

ZAMBIA POST-HARVEST SURVEY (1996/97)
FOR SMALL AND MEDIUM-SIZED HOLDINGS
(Synthetic Questionnaire)

Location of data files: **c:\docs\Zambia\PostHarv\9697\data_____**

Files created for this questionnaire:

File name	Level of Data	Page
id.sav	household	1
allsurid	household	2
hh.sav	household	3
input.sav	household, input type	13
landprep.sav	household, crop	14-15
plant.sav	household, crop	16
PlantTubers.sav	household, crop	17
weed.sav	household, crop	18-19
harvest.sav	household, crop	20
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livestock.sav	household, animal	24-25
assets.sav	household, asset	26
loans.sav	household, loan item	27
advice.sav	household, type of advice	28
likeadvice.sav	household, type of advice	29

Corresponding Table	Table Description
n/a	identifying information for household
n/a	all households that were initially surveyed
n/a	household level questions
I	Input use
II	Land preparation
III	Planting
IV	Planting of tubers
V	Weeding
VI	Harvesting
VII	Marketing
VIII	Sales of vegetables
IX	Livestock production and marketing
X	Assets and investments
XI	Loans received in kind
XII	Agricultural extension services
XIII	Desired agricultural extension services

ZAMBIA POST-HARVEST SURVEY (1996/97)
Synthetic Survey
FOR SMALL AND MEDIUM-SIZED HOLDINGS

“Identifying variables” (Original Questionnaire Cover)

File: id.sav

PROV _____ **Province (see code list)**
DIST _____ District
CSA _____ CSA (Census Supervisory Area) number
SEA __ __ SEA (Standard Enumeration Area) number (separate 1st and 2nd digits)
HH _____ Household serial number

Village/locality name: _____

Name of head of household: _____

WGT _____ Revised household weight factor
OLDWGT _____ Old weight factor
OLDDIST _____ Old district codes (to be used if matching with older PHS surveys)
ID1A _____ Sex of head of household: 1 Male 2 Female
ID1B _____ Age of head of household (years)

Name of respondent (if different from head of household): _____

ID2 _____ Response status (see code list)
ID3 _____ Category (see code list)

Household population:

ID4A _____ Number of males in household
ID4B _____ Number of females in household
ID4C _____ Total number of household members

Household agricultural activity:

ID5A _____ Crop growing 1 Yes 2 No
ID5B _____ Livestock raising 1 Yes 2 No
ID5C _____ Poultry raising 1 Yes 2 No
ID5D _____ Fish farming 1 Yes 2 No

PROV

Value	Label
1	Central
2	Copperbelt
3	Eastern
4	Luapula
5	Lusaka
6	Northern
7	Northwestern
8	Southern
9	Western

ID2		ID3	
Value	Label	Value	Label
1	Completed	1	A - small scale holding
2	Refusal	2	B - medium scale holding
3	Moved out of SEA		
4	Non-contact		
5	Hhold dissolved		

Table A (1 of 1) - All interviewed households: This file should only be used if information is needed for households that **did not** complete survey. **File: allsurid.sav**

Sex of head of household 1=Male 2=Female	Age of head of household	Response status 1 Completed 2 Refusal 3 Moved out of SEA 4 Non-contact 5 Hhold dissolved	Household population			Household agricultural activity				Household category 1 - A Small scale 2 - B Medium scale
			Males	Females	Total	Household grows crops? 0 - NA 1 - Yes 2 - No	Household raises livestock? 0 - NA 1 - Yes 2 - No	Household raises poultry? 0 - NA 1 - Yes 2 - No	Household has fish farms? 0 - NA 1 - Yes 2 - No	
SEX	AGE	RESPONSE	MALE	FEMALE	TOTPOP	GROWCROP	RAISLSTK	POULTRY	FISHFARM	CATEG

NOTE: crop codes were different for 1996 than they are for subsequent years. **The 1996 data were recoded to match later crop codes.**

Farm land and input use (Section 1 of original questionnaire)

- HLAND1 _____ Were any crops grown on the holding in the 1996/97 agricultural season?
 1 Yes
 2 No (-> Go to Section 3 - Vegetables)
- HLAND2 _____ How many **parcels** were operated by the members of the household during the 1996/97 agricultural season?
- HLAND3 _____ How many **fields** were in the parcels reported to have been operated during the 1996/97 agricultural season?
- HLAND4 _____ What was the **total area under crops** during the 1996/97 season (ha)? (Include land under perennial crops)
- HLAND5 _____ Did you use any **chemical fertilizers** during the 1996/97 agricultural season?
- HLAND6 _____ Did you **purchase** any **chemical fertilizers** for the 1996/97 agricultural season?
- HLAND7 _____ Where did you get most of the fertilizer purchased?

