

APPENDICES

Appendix 1: Questionnaires

Appendix 1a: Household Data

Introduction

This questionnaire is being administered by a student, Jenipher A. N. Polo, who is undertaking a Master of Arts Degree in Project Planning and Management at Maseno University, City Campus, as part of a requirement for the award of the degree. It is meant to generate data purely for academic purposes. Your assistance is kindly requested. All information provided and the identity of the informants shall be treated with the strictest of confidentiality.

1 HOUSEHOLD IDENTIFICATION				
This section is to be completed for each household visited				
101	Name Estate/village			
102	Name of respondent (optional)			
103	Name of sub-Location			
104	Name of Location			
105	Number of respondent			
106	Name of interviewer			
107	Date of interview	Day	Month	Year
108	Time interview commenced			
109	Time interview ended			

1. HOUSEHOLD CHARACTERISTICS

Can you please tell me the first names of all the members of your household who usually leave here, sleep here and eat from the same pot including yourself. Please include all children, relatives and orphans if any, but do not count temporary visitors. **(Names will only be used in the interview and will not be related to data in the report. Make a list of all names before asking any questions)**

201	202	203	204	205
Tell me the first name of all the members of your household	What relationship is (name) to the head of household?	What is (name)'s gender	What age is (name)	What is the highest level of school and year (name) has completed?
CODING FOR ANSWERS	1. Head 2. Spouse 3. Child \geq 5 years 4. Child < 5 years 5. Relative 6. Others	1. Male 2. Female	Write number of years. For children <5 write the number of months	Write the number for the grade level. 0 = never 1 = primary 2 = Secondary – form 4 3 = University/college
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

2 HOUSEHOLD CHARACTERISTICS				
206	Sex of respondent	Male	1	
		Female	2	
207	Age of respondent	15 - 29 Yrs	1	
		30 - 44 Yrs	2	
		45 - 55 Yrs	3	
		56+ Yrs	4	
208	Your Marital Status?	Married	1	

		Single	2	
		Widowed	3	
3 CAPITAL AND ECONOMIC FACTORS				
301	What is your main source of income	Business	1	
		Farming	2	
		Bodaboda	3	
		fish mongering	4	
		Casual employment	5	
		Permanent	6	
		Retail trader/shopkeeper/kiosk	7	
		Fishing	8	
302	What is your average monthly income	< 500	1	
		501 - 1000	2	
		1001 - 3000	3	
		3001 -5000	4	
		5001 - 10000	5	
		> 10000	6	
303	Do you have any savings	Yes	1	
		No	2	
304	If yes, approximately how much do you save?	1000	1	
		2000	2	
		Cant remember	3	
305	Do you own agricultural land?	Yes	1	
		No	2	
306	If yes above, how many acres?	< 1 acre	1	
		1 - 2 acres	2	
		3 – 4 acres	3	
		>5 acres		
307	How did you acquire the land	Inherited	1	
		Purchased	2	
		Given as gift	3	
4 VEGETABLE AND FRUIT PRODUCTION AND FOOD SECURITY				
401	Are you involved in any vegetable and/or fruit production	Yes	1	
		No	2	
402	If yes above, for how long have you been farming vegetables and/or fruits?.	<1 years	1	
		2-3 years	2	
		3-5 years	3	
		5-7 years	4	
		7-39years	5	
		>10 years	6	
403	What is your main reason for engaging in this type of agricultural	For sale	1	

	production?	For food	2	
		As a hobby	3	
		As a pass time	4	
		others (specify)	5	
405	What acreage do you put under vegetables and/or fruits?	< 1acre	1	
		1 – 1.5 acres	2	
		2 – 2.5 acres	3	
		3 acres and above	4	
406	Do you engaged in any other agricultural production?	Yes	1	
		No	2	
407. If yes above, what is the total acreage of land you put under other agricultural production?				

409.	Do you use farm inputs?	Yes	1	
		No	2	
410	If yes above, what type of inputs do you use?	Improved seeds	1	
		fertilizers	2	
		Organic manure	3	
		Herbicides	4	
		Pesticides	5	
		Others, specify...	6	
411	How do you acquire your inputs for production	Freely from neighbors	1	
		Free from my farm	2	
		Buy from formal credit	3	
		Buy from own savings	4	
		Buy from proceeds of the farm	5	
		Buy from small business	6	
		Buy from informal credit		
		Freely from	1	

		neighbors		
412	What farm equipment do you own	Ox plough only	1	
		Irrigation kit only	2	
		Knapsack sprayer only	3	
		Ox plough & Irrigation kit	4	
		Ox plough and Knapsack sprayer	5	
		Knapsack sprayer and irrigation kit	6	
		All three	7	
413	What labour do you use on the farm?	Hired labour	1	
		Family labour	2	
		Group labour	3	
414	How does the group assist with your production?	marketing	1	
		Supply of inputs		
		Communal labour		
415	What is the main source of vegetables and fruits for your family?	Our own production	1	
		Purchase from markets	2	
		relatives	3	
		Others, specify	4	
416	On average how many times have you eaten vegetables and fruits for the past one week?	No of times		
		Do not know		
417	Were there times during the past one year that your house went without vegetables and/or fruits?	Yes	1	
		No	2	
418	Why does this happen?	No production in the farm	1	
		No money to buy	2	
419	List food security projects that have operated in your area in the past			
420	Which food security projects are operating in your area now?			
421	Which ones include vegetable and fruit production?			
422	How did you learn about the projects	Government officers	1	
		From neighbors	2	
		Chief's baraza's	3	
423	What are your roles in these projects	No role	1	
		Provide paid labour	2	
		Decision making	3	
		Sale of produce	4	

424	In your opinion, have the projects been successful	Yes	1	
		No	2	
425	If successful, can the gains be sustained?	Yes	1	
		No	2	
426	In your opinion, what are the reasons for lack of sustainable production of vegetable and fruit production?			

