

**ZAMBIA POST-HARVEST SURVEY (1999/2000)**  
**FOR SMALL AND MEDIUM-SIZED HOLDINGS**  
**(Synthetic Questionnaire)**

Location of data files: \Zambia\PostHarv\9900\data\\_\_\_\_\_

Files created for this questionnaire:

File name	Level of Data	Page
id.sav	household	1
allusrid.sav	household	2
cropwgt.sav	crop	2
hh.sav	household	3+
input.sav	household, input type	11
landprep.sav	household, crop	12
plant.sav	household, crop	13
PlantTubers.sav	household, crop	15
weed.sav	household, crop	16
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consume.sav	household, crop	19
growveg.sav	household, crop	20
livestock.sav	household, animal	21
assets.sav	household, asset	22

Corresponding Table	Table Description
n/a	
A	All interviewed households
B	Table of crop weights
n/a	
I	Input use
II	Land preparation
III	Planting
IV	Planting of tubers
V	Weeding
VI	Harvesting
VII	Marketing
VIII	Consumption
IX	Growing of vegetables
X	Livestock production and marketing
XI	Assets and investments

**ZAMBIA POST-HARVEST SURVEY (1999/2000)**  
**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 1<sup>st</sup> and 2<sup>nd</sup> digits)  
**HH** \_\_\_\_\_ Household serial number

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

**Village/locality name:** \_\_\_\_\_

**Name of head of household:** \_\_\_\_\_

**WGT** \_\_\_\_\_ Household weight factor  
**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)

<b>ID2</b>	Value	Label
1	1	Completed
2	2	Refusal
3	3	Moved out of SEA
4	4	Non-contact
5	5	Hhold dissolved

**Household population:**

	< 12 yrs	12-64 yrs	65+ yrs
Male	_____ ( <b>ID4A1</b> )	_____ ( <b>ID4B1</b> )	_____ ( <b>ID4C1</b> )
Female	_____ ( <b>ID4A2</b> )	_____ ( <b>ID4B2</b> )	_____ ( <b>ID4C2</b> )

<b>ID3</b>	Value	Label
1	1	A - small scale holding
2	2	B - medium scale holding

**Household agricultural activity:**

**ID5A** \_\_\_\_\_ Grows crops?      1 Yes    2 No  
**ID5B** \_\_\_\_\_ Raises livestock?    1 Yes    2 No  
**ID5C** \_\_\_\_\_ Raises poultry?        1 Yes    2 No

Assignment record:	
Name of enumerator:	Date compiled:
Name of supervisor:	Date checked:
Conducted by the central statistical office in conjunction with the Ministry of Agriculture, Food and Fisheries	

**Table A (1 of 1) - All interviewed households:**

**File: allsurid.sav**

Sex of head of household	Age of head of household	Response status 1 - completed 2 - refusal 3 - moved out of SEA 4 - non-contact 5 - HH dissolved	Household population						Household agricultural activity			Household category A or B	Household weight
			Males			Females			Household grows crops? 1 - Yes 2 - No	Household raises livestock? 1 - Yes 2 - No	Household raises poultry? 1 - Yes 2 - No		
			<12 yrs	12-64 yrs	65+ yrs	<12 yrs	12-64 yrs	65+ yrs					
SEX	AGE		MALE1	MALE2	MALE3	FEMALE1	FEMALE2	FEMALE3	GROWCROP	RAISLSTK	POULTRY	CATEG	WGT

**Table B (1 of 1) - Crop weights:**

**File: cropwgt.sav**

Crop (See code list)	Corresponding crop weight
CROP	CROPWGT

**Crop code list:**

1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower
3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies	

**Section 1: Farm land and input use**

*Table I - Input use*

**Section 2: Crop Production, Input Use and Marketing**

*Table II - Land preparation*

*Table III - Planting*

*Table IV - Planting of Tubers*

*Table V - Weeding*

*Table VI - Harvesting*

*Table VII - Marketing*

**Section 3: Consumption**

*Table VIII - Consumption*

**Section 4: Vegetables for Sale**

*Table IX - Sales of vegetables*

**Section 5: Livestock production and marketing**

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

Of the cattle you are raising, how many are?

