 4 code	Crop 5 code
00	00	00	00	00
11	11	11	11	11
22	22	22	22	22
33	33	33	33	33
44	44	44	44	44
55	55	55	55	55
66	66	66	66	66
77	77	77	77	77
88	88	88	88	88
99	99	99	99	99

5.24. List major factors inhibiting increased crop production on your farm

Interviewer, you may mark more than one answer

Lack of market outlet	(1)	(1)	(1)	(1)	(1)
Poor roads/Impassable	(2)	(2)	(2)	(2)	(2)
Inadequate rains	(3)	(3)	(3)	(3)	(3)
Lack of inputs	(4)	(4)	(4)	(4)	(4)
High cost of labour/inputs	(5)	(5)	(5)	(5)	(5)
High transport costs	(6)	(6)	(6)	(6)	(6)
Small farm/inadequite land	(7)	(7)	(7)	(7)	(7)
Poor prices of outputs	(8)	(8)	(8)	(8)	(8)

5.25. List main livestock reared on your farm

Livestock1	Livestock 2	Livestock 3	Livestock 4	Livestock 5
00	00	00	00	00
11	11	11	11	11
22	22	22	22	22
33	33	33	33	33
44	44	44	44	44
55	55	55	55	55
66	66	66	66	66
77	77	77	77	77
88	88	88	88	88
99	99	99	99	99

5.24. List major factors inhibiting increased livestock production on your farm

Interviewer, you may mark more than one answer

Lack of market outlet	(1)	(1)	(1)	(1)	(1)
Poor roads/Impassable	(2)	(2)	(2)	(2)	(2)
Inadequate rains	(3)	(3)	(3)	(3)	(3)
Lack of inputs	(4)	(4)	(4)	(4)	(4)
High cost of labour/inputs	(5)	(5)	(5)	(5)	(5)
High transport costs	(6)	(6)	(6)	(6)	(6)
Small farm/inadequite land	(7)	(7)	(7)	(7)	(7)
Poor prices of outputs	(8)	(8)	(8)	(8)	(8)

PART 5: Farm labour and productivity contraints (cont.)

	5.27. Who makes decision on what crops, where and how much to plant on your farm?	5.28. Who receive the proceeds from sales?	5.29. Who decides how the proceeds from sales are to be used?	5.30. Who makes major investment decisions on your farm?
Wife	1	1	1	1
Husband	2	2	2	2
Both	3	3	3	3
Other	4	4	4	4

PART 6: Changes in production and food consumption pattern (cont.)

	6.1. Compared to 12 months ago what changes has cattle under-gone?	6.2. Compared to 12 months ago what changes has sheep and goats under-gone?	6.3. Compared to 12 months ago what changes has poultry under-gone?	6.4. Compared to 12 months ago what changes has milk production under-gone?	6.5. Compared to 12 months ago what changes has area under maize in acres under-gone?
Increased	1	1	1	1	1
Same	2	2	2	2	2
Decreased	3	3	3	3	3
N / A	4	4	4	4	4

	6.6. Compared to 12 months ago what changes has area under beans in acres under-gone?	6.7. Compared to 12 months ago what changes has area under yield of maize per acre under-gone?	6.8. Compared to 12 months ago what has area yield of beans per acre under-gone?	6.9. Compared to 12 months ago what changes has area under food crops has under-gone?
Increased	1	1	1	1
Same	2	2	2	2
Decreased	3	3	3	3
N / A	4	4	4	4

	6.10. Compared to 12 months ago what changes has area under cash crops has under-gone?	6.11. Compared to 12 months ago what changes has area under fruits has under-gone?	6.12. Compared to 12 months ago what changes has area under vegetables has under-gone?
Increased	1	1	1
Same	2	2	2
Decreased	3	3	3
N / A	4	4	4