*Table I - Input use (Section 1)***Crop Production, Input Use and Marketing (Section 2 of original questionnaire)**

- Table II - Land preparation*
- Table III - Planting*
- Table IV - Planting of Tubers*
- Table V - Weeding*
- Table VI - Harvesting*
- Table VII - Marketing*

Vegetables (Section 3 of original questionnaire)*Table VIII - Sales of vegetables*

Livestock Production and Marketing (Section 4 of original questionnaire)

HCATT1 _____ Did you or any member of the household **raise any cattle of any kind** during the 1996/97 agricultural season?

- 1 Yes
- 2 No

HCATT2 _____ How many **cattle of all kinds** did you raise on **1st October, 1996?**

HCATT3 _____ How many **cattle of all kinds** are you raising today?

HCATT4 _____ Of the cattle you are raising, how many belong to **members** of this household?

Table IX - Livestock production and marketing

Fish Farming (Section 5 of original questionnaire)

HFISH1 _____ INTERVIEWER: Did the household carry out any **fish farming** during the 1996/97 agricultural season?

- 1 Yes
- 2 No (-> Go to question HEMP1)

HFISH2 _____ How many ponds **did you operate** during the reference period?

HFISH3 _____ How many ponds are **operational today?**

HFISH4 _____ During the 1996/97 agricultural season, did you **receive any income** from **fish farming?**

- 1 Yes
- 2 No (-> Go to question HEMP1)

HFISH5 _____ What was the **amount** received from **fish farming** (Kw)?

Permanent employees (Section 6 of original questionnaire)

HEMP1 _____ Did you **have any permanent employees** to carry out **agricultural operations** during the 1996/97 agricultural season?

- 1 Yes
- 2 No (-> Go to Table X)

How many **permanent employees** did you have?

HEMP2A _____ males

HEMP2B _____ females

HEMP2C _____ Total

How much did you **pay** to the **male permanent employees** during the 1996/97 agricultural season:

HEMP3A _____ in cash (Kw)

HEMP3B _____ in-kind (Kw)

How much did you **pay** to the **female permanent employees** during the 1996/97 agricultural season:

HEMP4A _____ in cash (Kw)

HEMP4B _____ in-kind (Kw)

Assets and investments (Section 7 of original questionnaire)

Table X - Assets and investments

Credit (Section 8 of original questionnaire)

HCRED1 ___97_ For the 1996/97 agricultural season:
Credit Code

HCRED2 _____ Did you apply for any **agricultural loan from the formal sector** for the 1996/97 agricultural season?
1 Yes
2 No (-> go to question HCRED14)

HCRED3 _____ How many **loans did you apply for**?

HCRED4 _____ Did you **receive any** of the **agricultural loan(s)**?
1 Yes
2 No (-> go to question HCRED15)

HCRED5 _____ How many loans **did you receive** during the 1996/97 agricultural season?

What was the source of the loan(s)?

HCRED6A _____ Agricultural financial institution 1 Yes

HCRED6B _____ Cooperative society 1 Yes

HCRED6C _____ Commercial bank 1 Yes

HCRED6D _____ Private credit agent 1 Yes

HCRED6E _____ NGO 1 Yes

HCRED6G _____ Other (Specify) 1 Yes

What was the **purpose of the loan(s)**?

- HCRED7A ___ Purchase of agricultural inputs 1 Yes
- HCRED7B ___ Purchase of animals 1 Yes
- HCRED7C ___ Purchase of equipment 1 Yes

- HCRED7D ___ Purchase construction of structure 1 Yes
- HCRED7E ___ Purchase of vehicles 1 Yes
- HCRED7F ___ Other (Specify) 1 Yes

What kind(s) of collateral/security was required?