Appendix 1b: Focus Group discussion Guide

1. What is your understanding of food security.....
.....

2. In your opinion is your community food secure?.....
.....

3. What role would say vegetables and fruits play in food security in this area?.....
.....

4. Do you think enough vegetables and fruits area grown for consumption in your area?.....
.....

5. What would you say are the reasons if why there are not enough grown?.....
.....

6. Are women and the youth allowed to own land in your community?.....
.....

7. What would you say is the level of use of farm inputs and farm equipment like knapsack sprayer and irrigation water pumps for production?.....
.....

8. Are women and the youth able to engage in vegetable and fruit production like the men? Please explain.....

9. In your community how do women and the youth participate in vegetable and fruit production? (please specify; as labourers, decision makers or during sale of produce).....

10. For those who engage in vegetable and fruit production would you say there is adequate land, farm equipment and farm inputs for them to use?.....

11. Please explain the other challenges at the community level that the youth and women might encounter in vegetable and fruit production.....

12. Please describe the literacy level among the farmers in your area?.....

13. Would you say there is a difference between literacy levels of men and the women?.....

14. How do you think the literacy level affects vegetable and fruit production?.....

15. What causes this shortage? (probe for more information e.g. climatic conditions flood/drought, please explain.....

19. Please list the vegetable and fruit projects/programme that have been implemented in your area in the past
and the ones currently operating in the
area.....

20. Who are spearheading the food security projects/programmes (specify, Community, CBO, NGO or government)?.....

21. Of the past food security projects/programmes targeting vegetable and fruit production, which ones have their gains been sustained since the funding for them stopped?.....

22. If sustained, in your opinion what do you think are the reasons for sustainability at the community level and if not, what are the reasons for lack of sustainability?.....

23. If not sustained, in your opinion, what do you think are the socio economic factors at the community for the lack of sustainability of the gains?.....

Appendix 1c: Interview Schedule for Key Informants

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1. Which fruits are grown in the Kadibo division?.....
.....
2. Which vegetables are grown in the Kadibo division?.....
.....
3. What can you comment about the area under these crops in the division?.....
..
4. What can you comment about the yields of these crops in the division?.....
.....
5. Do the farmers use farm inputs for production of these crops?.....
.....
 6. If Yes in No. 6 above, please list the type of inputs they use?.....
.....
 7. What challenges at the community level do the farmers experience in input acquisition?.....
.....
 8. If farmers do not use farm inputs, why do you think they do not?.....
.....

9. In your opinion, what role do you think women and the youth play in vegetable and fruit production?.....
.....

.....

10. Please comment about economic status of the farmers in relation to input use and investment on farm equipment like the knap sack sprayer and irrigation pumps. availability?.....
.....

.....

11. Kindly comment on the land tenure systems in the area. Do you think the women have adequate access to land for production?

12. In your opinion, do you think the vegetables and fruits produced are enough for households' consumption at least in every meal throughout the year?
.....

.....

13. If yes above, do they have surplus for sale?.....

14. If No in 13 above, how do they cope with the deficit?.....

15. How would you rate the literacy level of the farmers who engage in vegetable and fruit production?.....
.....

16. Please list the past and current projects that have been implemented in Kadibo targeting vegetable and fruit production (by community, NGOs, Church Organization and the government).....

.....

.....

17. In your opinion, were the projects successful?.....

18. If successful, have their gains been sustained?.....

18. If not successful, what do you think are the reasons at the community level that have caused for failure?.....

.....
.....

20. Please list any socio economic factors at the community level that you think might have lead to the success and sustainability, or to the failure and lack of sustainability.....

.....
.....

11. Of those that failed if any, kindly list the socio economic factors at the community level that you think might have lead to the failure or lack of sustainable production

.....

12. In your opinion, how have the women and the youth been involved in these projects?.....

.....
.....

13. In your opinion, do you think the women and the youth have equal chances of engaging in vegetable and fruit production like the men? Please explain.

14. Please give your opinion of food security in the area especially with regards to vegetables and fruits.....

.....
.....
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Table 3: Estimated Budget for the Research

Activity	Resources required	Unit Cost	Total Cost
1. Data collection instruments	1400 pages	20/=	28 000
2. Telephone calls	10 airtime	500/=	5 000
3. Data Processing and analysis	1400 pages	20/=	28 000
4. Stationery for training	1 pkt Felt pens	1200/=	1 200
	Masking tape	100	100
	10 field note books	80/=	800
	10 pens	12/=	120
5. Proposal & Report Preparation	Typesetting Services	50/=	10 000
	Photocopying services	2/=	3 600
6. Report Binding	12 copies bound	200/=	2 400
7. Travelling allowance	500/=	20 days	10 000
8. Subsistence allowance	1000/=	20 days	20 000
9. Accommodation	2000/=	10 days	20 000
10. Contingency	10% of budget	10%	12 922
	Grand Total		142 142