

Egerton University - Tegemeo Institute
RuralStruc Research Project
Regional Rural Household Survey 2008

“We are part of a team at Egerton University, who are studying aspects related to agricultural development in the country. Your participation by answering these questions is very much appreciated. Your responses will be **COMPLETELY CONFIDENTIAL**. Your responses will be added to those of 1,400 other households and analysed together. If you indicate your voluntary consent by participating in this interview, may we begin? If you have any questions or comments about this survey, you may contact the Director, Tegemeo Institute, Egerton University, P.O. Box 20498 (00200), Nairobi; **Tel: 0720 895454**; email: egerton@tegemeo.org”

Household No. **HHID** _____

Date: (ddmmyy) **SURDATE** _____

HH Name _____

Respondent(s) _____ **MEM** _____

(Enumerator Instruction: Record the member number of the Respondent from the Demography table on pages 19 through 21 after the survey is completed.)

Identifying Variables:

Supervisor:	_____	SNUM	_____
Enumerator:	_____	ENUM	_____
Province:	_____	PROV	_____
District:	_____	DIST	_____
Division:	_____	DIV	_____
Location:	_____		
LOC	_____		
Sub-Location:	_____		
SUBLOC	_____		
Village:	_____		
VIL	_____		

GPS coordinates :

HH1 : _____ (1=North 2=South) (____° **DEG1**____` **MIN1**____ **SEC1**)

HH2 : East (____° **DEG2**____` **MIN2**____ **SEC2**)

HH3 : Altitude MT. a.s.l **MASL** (____)

Q1. DEMOGRAPHIC CHARACTERISTICS OF HOUSEHOLD AND COMPOSITION

[illegible]

<u>Relation to head (D2)</u>		<u>Marital Status (D3)</u>	<u>Education levels (D4)</u>			
1= head	8= son/daughter-in-law	1 = single	-99=don't know	6=std 6	13=form 5	20=univ 2
2= spouse	9= grandchild	2 = monogamously married	-9=None	7=std 7	14=form 6	21=univ 3
3= own child	10=other relative	3 = polygamously married	0=pre school	8=std 8	15= college 1	22=univ 4
4= step child	11=unrelated	4 = divorced	1=std 1	9= form1	16= college 2	23=univ 5 & above
5= parent	12=brother /sister-in-law	5 = widowed	2=std 2	10 = form 2	17= college 3	above
6= brother /sister	13=parent-in-law	6 = separated	3=std 3	11=form 3	18= college 4	
7= nephew /niece	14=worker	7 = other, specify_____	4=std 4	12=form 4	19=univ 1	
	15=Other specify		5=std 5			

Q2. Number of household members : Specify the number of people living permanently in the household and sharing the same food_____

Q3. When did the family settle in the village? _____.

Q4. If they settled recently (in the last five years), why did they come to the zone?

- Q4.1). ***Better access to land***
 Q4.2). ***Looking for a job***
 Q4.3). ***Schooling of the children***
 Q4.4). ***Securities***
 Q4.5). ***Other (specify)***

HOME PROPERTY AND OWNERSHIP

Q5. What is the status of your current home, are you: (1) ***Owner***_____ (2) ***Tenant***_____ (3). ***Resident for free*** _____ (4) ***Resident in compensation for services***_____

Q6. If owner, your property is: (1). ***Inherited***_____ (2). ***Bought***_____ (3). ***Bought with an on-going credit***_____

Q7. Type of ownership: (1) ***Registered certificate***_____ (2) ***Written contract***_____ (3). ***Oral contract***_____ (5) ***Other***_____

Q8. If rental or on-going credit, monthly cost (*interest rate and/or in monetary cost*) _____

QUALITY OF HOUSING

Q9. Floor (1).*Earthen* _____ (2) *Cement* _____ (3) *Other (specify)* _____

Q10. Roof (1).*Ironsheets* _____ (2) *Tiled* _____ (3) *Thatch* _____ (4) *Other (specify)* _____

Q11. Wall (1).*Mud* _____ (2). *Wood* _____ (3). *Stones* _____ (4) *Other* _____

Q12. Number of rooms _____

Q13. Age of the accommodation (1).*Less than 5 years* _____ (2). *Between 5 and 10 years* _____ (4). *More than 10 years* _____

Q14. Have you improved your accommodation over the last 5 years: 1. *Yes* _____ 2. *No* _____

If yes in Q14 above: (1).*Extension* _____ (2). *Maintenance of the roof* _____ (3). *Coating of floor or wall* _____

Q15. How do you get water?