- HCRED8A ___ None 1 Yes
- HCRED8B ___ Livestock 1 Yes
- HCRED8C ___ House 1 Yes

- HCRED8D ___ Machinery 1 Yes
- HCRED8E ___ Group guarantee 1 Yes
- HCRED8F ___ Land 1 Yes

- HCRED8G ___ Other (Specify) 1 Yes

- HCRED9 ___ Was/were the loan(s) **received in cash or in kind**?
- 1 Cash
 - 2 In kind
 - 3 Both cash and in kind

Table XI - Loans received in kind

- HCRED10 ___ For the loan(s) **received in cash, what was the total amount applied for** (Kw)?
- HCRED11 ___ For the loan(s) **received in cash, what was the total amount received** (Kw)?

What was (were) the **interest rate(s) on the loan(s)** received in cash (percent)?

- HCRED12A ___ %
- HCRED12B ___ %

- HCRED13 ___ For loan(s) received in cash, how much of the **debt is still outstanding** (Kw)?

HCRED14 _____ Why did you **not apply**?

- 1 Not interested
- 2 Bank is too far
- 3 Interest rate is too high
- 4 Defaulted on earlier loan
- 5 Do not have funds for down payment
- 6 Other (Specify)

HCRED15 _____ Did you obtain agriculture **loans in cash** from the **informal sector** (i.e. friends, neighbors, money lenders) for the 1996/97 agriculture season?

- 1 Yes
- 2 No (-> Go to Table XII)

HCRED16 _____ What was the total amount of the loan(s) that you received from the informal sector (Kw)?

Agricultural extension services (Section 9 of original questionnaire)

Table XII - Agricultural extension services

Other agricultural services and holding information (Section 10 of original questionnaire)

Livestock services

HSICK1 _____ Interviewer: did the household **raise any cattle** during the 1996/97 agricultural season?

- 1 Yes
- 2 No (-> Go to question HINFO1)

HSICK1a _____ Where do you **graze your cattle** most of the time?

- 1 Own land
- 2 Rented
- 3 Communal land
- 4 Other

HSICK1b _____ Is there **overgrazing** in your area?

- 1 Yes
- 2 No

HSICK2 _____ Do you **vaccinate your cattle** against diseases?

- 1 Yes
- 2 No

HSICK3 _____ Do you **practice tick control**
 1 Yes
 2 No (-> Go to question HSICK6)

HSICK5 _____ What **type of tick control** do you **use most**?
 1 Dipping
 2 Spraying
 3 Other (Specify)

HSICK5a _____ Who **owns the dip tank** you use?
 1 Self
 2 Private
 3 Government
 4 Community
 5 Other

HSICK5b _____ How **far** is the **nearest functional** dip tank?
 1 Less than 1 Km
 2 1 to less than 3 Km
 3 3 to less than 5 Km
 4 5+ Km

HSICK6 _____ Were any of your **cattle infected** by diseases during the 1995/96 agricultural season?
 1 Yes
 2 No (-> Go to question HINFO1)

HSICK6a _____ How **many instances** were the cattle infected by disease?

HSICK6b _____ In these instances of disease, did you **consult a veterinary officer**?
 1 Yes
 2 No (-> Go to Question HSICK7)

HSICK6c _____ How many **times** did you consult a veterinary officer?

HSICK7 _____ How many **cattle** were **infected** by disease?

HSICK8 _____ Were any of the infected **cattle treated with modern medicine**?
 1 Yes
 2 No (-> Go to question HSICK11a)

HSICK9 _____ Of the **cattle** which were **infected** with disease, **how many** were **treated** with any modern medicine?

HSICK11 _____ What was the **main source** of the medicine? (-> Go to question HSICK12)

- 1 From neighbors or friends
- 2 From a veterinary officer
- 3 Bought in town
- 4 Bought from a local trader
- 5 Other sources

HSICK11a _____ **Why didn't** you **consult** a veterinary officer?

- 1 No transport to see him
- 2 No money to buy medicine
- 3 No veterinary officer in the area

HSICK12 _____ How many **cattle died** due to disease?

Market information

HINFO1 _____ Did you receive any **information on marketing** for agricultural products?

- 1 Yes
- 2 No (-> Go to question HINFO5)

HINFO2 _____ What is your most important source of **market prices information** for your agricultural products during the 1996/97 agricultural season?