	6.13. If there was change of any kind in 6.1., what was the cause that chage?	6.14. If there was change of any kind in 6.2., what was the cause that chage?	6.15. If there was change of any kind in 6.3., what was the cause that chage?	6.16. If there was change of any kind in 6.4., what was the cause that chage?	6.17. If there was change of any kind in 6.5., what was the cause that chage?
Births	A	A	A	A	A
Purchases	B	B	B	B	B
Death/diseases infections	C	C	C	C	C
Thefts	D	D	D	D	D
Sales	E	E	E	E	E
Better prices	F	F	F	F	F
Poor prices	G	G	G	G	G
More land available	H	H	H	H	H
Less land available	I	I	I	I	I
Good weather	J	J	J	J	J
Poor weather	K	K	K	K	K
Other specify	L	L	L	L	L

	6.18. If there was change of any kind in 6.6., what was the cause of that change?	6.19. If there was change of any kind in 6.7., what was the cause that chage?	6.20. If there was change of any kind in 6.8., what was the cause that chage?	6.21. If there was change of any kind in 6.9., what was the cause that chage?	6.22. If there was change of any kind in 6.10., what was the cause that chage?
Births	A	A	A	A	A
Purchases	B	B	B	B	B
Death/diseases infections	C	C	C	C	C
Thefts	D	D	D	D	D
Sales	E	E	E	E	E
Better prices	F	F	F	F	F
Poor prices	G	G	G	G	G
More land available	H	H	H	H	H
Less land available	I	I	I	I	I
Good weather	J	J	J	J	J
Poor weather	K	K	K	K	K
Other specify	L	L	L	L	L

Identification code

PART 6: Changes in production and food consumption pattern (cont.)

6.23. If there was change of any kind in 6.9., what was the cause that change?

- Births (A)
- Purchases (B)
- Death/diseases infections (C)
- Thefts (D)
- Sales (E)
- Better prices (F)
- Poor prices (G)
- More land available (H)
- Less land available (I)
- Good weather (J)
- Poor weather (K)
- Other specify (L)

6.24. If there was change of any kind in 6.10., what was the cause that change?

(A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L)

6.25. Which is the main source of your household income?

- Agricultural activities (1)
- Non-agricultural activities (2)

6.26. Would your household be willing to contribute/cost share for increased agriculture extention?

- Yes (1)
- No (1)

6.27. If no, in 6.26, why?

- Not useful (1)
- Insufficient income (2)
- No positive results (3)
- Too expensive (4)
- Not interested (5)
- Un cooperative members (6)
- Others specify (7)

6.27. Does your household have enough food to live on throughout the year?

- Yes (1)
- No (1)

6.28. What proportion of food regulary consumed by your household is purchased?

- Less than half (1)
- More than half (2)
- None (1)

6.29. Which are the main food items/products that your household frequently purchases?

Food Item /product 1	Food Item /product 2	Food Item /product 3	Food Item /product 4	Food Item /product 5	Food Item /product 6	Food Item /product 7	Food Item /product 8	Food Item /product 9
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1
2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2	2 2
3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3
4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4	4 4
5 5	5 5	5 5	5 5	5 5	5 5	5 5	5 5	5 5
6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6	6 6
7 7	7 7	7 7	7 7	7 7	7 7	7 7	7 7	7 7
8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8	8 8
9 9	9 9	9 9	9 9	9 9	9 9	9 9	9 9	9 9

6.30. Highest education attainment of head of household?

- Std 1 - 4 (1)
- Std 5 - 8 (2)
- Form 1 - 2 (3)
- Form 3 - 4 (4)
- Form 5 (5)
- Form 6 (6)
- University (7)
- Nursery/kindegaten school (8)
- None (9)

6.31. Does head of household belong to any income generating group?

- Yes (1)
- No (2)

6.32. Does his/her spouse belong to any income generating group?

- Yes (1)
- No (2)
- N/A (3)