(1).*Running water in the house* _____

(2).*Running water outside the house* _____

(3).*Collective water point* _____

(4).*Well* _____

(5) *River* _____

(6).*Other* _____

Q16. How do you light your house? (1).*Electricity* _____ (2). *Generator* _____ (3). *Gas/ fuel* _____ (4). *Candle* _____ (5). *Other* _____

Q17. What kind of sanitation do you have? (1).*Private toilets* _____ (2) *Collective toilets* _____ (3). *Latrines* _____ (4). *None* 5. *Other* _____

Q18. **HOUSEHOLD MAIN ECONOMIC ACTIVITIES**

ID (follow ID as in the hh demographic section)	Your main economic activity is:	If employed, which sector:	If answer 2, 3 or 4, monthly earnings? If answer 1, see next modules	If permanent employee, activity?	How much do you earn per month?	If temporary activity, which activity/activities? (ACTIVITY CODE)	Estimation of the monthly earnings	Do you need to travel for that activity?
	1.Self-employed 2.permanent employee 3.temporary employee (piece worker, day labourer)	1.agriculture 2.business (grocery, restaurant, hotel, taxi etc.) 3.handcraft 4.building, construction 5.other (specify)						1.no 2.to a nearby village 3.to the same county 4.to another county 5.to the capital 6.abroad
mem								

ACTIVITY CODE

58	Accounting clerk	8	Charcoal burning	70	Harvesting	24	Mining	43	School business	38	Transporter (goods)
1	Agricultural trading	9	Clothes/shoes business (trading)	17	Hawker	74	Non-agricultural business	31	Selling mandasi cakes/bread/cook	55	Tree seller, commercial
46	Bar operator	51	Cobbler	57	Hiring out a bull	54	Nurse	32	Selling water	52	Vehicle mechanic
64	Battery charging	10	Curio trader	73	Hotel	68	Pet breeder	69	Sheep shearer	45	Veterinary doctor
2	Bicycle (repair/transporter)	11	Dealing ropes/sisal/firewood	18	Jaggery	25	Photography	33	Spraying	67	Video business
60	Boat making	12	Driver	49	Laundry business	63	Pit latrine digger	50	Surveyor	56	Village elder
3	Brick making	13	Earning dividends	19	Livestock trader	26	Planting	34	Tailor	39	Weaving
4	Brokerage	14	Electrician	20	Local brewing	27	Ploughing	65	Teacher, part time	40	Welding/painting/blacksmith
62	Building	72	Income from another farm	42	Lumbering/wood cutting	47	Plumber	61	Thatching grass	66	Wine tapper
5	Butcher	7	Farm kibarua	21	Making pots	28	Posho miller	35	Timber trading	71	Other, specify_____
6	Carpentry	15	Fish trading	22	Masonry	29	Rental of properties	59	Tour guide		
75	Casual worker	44	Hair dresser / barber	23	Matatu business	30	Retail shop/kiosk/shopkeeping	36	Tout		
		16	Harrowing	41	Medical health business	53	Sand harvesting	37	Traditional doctor		

Q19. **HOUSEHOLD SECONDARY/ALTERNATIVE ECONOMIC ACTIVITIES**

ID (follow ID as in the hh demographic section)	Do you have a secondary economic activity? <i>1.yes 2.no</i>	If yes, your secondary activity is: <i>1.Self-employment 2.permanent employee 3.temporary employee</i>	If Self-employed, which sector: <i>1.agriculture 2.business (grocery, restaurant, hotel, taxi etc.) 3.handcraft 4.building, construction 5.other Specify)</i>	If answer 2, 3 or 4, monthly earnings? If answer 1, see next modules	If permanent employee, which activity?	How much do you earn per month?	If temporary activity, which activity/activities? (ACTIVITY CODE)	Estimation of the monthly earnings	Do you need to travel for that activity? <i>1.no 2.to a nearby village 3.to the same county 4.to another county 5.to the capital 6.abroad</i>	Do you have other activities or source of income? <i>1.yes 2.no</i>	If YES Estimation of the monthly earnings
mem											

ACTIVITY CODE

58Accounting clerk	8Charcoal burning	70Harvesting	24Mining	43School business	38Transporter (goods)
1Agricultural trading	9Clothes/shoes business (trading)	17Hawker	74Non-agricultural business	31Selling mandasi cakes/bread/cook	55Tree seller, commercial
46Bar operator	51Cobbler	57Hiring out a bull	54Nurse	32Selling water	52Vehicle mechanic
64Battery charging	10Curio trader	73Hotel	68Pet breeder	69Sheep shearer	45Veterinary doctor
2Bicycle (repair/transporter)	11Dealing ropes/sisal/firewood	18Jaggery	25Photography	33Spraying	67Video business
60Boat making	12Driver	49Laundry business	63Pit latrine digger	50Surveyor	56Village elder
3Brick making	13Earning dividends	19Livestock trader	26Planting	34Tailor	39Weaving
4Brokerage	14Electrician	20Local brewing	27Ploughing	65Teacher, part time	40Welding/painting/blacksmith

62	Building	72	Income from another farm	42	Lumbering/wood cutting	47	Plumber	61	Thatching grass	66	Wine tapper
5	Butcher	7	Farm kibarua	21	Making pots	28	Posho miller	35	Timber trading	71	Other, specify _____
6	Carpentry	15	Fish trading	22	Masonry	29	Rental of properties	59	Tour guide		
75	Casual worker	44	Hair dresser / barber	23	Matatu business	30	Retail shop/kiosk/shopkeeping	36	Tout		
		16	Harrowing	41	Medical health business	53	Sand harvesting	37	Traditional doctor		