- 1 Radio
- 2 Newspaper
- 3 AMIC Ag Marketing Info Center
- 4 Traders at the market
- 5 Traders who came to the farm
- 6 Fellow farmers
- 7 Extension officers
- 8 Other sources

HINFO2a _____ How often did you obtain this information?

- 1 Once a week
- 2 Once a month
- 3 2 - 3 times a month
- 4 Once in three months
- 5 Once in a season

HINFO3 _____ Are you **satisfied with the quality of this information**?

- 1 Yes (-> Go to question HINFO5)
- 2 No

HINFO4 _____ What was the main reason why you are **not satisfied** with the **quality** of this information?
 1 Infrequent information
 2 Inaccurate information
 3 Interest not covered
 4 Livestock not covered
 5 Too complex information

HINFO5 _____ Did you **receive any information on agricultural input supply**?
 1 Yes
 2 No (-> Go to question HINPUT9)

HINFO6 _____ What is your **main source of information on agricultural input supply**?
 1 Radio
 2 Newspaper
 3 AMIC Ag Marketing Info Center
 4 Traders at the market
 5 Traders who came to the farm
 6 Fellow farmers
 7 Extension officers
 8 Other sources

HINPUT9 _____ What is the **distance to the nearest all-weather road**?
 1 Less than 5 Km
 2 5 to 10 Km
 3 More than 10 Km

HINPUT10 _____ What is the **distance to the nearest input market**?
 1 Less than 10 Km
 2 10 to 15 Km
 3 More than 20 Km

HINPUT11 _____ What is the **distance to the place** where you **normally obtain** your **inputs**?
 1 Less than 10 Km
 2 10 to 15 Km
 3 More than 20 Km
 4 Not Applicable

HINPUT12 _____ What mode of transport do you normally use to get there?

- 1 On foot
- 2 Bicycle
- 3 Scotch cart
- 4 Own vehicle
- 5 Public transport
- 6 Own Canoe
- 7 Not Applicable

HINPUT13 _____ How do you **obtain most of your inputs?**

- 1 Do not use any
- 2 Input market
- 3 Trader at farmstead
- 4 Out-growing arrangements
- 5 Own retention
- 6 Gifts
- 7 Other (Specify)

HINPUT14 _____ **How do you finance most of your inputs?**

- 1 Pay in cash
- 2 Pay in kind
- 3 Purchase on credit and repay in cash
- 4 Purchase on credit and repay in kind
- 5 Through outgrowing arrangement
- 6 Not Applicable

Other agricultural services and holding information

HGRP1 _____ **As an individual, what is the most important asset you would want to invest in?**

- 1 Fish ponds
- 2 Small irrigation
- 3 Orchard/plantation
- 4 Livestock
- 5 Implements
- 6 Vehicle to transport produce to market
- 7 Acquisition of additional land through clearing (or purchase)
- 8 Dip tank
- 9 Other (Specify)

HGRP2 _____ What is the **most important investment** you would want your **community** to **invest in**?

- 1 Feeder roads
- 2 Small irrigation
- 3 Fish pond
- 4 Dip tank
- 5 Marketing center
- 6 Other (Specify)

HGRP3 _____ Have you heard about the Rural Investment Fund (RIF) (ASIP)?

- 1 Yes
- 2 No (-> **END INTERVIEW**)

HGRP4 _____ Are you part of a formally established group preparing a project for financing by the RIF (ASIP)?

- 1 Yes
- 2 No (-> Go to question HGRP10)

HGRP5 _____ What is the subject of the project?

- 1 Feeder roads
- 2 Irrigation
- 3 Dip tank
- 4 Marketing center
- 5 Transport

HGRP8 _____ Did you **as a group** apply for **agricultural loans from the formal sector** for the 1996/97 agricultural season?

- 1 Yes (-> **END INTERVIEW**)
- 2 No

HGRP10 _____ Why are you not part of a formally established group preparing a project for financing by the RIF (ASIP)?