Identification Code

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH

Zebu cattle

6.33 How many zebu cows were you milking last month ?

6.34 Milk production last month? Kg

6.35 Milk consumption last month ? Kg

6.36 Milk sales last month ? Kg

6.37 Sales of milk to KCC

Kg KSh

6.38 Sales of milk to other Cooperatives

Kg KSh

6.39 Sales of milk to other dairies.

Kg KSh

6.40 Local sales of milk

Kg KSh

6.41 Sales of other dairy products

KSh

6.42 Sales of hides, wool skins.

KSh

Identification Code

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH

Sheep

6.43 How many sheep were you milking last month ?

6.44 Milk production last month?

Kg

6.45 Milk consumption last month ?

Kg

6.46 Milk sales last month ?

Kg

6.47 Sales of milk to KCC

Kg KSh

6.48 Sales of milk to other Cooperatives

Kg KSh

6.49 Sales of milk to other dairies.

Kg KSh

6.50 Local sales of milk

Kg KSh

6.51 Sales of other dairy products

KSh

6.52 Sales of wool/ skins.

KSh

PART 2: AGRICULTURE (Cont.)

Identification Code

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH

Goats

6.53 How many goats were you milking last month ?

6.54 Milk production last month? Kg

6.55 Milk consumption last month ? Kg

6.56 Milk sales last month ? Kg

6.57 Sales of milk to KCC

Kg KSh

6.58 Sales of milk to other Cooperatives

Kg KSh

6.59 Sales of milk to other dairies.

Kg KSh

6.60 Local sales of milk

Kg KSh

6.61 Sales of other dairy products

KSh

6.62 Sales of mohair/skins.

KSh

Identification Code

SALES OF LIVESTOCK PRODUCTS AND OTHER PRODUCTS FROM THE HOLDING, LAST MONTH

Camels

6.63 How many camels were you milking last month ?

6.64 Milk production last month? Kg

6.65 Milk consumption last month ? Kg

6.66 Milk sales last month ? Kg

6.67 Sales of milk to KCC

Kg KSh

6.68 Sales of milk to other Cooperatives

Kg KSh

6.69 Sales of milk to other dairies.

Kg KSh

6.70 Local sales of milk

Kg KSh

6.71 Sales of other dairy products KSh

6.72 Sales of eggs KSh

6.73 Sales of hides KSh

6.74 Sales of manure KSh

Agricultural Training/Course/Demonstrations

7.1. Did any household member attend agricultural training course/demonstation site in 1996?

Yes (1)
No (2)

If yes in 7.1, give sex of household member

7.2. Sex of member one	7.3. Sex of member two	7.4. Sex of member three	7.5. Sex of member four	7.6. if yes in 7.1, Type of training member 1 received
Male (1) Female (2)	(1) (2)	(1) (2)	(1) (2)	Crop husbandry (1) Livestock (2) Both (3)

7.7. if yes in 7.1, Type of training member 2 received	7.8. if yes in 7.1, Type of training member 3 received	7.9. if yes in 7.1, Type of training member 4 received
Crop husbandry (1) Livestock (2) Both (3)	(1) (2) (3)	(1) (2) (3)

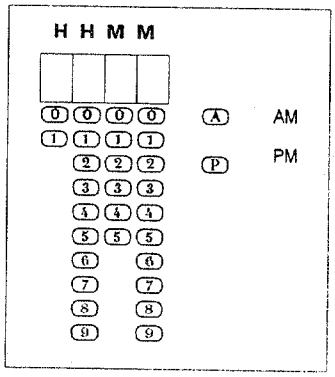
7.10. if yes in 7.1, where was the training taking place for member 1?	7.11. if yes in 7.1, where was the training taking place for member 2?	7.12. if yes in 7.1, where was the training taking place for member 3?	7.13. if yes in 7.1, where was the training taking place for member 4?
On farm (1) Within District (2) Outside District (3)	(1) (2) (3)	(1) (2) (3)	(1) (2) (3)

QUESTIONNAIRE VERIFICATION

STEP 1: BUBBLE IN ALL THE ANSWERS, VERYFY THERE IS ANLY ONE ANSWER PER QUESTION, UNLESS OTHERWISE SPECIFIED.

STEP 2: EXAMINE ALL NUMBER GRIDS AND MAKE SURE THE NUMBERS BUBBLED IN MATCH THE NUMBERS WRITTEN IN THE BOX ABOVE EACH GRID.

7.14. Enter time NOW



7.15 RESULT CODE

(1) Completed
(2) Partially completed