Module 2

Properties for economic activities								
Check the coherence with the questions "economic activities" in module 1								
	Property 1	property 2	Property 3	Property 4	Property 5	Property 6	Property 7	Property 8
Type of economic activities?								
Monthly income (Kshs)								
This property is: <i>1.in ownership 2.rented 3.other</i>								
If property, mode of acquisition : <i>1.inheritance/gift 2.purchase 3.attribution by the community 4.other (specify)</i>								
If rented, for how long (years)?								
Amount of the rent per month (Kshs)								
Locality: <i>1.village 2.other village, same Division 3.main town in the Division 4.other Division 5.other</i>								

Migrations and remittances

Q20. Is there anyone from your family who does not live permanently in the household? *(1) Yes* ____ *(2).No* ____
If YES in Q20, fill the table below

ID (follow ID as in the hh demographic section)	Name	Age	Sex : <i>1.male 2.female</i>	Kinship : <i>1.partner 2.child 3.parent 4.brother/sister 6.other (specify)</i>	What level did he/she reach at school? <i>1.preschool 2.first school 3.high school 4.technical 5.university</i>	When did he/she leave?	Where is he/she living now <i>1.in the same municipality/ borough 2.in same Division 3.in another province 4.in the capital</i>	Why did he/she go? <i>1.to find land 2.to find job 3.to go to school 4.for security reasons 5.other (specify)</i>	If other province, city or country, specify	How long has he/she been gone? <i>(period in months, years) or Don't know</i>	Main activity of the person? <i>1.agriculture 2.construction 3.services 4.industry 5.business 6.unemployed 7.studies 8.other</i>
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[illegible]

Q21. Do you receive public subsidies? *1.yes 2.no*
 Q22. If **YES in Q 21**, fill the table below

[illegible]

SOCIAL CAPITAL OF THE HOUSEHOLD HEAD

Q23. Are you a member of any organization, group or association in you locality? *1.Yes* ____ *2.No* ____

If **YES in Q23** , fill the table below

Organization	Are you a member <i>1.yes</i> <i>2.no</i>	For how long?	Are you <i>1.an ordinary member</i> <i>2.an official</i> <i>3.other (specify)</i>	If no, were you a member? <i>1.yes</i> <i>2.no</i>	Why are you a member of those groups? <i>1.defense of human rights</i> <i>2.agricultural production</i> <i>3.marketing, business</i> <i>4.for the community</i> <i>5.to receive funds</i> <i>6.to manage public subsidies</i> <i>7.Land access</i> <i>8.other (specify)</i>
producers organization					
agricultural cooperative					
water users					
credit users					
political party					
religious organization					
NGO					
others (specify)					

Q24. Are you locally elected? (Councillor) (1) **YES** ____ (2) **NO** ____

Q25. If yes, what is your position or what are your responsibilities? _____

SOCIAL CAPITAL OF THE HOUSEHOLD HEAD PARTNER

Q26. Are you a member of any organization, group or association in you locality? *1.Yes* ____ *2.No* ____

If **YES in Q26**, fill the table below

Organization	Are you a member <i>1.yes</i> <i>2.no</i>	For how long?	Are you <i>1.an ordinary member</i> <i>2.an official</i> <i>3.other (specify)</i>	If no, were you a member? <i>1.yes</i> <i>2.no</i>	Why are you a member of those groups? <i>1.defense of human rights</i> <i>2.agricultural production</i> <i>3.marketing, business</i> <i>4.for the community</i> <i>5.to receive funds</i> <i>6.to manage public</i>
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					<i>subsidies 7.Land access 8.other (specify)</i>
producers organization					
agricultural cooperative					
water users					
credit users					
political party					
religious organization					
NGO					
others (specify)					

Q27. Are you locally elected? (Councillor) (1) **YES**_____ (2) **NO** _____

Q28. If yes, what is your position or what are your responsibilities? _____

ASSETS AND AGRICUCULTURAL PRODUCTION FACTORS:

LAND

Q29. Do you have land in property *1.Yes* _____ (2).*No* _____

If **YES in Q29** fill the table below

	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8
Area of each plot (HA)								
Type : <i>1.irrigated land 2.rainfall land 3.marshland/lowland 4.other</i>								
Mode of acquisition : <i>1.inheritance/gift 2.purchase 3.attribution by the community 4.other (specify)</i>								
Date of acquisition (year)								
Price of acquisition (Kshs)								
Status : <i>1.private property of the head of the household 2.private property of the partner 3.private property of another member of the household 4.land of the family 5.public land 6.occupation 7.other (specify)</i>								

Legal document: <i>1.Letter of allotment 2.land title 3.on-going legalization 4.purchase certificate 5.other</i>								
Use of the land : <i>1.cropping 2.plantation 3.grazing 4.fallow land 5.forest 6.unappropriate for cropping or grazing 7.other</i>								
Management of fertility : <i>1.manure 2.chemical inputs 3.manure + chemicals 4.none 5.other</i>								