- 1 Not interested
- 2 Not enough information on application procedures
- 3 Other (Specify)

END INTERVIEW

Table I (1 of 1) - Input use: For each input used, ask the following questions:

File: input.sav

Input type 1 Basal 2 Top dressing 4 Pesticide /Insecticides 5 Grain bags	What quantity of the input did you use? (kg)	Did you purchase any of this input during 96/97? 1 Yes 2 No (go to next INPUT type)	What quantity did you purchase?		How much did you spend purchasing the input?		Of the quantity purchased, how much did you use? (Kg)	What was the value of the quantity used from what was purchased? (Kw)	How much did you spend transporting the input? (Kw)	Was the input available on time? 1 Yes 2 No
			cash purchase (kg)	in-kind purchase (kg)	cash (Kw)	in-kind (Kw)				
INPUT	INP2	INP3	INP5A	INP5B	INP6A	INP6B	INP7A	INP7B	INP8	INP9
1										
2										
4										
5			# bags							

Table II (1 of 2) - Land preparation: For each crop grown, ask the following questions (for cassava see bottom part of table):

File: landprep.sav

Operation type 1 Land preparation	Crop Enter crop code for cases that apply. (See code list)	Was crop grown? 1 Yes	Total area under this crop. (xx.xx ha)	Did you plant cassava in the 1996/97 agricultural season? 1 Yes 2 No	Cassava area planted in the 1996/97 agricultural season. (xx.xx ha)	No. of hh members that took part in the land preparation.		Did you use hired casual labor for land preparation? 1 Yes 2 No	How much did you pay for the hired casual labor?	
						males	females		in cash (Kw)	in kind (Kw)
OPTYPE	CROP	LAN1	LAN2	LAN3	LAN4	LAN5A	LAN5B	LAN6	LAN7A	LAN7B
1										
1										
1										
1										
1										
1										
1										
1										
1										
1										
1										

For cassava:

1										
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The 1996 data were recoded to match later crop codes.

Crop code list:		
1 Maize	17 Sweet potatoes	34 Spinach
2 Sorghum	18 Cassava	35 Tomatoes
3 Rice	19 Kenaf	36 Onions
4 Millet	20 Cashew nuts	37 Okra
5 Sunflower	21 Other crops	38 Eggplant
6 Groundnuts	23 Oranges	39 Pumpkins
7 Soyabeans	24 Bananas	40 Chillies
8 Seed cotton	25 Pineapples	41 Chomolia
9 Irish potatoes	26 Guavas	42 Cauliflower
10 Virginia tobacco	27 Pawpaws	43 Carrots
11 Burley tobacco	28 Avocado	44 Lettuce
12 Mixed beans	29 Watermelon	45 Green beans
13 Ground beans	30 Mangoes	46 Green maize
14 Cowpeas	31 Other fruit	47 Other vegetables
15 Velvet beans	32 Cabbage	48 Tangerines
16 Coffee	33 Rape	

Table III (1 of 1) - Planting: For each (non-tuber) crop planted, ask the following questions:

File: plant.sav

Operation type	Crop Enter crop code for cases that apply. (See code list)	No. of hh members that took part in planting.		Did you use hired casual labor for planting? 1 Yes 2 No	How much did you pay for the hired casual labor?		Did you purchase seed for 1996/97 season? 1 Yes 2 No (go to PLA18)	What was the quantity and cost of local seed purchased and used?		What was the quantity and cost of hybrid seed purchased and used?		What was the quantity and cost of recycled seed purchased and used?		Amount spend on transporting seed from market to home?		Was most of seed available in time? 1 Yes 2 No	Did you apply any basal dressing fertilizer? 1 Yes 2 No	How much basal dressing fertilizer did you apply? (Kg)
		males	females		in cash (Kw)	in kind (Kw)		Quantity (kg)**	Cost (Kw)	Quantity (kg)**	Cost (Kw)	Quantity (kg)**	Cost (Kw)	in cash (Kw)	in kind (Kw)			
OPTYPE	CROP	PLA1A	PLA1B	PLA2	PLA3A	PLA3B	PLA12	PLA13A	PLA13B	PLA14A	PLA14B	PLA15A	PLA15B	PLA16A	PLA16B	PLA17	PLA18	PLA19
2																		
2																		
2																		
2																		
2																		
2																		
2																		
2																		
2																		
2																		
2																		

** - quantities were not asked for crops = 17 (sweet potatoes), 10 (Virginia tobacco) and 11 (Burley tobacco). **The 1996 data were recoded to match later crop codes.**

Crop code list:		
1 Maize	17 Sweet potatoes	34 Spinach
2 Sorghum	18 Cassava	35 Tomatoes
3 Rice	19 Kenaf	36 Onions
4 Millet	20 Cashew nuts	37 Okra
5 Sunflower	21 Other crops	38 Eggplant
6 Groundnuts	23 Oranges	39 Pumpkins
7 Soyabeans	24 Bananas	40 Chillies
8 Seed cotton	25 Pineapples	41 Chomolia
9 Irish potatoes	26 Guavas	42 Cauliflower
10 Virginia tobacco	27 Pawpaws	43 Carrots
11 Burley tobacco	28 Avocado	44 Lettuce
12 Mixed beans	29 Watermelon	45 Green beans
13 Ground beans	30 Mangoes	46 Green maize
14 Cowpeas	31 Other fruit	47 Other vegetables
15 Velvet beans	32 Cabbage	48 Tangerines
16 Coffee	33 Rape	

Table IV (1 of 1) - Planting of Tubers: For each tuber crop planted, ask the following questions:

File: PlantTubers.sav

Operation type	Crop Enter crop code for cases that apply. (See code list)	No. of hh members that took part in planting.		Did you use hired casual labor for planting? 1 Yes 2 No	How much did you pay for the hired casual labor?		Did you purchase cuttings for the 1996/97 agricultural year? 1 Yes 2 No	What was the cost of the cuttings purchased? (Kw)	How much did you spend on transporting most of the cuttings? (Kw)	Were the cuttings available in time? 1 Yes 2 No
		males	females		in cash (Kw)	in kind (Kw)				
OFTYPE	CROP	PLA1A	PLA1B	PLA2	PLA3A	PLA3B	TUB1	TUB2A	TUB3A	TUB4
3	18									

The 1996 data were recoded to match later crop codes.

Crop code list:			
1 Maize	17 Sweet potatoes	34 Spinach	
2 Sorghum	18 Cassava	35 Tomatoes	
3 Rice	19 Kenaf	36 Onions	
4 Millet	20 Cashew nuts	37 Okra	
5 Sunflower	21 Other crops	38 Eggplant	
6 Groundnuts	23 Oranges	39 Pumpkins	
7 Soyabeans	24 Bananas	40 Chillies	
8 Seed cotton	25 Pineapples	41 Chomolia	
9 Irish potatoes	26 Guavas	42 Cauliflower	
10 Virginia tobacco	27 Pawpaws	43 Carrots	
11 Burley tobacco	28 Avocado	44 Lettuce	
12 Mixed beans	29 Watermelon	45 Green beans	
13 Ground beans	30 Mangoes	46 Green maize	
14 Cowpeas	31 Other fruit	47 Other vegetables	
15 Velvet beans	32 Cabbage	48 Tangerines	
16 Coffee	33 Rape		

Table V (1 of 2) - Weeding: For each crop weeded, ask the following questions:

File: weed.sav

Operation type 4 Weeding	Crop Enter crop code for cases that apply. (See code list)	How many members of the household took part in weeding?		Did you use hired casual labor for weeding? 1 Yes 2 No	How much did you pay for the hired casual labor?		Did you use any animal power for weeding? 1 Yes 2 No	What type of animal power did you use most? 1 Female cattle 2 Oxen 3 Donkeys 4 Oxen & female cattle	What was the main source of your animal power? 1 Own 2 Hired 3 Borrowed	What was the cost of hiring the animal draught power?	
		males	females		in cash (Kw)	in kind (Kw)				in cash (Kw)	in kind (Kw)
OPTYPE	CROP	WED1A	WED1B	WED2	WED3A	WED3B	WED4	WED5	WED6	WED7A	WED7B
4											
4											
4											
4											
4											
4											
4											
4											
4											
4											

The 1996 data were recoded to match later crop codes.

Crop code list:			
1 Maize	17 Sweet potatoes	34 Spinach	
2 Sorghum	18 Cassava	35 Tomatoes	
3 Rice	19 Kenaf	36 Onions	
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5 Sunflower	21 Other crops	38 Eggplant	
6 Groundnuts	23 Oranges	39 Pumpkins	
7 Soyabeans	24 Bananas	40 Chillies	
8 Seed cotton	25 Pineapples	41 Chomolia	
9 Irish potatoes	26 Guavas	42 Cauliflower	
10 Virginia tobacco	27 Pawpaws	43 Carrots	
11 Burley tobacco	28 Avocado	44 Lettuce	
12 Mixed beans	29 Watermelon	45 Green beans	
13 Ground beans	30 Mangoes	46 Green maize	
14 Cowpeas	31 Other fruit	47 Other vegetables	
15 Velvet beans	32 Cabbage	48 Tangerines	
16 Coffee	33 Rape		