- Q30. Do you plan to buy land in the short term? *1.Yes* _____ *2.No* _____
 If **YES in Q30** why? *(1).Settlement of children* _____ *(2).Food security* _____ *(3).Investment* _____
(4) Excess of workforce _____ *5.other (specify)* _____
- Q31. Have you sold and/or given out land? *1. Yes* _____ *2.No* _____
 If **YES in Q 31** When (year)? _____
- Q32. Total area _____ (Ha)
- Q33. Type of land sold or given out: *(1).Irrigated land* _____ *(2).Rainfall land* _____ *(3).Marshland/lowland* _____ *(4).Other* _____
- Q34. Mode of transfer: *(1).Inheritance* _____ *(2).Sale* _____ *(3).Seizure by the community* _____ *(4).Expropriation* _____
(5) Rental _____ *(6).Share-cropping* _____ *(7).Mortgage* _____ *(8).Other (specify)* _____
- Q35. Year of cession _____
- Q36. Price of cession _____
- Q37. To who did you concession to? *(1).Child* _____ *(2).Nephew/niece* _____ *(3).Brother/sister* _____ *(4).Member of the community* _____
(5).Other person _____ *(6).Other (specify)* _____
- Q38. What was the reason for concession? *(1). Settlement of children* _____ *(2).Need of money* _____ *(3).Scarcity of workforce* _____
(4).Old age or illness _____ *(5).Land degradation* _____ *(6).Poor market access* _____ *(7).Other (specify)* _____
- Q39. If rental or share-cropping, what's the payment? *(1). Money* _____ *(2).Products* _____ *(3).Services* _____ *(4).Other (specify)* _____
- Q40. If money, amount in Kshs? _____
- Q41. If products or services, value in Kshs? _____
- Q42. Do you plan to shortly part with land? **1.Yes 2.No**
- Q43. If **YES in Q 42** Why? *(1). Settlement of children* _____ *(2).Need of money* _____ *(3).Scarcity of workforce* _____ *(4).Old age or illness* _____
(5).Land degradation _____ *(6).Poor market access* _____ *(7).Other (specify)* _____

OTHER LAND (NOT LISTED AS PROPERTY)

- Q44. Do you have land in property *1.Yes* ____ (*2.No* ____
If **YES** in Q44 fill the table below

	Plot 1	Plot 2	Plot 3	Plot 4	Plot 5	Plot 6	Plot 7	Plot 8
Type : <i>1.irrigated land 2.rainfall land 3.marshland/lowland 4.other</i>								
When did you begin to cultivate it (year)?								
Area of each plot (Ha)								
Tenure : <i>1.rental 2.lending 3.share-cropping 4.mortgage 5.other</i>								
For how long (years)?								
Payment? <i>1.money 2.products 3.services</i>								
If money, amount?								
If products or services, value								
Use of the land : <i>1.cropping 2.plantation 3.grazing 4.fallow land 5.forest 6.unappropriate for cropping or grazing 7.other</i>								
Management of fertility : <i>1.manure 2.chemical inputs 3.manure + chemicals 4.none 5.other</i>								

- Q45. Do you plan to shortly rent or share-crop land? *1.Yes* ____ *2.No* ____

- Q46. If **YES** in Q45, why? *1.food security 2.investment 3.excess of workforce 4.other (specify)*

LABOUR FORCE

Check the consistency with Module 1

Q47. How many permanent family workers ?

Q48. How many temporary family workers?.....

Q49. Are you using off farm labour? *1. Yes 2.No*

Q50. If **yes**, do you hire full time workers? *1. Yes 2.No*

Q51. If **yes**, specify the type of wage: *1. Cash 2. Crop sharing 1/2 3. Crop sharing 1/3 4. Other*

Q52. If **cash**, do you pay monthly wage / worker? *1. Yes 2.No*

Q53. If **Other**, Specify.....

Q54. Do you provide permanent workers with: *1. Housing 2. Meals 3. Land access 4. Other(specify).....*

Q55. What is the estimate of the total monthly cost for permanent workers?(Kshs).....

Q56. If **yes** in **Q55**, do you hire part time workers? *1. Yes 2.No*

Q57. If **yes** in **Q56**, specify the type of work: *1. Land preparation 2. Cleaning 3. Harvesting 4. Other (specify).....*

Q58. Specify the type of wage: *1. cash 2. Crop sharing 3. Other(specify).....*

Q59. If cash payment, specify: *1. Daily 2. Weekly 3. Based on the task 4. Other(specify).....*

Q60. What is the average cost paid to each worker/day?(Kshs.).....

Q61. What is the estimated total annual cost for temporary workers?(Kshs).....