Table VI (1 of 1) - Harvesting: For each crop harvested, ask the following questions:

File: harvest.sav

Operation type	Crop Enter crop code for cases that apply. (See code list)	If cassava, how much area was under mature cassava during the 1996/97 agricultural season? (Includes area harvested during 1996/97 season.) (Ha)	If cassava, what is the total area currently under mature cassava? (Ha)	Did you harvest cassava during the 1996/97 agricultural season? 1 Yes 2 No	How many members of the household took part in harvesting?		Did you use hired casual labor for harvesting? 1 Yes 2 No	How much did you pay for the hired casual labor?		How many bags of the crop did you produce?		Did you incur any costs on transporting the crop from the field to the homestead? 1 Yes 2 No	How much did you spend on transporting the crop from the field to the homestead?	
					males	females		in cash (Kw)	in kind (Kw)	number of bags	Kg unit of measure		in cash (Kw)	in kind (Kw)
OPTYPE	CROP	HRV1	HRV2	HRV3	HRV4A	HRV4B	HRV5	HRV6A	HRV6B	HRV7	HRV7B	HRV8	HRV9A	HRV9B
5														
5														
5														
5														
5														
5														
5														
5														
5														
5														

For cassava:

5														
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The 1996 data were recoded to match later crop codes.

Crop code list:		
1 Maize	17 Sweet potatoes	34 Spinach
2 Sorghum	18 Cassava	35 Tomatoes
3 Rice	19 Kenaf	36 Onions
4 Millet	20 Cashew nuts	37 Okra
5 Sunflower	21 Other crops	38 Eggplant
6 Groundnuts	23 Oranges	39 Pumpkins
7 Soyabeans	24 Bananas	40 Chillies
8 Seed cotton	25 Pineapples	41 Chomolia
9 Irish potatoes	26 Guavas	42 Cauliflower
10 Virginia tobacco	27 Pawpaws	43 Carrots
11 Burley tobacco	28 Avocado	44 Lettuce
12 Mixed beans	29 Watermelon	45 Green beans
13 Ground beans	30 Mangoes	46 Green maize
14 Cowpeas	31 Other fruit	47 Other vegetables
15 Velvet beans	32 Cabbage	48 Tangerines
16 Coffee	33 Rape	

Table VII (1 of 2) - Marketing: For each crop harvested, ask the following questions (for cassava see bottom part of table):

File: market.sav

Operation type	Crop Enter crop code for each crop harvested. (See code list)	Did you sell any of the crop from the quantity produced? 1 Yes 2 No (go to MKT8)	Kg conversion unit	Of the total produce of the crop, how much have you sold during the 1996/97 agricultural season ?		How much did you receive from the sale of this crop?		To whom/where did you sell most of this crop? 1 Co-operative 2 Private trader 3 Agricultural processor 4 Local household 5 NGO 6 Credit co-ordinator 7 Other (specify)	In which month did you sell most of this crop? (See code list)	To process for marketing how much money did you spend on hired casual labor?		How much did you spend to transport this crop to the market?	
				for cash	for kind	in cash (Kw)	in kind (Kw)			in cash (Kw)	in kind (Kw)	in cash (Kw)	in kind (Kw)
OPTYPE	CROP	MKT1	MKT2	MKT2A	MKT2B	MKT3A	MKT3B	MKT4	MKT5	MKT6A	MKT6B	MKT7A	MKT7B
6													
6													
6													
6													
6													
6													
6													
6													
6													
6													

For cassava:

6													
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The 1996 data were recoded to match later crop codes.