Q62. Do you participate in mutual aid groups? *1. Yes regularly 2. Yes when needed 3. No*

Q63. How did you appeal to off-farm workers during the last 5 years? *1. More and more 2. Less and less 3. Never*

Q64. If 1 in **Q63**, why? *1. Lack of arms 2. Income increase 3. Farm size increase 4. Other*

Q65. If 2 or 3 in **Q64**, why? *1. Family labour is enough 2. Income decrease 3. Mechanization and weed killers 4. Lack of workers*

AGRICULTURAL EQUIPMENT

Q66. What kind of agricultural equipment do you use? (1) **Mechanised** _____ (2) **Non-mechanised** _____
(3) **Both** _____

<i>Characteristics of the equipment</i>	Equipment 1	Equipment 2	Equipment 3	Equipment 4	Equipment 5	Equipment 6	Equipment 7	Equipment 8
Type : 1. <i>animal traction</i> 2. <i>motorized traction</i> 3. <i>sprayer</i> 4. <i>micro-irrigation equipment</i> 5. <i>irrigation pump</i> 6. <i>silos</i> 7. <i>tractor</i> 8. <i>other</i>								
Access : 1. <i>individual purchase</i> 2. <i>collective purchase</i> 3. <i>rental</i> 4. <i>borrowing</i> 5. <i>services</i> 6. <i>acquisition with a project</i> 7. <i>other</i>								
Does someone else use this equipment? 1. <i>rental</i> 2. <i>lending</i> 3. <i>exchange</i> 4. <i>cooperative</i> 5. <i>other</i> (specify)								
If yes, payment per year (Kshs)?								

Q67. Do you shortly plan to acquire agricultural equipment? 1. **Yes** _____ 2. **No** _____

Q68. If YES in Q 67, why? 1. **Availability of money** _____ (2). **Land extension** _____ (3). **Workforce shortage** _____
(4). **Technical changes** _____ (5). **Renew or update equipment** _____ (6). **Project opportunity** _____ (7). **Other** _____

Q69. Have you disposed any agricultural equipment over the 5 past years? 1. **Yes** _____ 2. **No** _____

Q70. What was the reason of disposing? (1). **To fund other activities/reinvestment** _____ (2). **Need of money** _____
(3). **Scarcity of workforce** _____ (4). **Old age or illness** _____ (5) **Other (specify)** _____

OTHER PROPERTY THAN PRINCIPAL RESIDENCY

Q71. Do you have property to rent or for your economic activities (house, non agricultural land, grocery, other business)? *1. Yes* _____
2.No _____

If **yes**, fill the table below

Properties to rent								
	Property 1	property 2	Property 3	Property 4	Property 5	Property 6	Property 7	Property 8
Type <i>1.non agricultural land 2.house 3.commercial property 4.other (specify)</i>								
Mode of acquisition : <i>1.inheritance/gift 2.purchase 3.attribution by the community 4.other (specify)</i>								
This property is: <i>1.rented 3.vacant</i>								
Amount of the rent (Kshs)								
Situation: <i>1.village 2.other village, same county 3.main town in the county 4.other county 5.other (Specify)</i>								

Q72.Do you plan to shortly acquire any property? *1. Yes* _____ *2.No* _____

Q73.If yes in **Q72**, why? *(1).settlement of children* _____ *(2).investment* _____ *(3).diversification* _____
(4).new activity _____ *(5).other (specify)* _____

PROPERTY DISPOSAL

Q74.Have you disposed any property? *(1).Yes* _____ *(2).No* _____

If yes fill the table below

	Property 1	Property 2	Property 3	Property 4	Property 5	Property 6	Property 7	Property 8
Type <i>1.non agricultural land 2.house 3.commercial property 4.other (specify)</i>								
When did you part with this property (Year)?								
Mode of transfer : <i>1.inheritance/gift 2.sale 3..other (specify)</i>								
Reason for transfer? <i>1.settlement of children 2.need for money 3.old age or illness 4.other (specify)</i>								

Q75.Do you plan to dispose any properties? *1. Yes 2.No*

On-farm activities and related activities

CROP CODES and NAMES:

Code	Crop			Code	Crop			Code	Crop			Code	Crop
119	apple			71	eggplant			80	nappier /elephant grass			8	sorghum
44	arrowroots			20	flowers			165	nathi (goose berry)			39	sorghum (drought resistant)
201	artemesia			25	french beans			147	njahi (dolichos)			160	soyabeans
97	avocado							37	njugu mawe(bambara bean)			66	spinach
50	avocado (grafted)			138	garlic onion							124	squash
18	babycorn			62	gourds			83	oats			190	stefali
10	bananas			179	grapes			77	okra			206	stinging nettle
202	bananas, tc			34	green grams			96	onions			177	strawberries
60	barley			167	green peas			61	orange (grafted)			187	sugar beets
7	beans			33	groundnuts			75	oranges			15	sugarcane