Crop code list:			
1 Maize	17 Sweet potatoes	34 Spinach	
2 Sorghum	18 Cassava	35 Tomatoes	
3 Rice	19 Kenaf	36 Onions	
4 Millet	20 Cashew nuts	37 Okra	
5 Sunflower	21 Other crops	38 Eggplant	
6 Groundnuts	23 Oranges	39 Pumpkins	
7 Soyabeans	24 Bananas	40 Chillies	
8 Seed cotton	25 Pineapples	41 Chomolia	
9 Irish potatoes	26 Guavas	42 Cauliflower	
10 Virginia tobacco	27 Pawpaws	43 Carrots	
11 Burley tobacco	28 Avocado	44 Lettuce	
12 Mixed beans	29 Watermelon	45 Green beans	
13 Ground beans	30 Mangoes	46 Green maize	
14 Cowpeas	31 Other fruit	47 Other vegetables	
15 Velvet beans	32 Cabbage	48 Tangerines	
16 Coffee	33 Rape		

Month code list:	
1	January
2	February
3	March
4	April
5	May
6	June
7	July
8	August
9	September
10	October
11	November
12	December

Table X (1 of 1) - Assets and investments: For each asset owned, ask the following questions:

File: assets.sav

Type of asset 1 Ploughs 2 Harrows 3 Tractors 4 Other equipment 5 Transportation equipment 6 Draught animal	Did you or any member of the household own any of this asset? 1 Yes 2 No	How many of this asset did you have on 10/1/96?	How many were service-able then?	How many do you have today?	How many are service-able today?	What is the value of the assets today (Kw)?	Did you purchase/barter into your possessions any of this asset during the period 10/1/96 - 9/30/97? 1 Yes 2 No	How many of this asset did you purchase/barter into your possession?		What was the value of these assets purchased/bartered into your possession (include value of items bartered for)?		Were any of your draught animals treated with modern medicine? 1 Yes 2 No	How many draught animals were treated with modern medicine?	How much money was spent on treatment?
								for cash (number)	for kind (number)	in cash (Kw)	in kind (Kw)			
ASSET	AST1	AST2	AST2a	AST3	AST3a	AST4	AST5	AST6A	AST6B	AST7A	AST7B	AST8	AST9	AST9a
1														
2														
3														
4														
5														
6														

Type of asset 1 Ploughs 2 Harrows 3 Tractors 4 Other equipment 5 Transportation equipment 6 Draught animal	Did you spend any money repairing the asset during the period 10/1/96 - 9/30/97? 1 Yes 2 No	How many of this asset were repaired?	How much money was spent repairing this asset? (Kw)	Did you sell or barter any of this asset during the period 10/1/96 - 9/30/97? 1 Yes 2 No	How much money did you realize from the cash/ barter sale of this asset? in cash (Kw)	To what use did you put most of the money realized from the sale of this asset? 1 bought inputs 2 bought food 3 bought assets 4 other (specify:.....)
ASSET	AST10	AST11	AST12	AST13	AST14a	AST15
1						
2						
3						
4						
5						
6						

Table XI (1 of 1) - Loans received in kind: For each item for which a loan was applied for, ask the following questions:

File: loans.sav

Loan item	Value applied for? (Kw)	Value received? (Kw)
LOANITEM	LON1	LON2
0 None		
1 Fertilizer		
2 Seed		
3 Oxen		
4 Pesticide-insecticide		
5 Farm implements		
6 Building material		
7 Other		
1		
2		
3		
4		
5		
6		
7		

Table XII (1 of 1) - Agricultural extension services: For each type of advice received, ask the following questions:

File: advice.sav

Type of advice	Did you receive any advice of this type during the 1996/97 agricultural season? 1 Yes 2 No - Go to ADV5	What was the most important source of such advice? 1 Extension Officer 2 Farmer group 3 Field days 4 Radio 5 Publications 6 Marketing agents 7 NGO 8 Fellow farmer 9 Other Specify:.....	How often did you receive advice from this source? 1 Once a week 2 Once a month 3 2 to 3 times a month 4 Once in 3 months 5 Once a season	Did you use any of the advice received during the last agricultural season? 1 Yes 2 No	Why did you not use the advice? 1 Irrelevant 2 Lack of funds 3 Lack of inputs 4 Other (Specify:)	Would you like to receive advice / more advice on? 1. Yes 2. No
ADVICE	ADV0	ADV1	ADV2	ADV3	ADV4	ADV5
1. Crop husbandry						
2. Crop diversification						
3 Animal husbandry						
4 Marketing						
5 Credit						
6 Conservation farming						
7 Fruits and vegetables						
8 Irrigation						
9 Fish farming						
10 Household food security						
11 Farm management						
12 Farm power						
13 Post harvest processing						
14 Storage of farm produce						

END OF TABLES