221	beetroot		72	guava		22	other fodder leaves		170	sugarcane, chewing
129	brinjals /biriganya					184	other leaves (bean,njahi)		64	sukuma wiki
169	bulrush millet		139	indigenous grains					30	sunflower
93	cabbage		140	indig veg/amaranthus		59	passion (grafted)		68	sweet melon
			27	Irish potatoes		137	passion fruit		43	sweet potatoes
200	camomile		51	irish potatoes, tc		46	passion fruits, tc		49	sweet potatoes, tc
67	capsicum /sweet peppers		210	karela		85	pasture (not eleph/napier)			
94	carrots					58	pawpaw(grafted)		3	tamarind
24	cashew nuts		84	lemon (grafted)		70	pawpaws		189	tangawizi
28	cassava		207	lemon grass		166	peaches		136	tangerine
48	cassava, tc		74	lemons		134	pears		12	tea
146	castor oil		173	lettuce		65	pepper, bell		29	tobacco
175	cauliflower		32	lucerne		141	pigeon peas		63	tomatoes
26	chickpeas		118	lugard		133	pineapples		162	tree tomato
131	chillie peppers					121	plums		53	trees (multi purpose), tc
42	citrus, tc		203	macadamia nuts (grafted)		178	pomegranate		161	Turnips
23	coconuts		135	macadamia nuts		35	poyo		5	trees, commercial
194	coconuts, copra		47	macadamia, tc		76	pumpkin			
193	coconuts, green		1	maize, dry		172	pumpkin leaves		205	vanilla
6	coffee, cherries		2	maize, green		17	pyrethrum			
176	coffee, churned		4	maize (fodder)					69	watermelon
11	coffee, mbuni		73	mangoes		211	ravaya		13	wheat
168	corn flower		204	mangoes (grafted)		31	rice		41	wheat (drought resistant)
14	cotton		45	mangoes, tc		86	rosemary		163	white suppoise
21	cowpeas		120	matomoko		171	runner beans		149	wild berries
19	cowpeas leaves		9	millet						
125	cucumber		148	miraa		36	saina		95	yellow passion fruit(mero)
			197	mkunga		40	simsim (drought resistant)		81	yams
192	dates		196	mkuyu		78	simsim			

[illegible][illegible]

[illegible]

Make a list of all the main permanent crops (*select from the list of crops above*)

[illegible]

[illegible]

Q77. Have you in the last five years stopped or introduced some annual crops? **1. Yes 2. No**

If **yes**, fill in the following table (*Select Crops stopped from the list of crops above*)

Crop Code	Why crop was stopped?			List crops you introduced if any		Why was crop introduced		
	1. Lack of demand 2. No Technical or financial support 3.Poor Climate 4.Rentability 5.Time constraint 6.Lack of/High Labour cost			(use crop codes)		1.Increased demand 2.Available technical or financial support 3.Favourable climate 4.Rentability 5.Time opportunity 6.Labor availability 7.Other(specify)		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

PERSPECTIVES FOR THE CHILDREN

Q131. Do you want your children to continue with farming? **1. Yes, all of them 2. Yes, some of them 3. No 4.don't know**

Q132. If yes, why?

1. Insufficient patrimony 2. Attachment to the farm 3. Need for labour 4. Social cohesion 5. Other

Q133. If not, why?

1. Unsure of farming viability 2. Better life in town 3. Education 4. Insecurity 5. Scarcity of land 6.other (specify)

Q134. If not, which kind of employment would you like for them? *1. Employee 2. Self-employment*

Q135. If employed, what kind of job?

Q136. Where would you like your children to live? *1. Same location 2. Same district 3. In urban area 4. Abroad*

Q137. Evolution of the living conditions

How has the living condition of your household evolved over the last 10 years? Explain in terms of:							How do you think the living conditions of your household will evolve over the next 10 years?	Explain what you do to improve the living conditions of your family, especially for the future of your children?
							1=Better 2=Same 3=Worse 4=Don't know	1=Diversification of agricultural activities 2=Strengthening of farm activities 3=New non-farm activities 4=Strengthening of non farm activities 5=Migration 6=Education 7=Marketing strategies 8=Other 9=Don't know
Food	Housing	Health	Education of children	Water	Income	Environment/pollution		
1=Better 2=Same 3=Worse	1=Better 2=Same 3=Worse	1=Better 2=Same 3=Worse	1=Better 2=Same	1=Better	1=Better	1=Better 2=Same		

Pigs												
Goats/sheep												
Poultry												
Other, please specify												

Livestock Products

Animal Product	Unit*	Production / month	Unit price on average	Total value of sales
Milk				
Eggs				
Leather, Skin				
Bones and Horns				
Honey				
Wool				
Manure				
Fish (if has pond)				
Other				

* Liter, number, crate, Kg, cart, etc.

Q80. Do you have fattening activities for the following animals?

1. Cattle 2. Sheep/goat 3. Both 4. None

Q81. What is the Income per year from the fattening activities (*be careful not to add with the global income from livestock activities*)

Estimate the costs of Livestock keeping for the season:

Activity	Cost (Ksh)
Livestock herding labour	
Other costs of hired labour	
Feed and forage	
Dewormers, vaccine, vet etc.	
Tick control	
Insemination	
Maintenance of animal housing	
Other costs (specify)	

Q82. Have you in the past stopped keeping or introduced certain types of livestock? *1. Yes* *2.No*

If **yes**, fill in the following table.

Livestock stopped	Why Livestock was stopped? 1. Lack of demand 2. No Technical or financial support 3.Poor Climate 4.Rentability 5.Time constraint 6.Lack of/High Labour cost	List Livestock you introduced if any	Why was Livestock introduced 1.Increased demand 2.Available technical or financial support 3.Favourable climate 4.Rentability 5.Time opportunity 6.Labor availability 7.Other(specify)

Processing of agricultural products

Q83. Do you transform or process any products on the farm? *1. Yes* *2. No*

If **yes**, please fill in the table below:

Type of products	Unit	Quantity produced per month	price per Unit	Monthly costs	No. of person of the household involved in that activity	Manager of that activity: 1.Head of the household 2.Partner 3.Children 4.Parents 5.Other	Marketing methods : 1.Direct sale at the market 2.Direct sale at the farm 3.Transformation firm 4.Other (specify)	How is the price fixed? 1.When the production is sold 2.Before the sale, with the buyer 3.Other (specify)	If there is a negotiation before the sale, is there a contract? 1.Yes 2.No

If contract answer the **Module 3bis**

Q84.What is the estimated costs of the products above?:

Inputs	Product 1	Product 2	Product 3	Product 4
Energy				
Water				
Packaging				
Other inputs				

Farm Equipment

What are the specific equipments you own? Specify	Can you estimate the purchase price of these equipment? (Kshs.)	When did you buy them? Year?

Fishing, hunting, and picking (fruits, medicinal plants, mushrooms etc.)

Q85. Do you fish, hunt or do you pick natural/forest products? *1. Yes 2.no*

If **yes**, please fill in the table below:

Activity	Income per month of those activities	Marketing methods : <i>1.direct sale at the market 2.direct sale at the farm 3.processing firm 4.other (specify)</i>	How is the price determined <i>1.when the production is sold 2.before the sale, with the buyer 3.other (specify)</i>	If there is a negotiation before the sale, is there a contract? <i>1.yes 2.no</i>

If contract, please answer the Module 3bis

Extension services and institutional support

Q86. Do you receive technical advice? *1. Yes 2.No*

If **Yes**, specify the name of institution/NGO/project

[illegible]

[illegible]

Cont'

Crop code	Did you meet the terms of the contract?	If not, what prevented you from meeting the terms of the contract?
	1=Yes 2=No	1=The market price was more attractive for you ,2=Bad harvest ,3=Delivery delayed,4=Problem of quality ,5=Problems of money 6=Problem of workforce,7=Other (specify)

Q89. Do you market your Livestock products through contractual arrangement? *1. Yes, 2. No*

Animal Products:

Livestock Product	Product code
Milk	1
Eggs	2
Leather, Skin	3
Bones and Horns	4
Honey	5
Wool	6
Manure	7
Fish (if has pond)	8
Other(Specify)	9

If yes in **Q89**, fill the table below using Livestock Product Codes above.

Livestock Product code	With whom? 1=Middlemen 2=Wholesalers 3=Processors 4=Supermarket 5=Cooperatives 6=Farmer groups 7=Other(Specify)	Name of the firm?	Since when have you contracted?	What is the nature of the contract? 1=Informal 2=Formal/ written	How long does the contract last?	What kind of contract is it? 1=Purchase guarantee without prior fixed price 2=Purchase guarantee with prior fixed price	Does the purchase guarantee concern : 1=The whole production 2=A share of the production	Are the products sold: 1=On the field? 2=In Bulk? 3=Sorted 4=Packed?	What are the Conditions for payment? 1=At the delivery 2=Instalments 3=Barter 4=Other (Specify)	Are you paid for the quality? 1=Yes 2=No

Cont'.....

[illegible]

EVOLUTION OF FOOD SECURITY

Q91. For the last 5 years, how did your food security evolve in terms of:

Q92. Number of meals per day? *1. Same, 2. Less, 3. More*

Q93. Quality, variety and diversity of the meals? *1. Same, 2. Better, 3. Worse*

OTHER STRUCTURAL EXPENDITURES & ACCESS TO SERVICES

Q94. What is the distance (Kms) to the nearest health services: *1. In the village....., 2. Outside Village*

Q95. How much did you spend on the health services of the household last year? (Kshs.)

Q96. Normally, do you manage to cover the health services expenditures for the household annually?: *1. Always, 2. Often, 3. Sometimes*

Q97. How much do you spend on school fees for the children that:

1. Live in the household? (Kshs)....., 2. Who study somewhere else? (Kshs).....

Q98. Normally, do you manage to cover the annual expenditures on school fees for household? *1. Always, 2. Often, 3. Sometimes*

Q99. How easy is your access to transportation? *1. Easy the whole year, 2. Easy, but not all the year, 3. Difficult*

Q100. How much do you spend on private transport (fuel, maintenance of the vehicle) per month? (Ksh).....

Q101. Normally, do you manage to cover the monthly expenditures on private transport for the household? *1. Always, 2. Often, 3. Sometimes*

Q102. How much do you spend on energy for cooking, light and heating per month? (Kshs)

Q103. How much do you spend on water per month? (Kshs).....

Q104. How much do you spend on paying Taxes (cess, rates, and other levies) annually? (Kshs).....

Q105. What is the cost of other services, if any? (Kshs.).....

EXCEPTIONAL EXPENDITURES ON:

Q106. Religious and family ceremonies per year (Kshs.).....

Q107. Maintenance of the house (*construction/repairing of the house*) annually (Kshs.).....

Q108. Dowry payment per year (Kshs.).....

Q109. Do you own the following?

Item	1=Yes 2=No	If yes, how long have you had it?
Refrigerator		
TV		
Radio		
Mobile phone		
Bicycle		
Motorbike		
Vehicle		
Others (specify)		

SENDING REMITTANCES

Q110. Do you send remittances to other people? *1. Yes, 2. No*

Q111.If Yes as in **Q110**, fill the table below:

To Person's where? 1=Local 2=Abroad 3=Both Local and Abroad	Person's:					
	Age(Years)	Sex 1=Male 2=Female	Kinship : 1=Spouse 2=Child 3=Parent 4=Brother/sister 6=Other (specify	Main activity of the person? 1=Agriculture 2=Construction 3=Services 4=Industry 5=Business 6=Unemployed 7=Studies 8=Other(specify)	What is the remittance Frequency to the person? 1=Every 15 days 2=Every month 3=Every trimester 4=Other (specify)	Amount of remittances sent Annually (Kshs.)

HOUSEHOLD CREDITS

Q112. Do you have a current loan? *1. Yes, 2. No*

If yes, fill the following table:

From which organisation/institution?	Is it easy to have access to formal credit?	What amount of short term credit do you borrow per year (Kshs)	From which sources do you borrow short term credit?	What rate of interest do you pay?(Kshs)	How long do you take to repay the loan?	What is the amount of medium/long term credit you borrow annually? (Kshs)	From which sources do you borrow medium/long term credit?	What rate of interest do you pay?(Kshs)	For how long do you take to pay the loan?	On which activities do you spend your loan?
1=Bank or specialised credit agency 2=Cooperative 3=Association 4=Retailer 5=Private (multiple answer possible) 6=Other(specify)	1=Yes 2=No		1=Bank 2=SACCO 3=ROSCA 4=Microfinance Institutions 5=Friends 6=Relatives 7=Spouse 8=Others (specify)				1=Bank 2=SACCO 3=ROSCA 4=Microfinance Institutions 5=Friends 6=Relatives 7=Spouse 8=Others (specify)			1=Current expenditures, food 2=Cropping 3=Purchase of livestock 4=Maintenance of the house 5=Education of children 6=Social expenditures 7=Other (specify)

HOUSEHOLD SAVINGS

Q113. Do you save money? *1. Yes 2.No*

Q114. If yes, fill the table below:

Q115. In what form do you save? *1. Livestock, 2.Bank, 3.ROSCA, 4.SACCO, 5. Inventory 6.other (specify)*

Q116. What is the amount saved per annum (Kshs).....

Q117. How frequent do you save money: *1.Per day, 2. Per Week, 3.Per month, 4.More than a month*

Q118. What is the rate of interest earned on savings? (%).....

Q119. How do you plan to spend your savings?

- 1. Smoothen consumption*
- 2. Pay school fees*
- 3. Buy farming inputs*
- 4. Social activities*
- 5. Clothing*
- 6. Make investments*
- 7. Boost the business*
- 8. use in old age*
- 9. Others (specify)*

AGRICULTURAL INSURANCE

Q120. Do you have access to formal agricultural insurance? *1. Yes, 2.No*

Q121. If yes, from which organization?.....

Q122. Do you access to o an agricultural insurance? *1. Yes, 2. No*

Q123. If yes, in which one?.....

Q124. Please, specify what else is insured and how in the table below:

MODULE 5: TRAJECTORIES OF THE EVOLUTION OF THE HOUSEHOLDS

Activities of the parents

Q125. Where did your parents live (head of the household) when you left the household?

1. Same village 2. Other village, same county 3. Other county 4. Abroad 5. Don't know

Q126. Did your Parents live in rural area? **1. Yes 2. No**

Q127. If Yes in **Q126**, What were the activities that your parents were involved?

1. Agriculture

2. Construction

3. Services

4. Industry

5. Business

6. Unemployed

7. Employed,

8. Others (specify).....

Q128. Did your parents own a farm? **1. Yes 2.No**

Q129. If yes, was it shared? **1. Yes 2.No**

Q130. EVOLUTION OF THE ECONOMIC ACTIVITIES OF THE HOUSEHOLD

HH Member Serial Number	HH Members name	In 1990, what was your main economical activity (if different from the one you have nowadays)? 1=Self-employed 2=Permanent employee 3=Temporary employee (casual or piece worker, day labourer), 4= Agriculture, 5= Business, 6= Others (specify)	In 2000, did you have other economical activities; different from the one you have nowadays? 1=Yes 2=No (specify activity if Yes)	If yes, why? 1=Changes in demand 2=Technical training 3Financial support 4=Changes in climate 5=Rentability 6=Time opportunity. or constraint 7=Labour opportunity. or constraint 8=Other(Specify)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

PERSPECTIVES FOR THE CHILDREN

Q131. Do you want your children to continue with farming? *1. Yes, all of them 2. Yes, some of them 3. No 4.don't know*

Q132. If yes, why?

1. Insufficient patrimony 2. Attachment to the farm 3. Need for labour 4. Social cohesion 5. Other

Q133. If not, why?