HCATT5 \_\_\_\_\_ Cows

HCATT6 \_\_\_\_\_ Heifers

HCATT7 \_\_\_\_\_ Bulls

HCATT8 \_\_\_\_\_ Oxen (untrained)

HCATT9 \_\_\_\_\_ Oxen (trained)

HCATT10 \_\_\_\_\_ Tollies/Steers

HCATT11 \_\_\_\_\_ Calves

*Table X - Livestock production and marketing*

**Section 6: Off-farm income**

HOFF0 \_\_\_\_\_ In the past 12 months, has any member of this household received any income (cash/in-kind), other than from the sale of crops?

1 Yes

2 No

From which of the following sources did this household receive off farm income?

- HOFF1 \_\_\_\_\_ neighbor smallholder farm 1 Yes
- HOFF2 \_\_\_\_\_ nearby commercial farm 1 Yes
- HOFF3 \_\_\_\_\_ labourer on farm outside district 1 Yes
- HOFF4 \_\_\_\_\_ mining labourer 1 Yes
- HOFF5 \_\_\_\_\_ salary income or pension 1 Yes
- HOFF6 \_\_\_\_\_ other wage labor activity 1 Yes
- HOFF7 \_\_\_\_\_ food processing 1 Yes
- HOFF8 \_\_\_\_\_ trading 1 Yes
- HOFF9 \_\_\_\_\_ other small business activity 1 Yes

- HOFF10 \_\_\_\_\_ What has been this household's most important source of off-farm income (cash/in kind)?
- 1 none 6 small business activity
  - 2 labor on smallholder farm 7 food processing
  - 3 labor on commercial farm 8 salary/pension
  - 4 labor on farm outside district 9 other
  - 5 mining labor

**Section 7: Assets and investments**

*Table XI - Assets and investments*

**Section 8: Credit**

- HCRED2 \_\_\_\_\_ Did you apply for any agricultural loan from the formal sector for the 1999/2000 agricultural season?
- 1 Yes
  - 2 No (go to HCRED14)
- HCRED3 \_\_\_\_\_ How many loans did you apply for?
- HCRED4 \_\_\_\_\_ Did you receive any of the agricultural loans applied for from the formal sector?
- 1 Yes
  - 2 No (go to HCRED 15)
- HCRED5 \_\_\_\_\_ How many loans did you receive during the 1999/2000 agricultural season?
- HLOAN1 \_\_\_\_\_ What was the value of the loan/s obtained? (Kw)
- HLOAN2 \_\_\_\_\_ What was the value of the loan/s obtained? (Kw)

What was the source of the loan(s)?

- HCRED6A \_\_\_ CUSA 1 Yes
- HCRED6B \_\_\_ farmers association 1 Yes
- HCRED6C \_\_\_ commercial bank 1 Yes
- HCRED6D \_\_\_ private credit agent 1 Yes
- HCRED6E \_\_\_ NGO 1 Yes
- HCRED6F \_\_\_ Out-grower facilitator 1 Yes
- HCRED6G \_\_\_ government agent (OMNIA/FRA) 1 Yes
- HCRED6H \_\_\_ 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

HCRED14

- \_\_\_ Why did you not apply?
- 1 Inability to pay back 5 Defaulted on earlier loan
  - 2 Credit facility too far 6 No collateral
  - 3 Interest rate is too high 7 No need
  - 4 Unaware 8 Other (Specify)

HCRED15

- \_\_\_ Did you obtain agricultural loans in cash from the informal sector (i.e. friends, neighbors, money lenders) for the 1999/2000 agriculture season?
- 1 Yes
  - 2 No (go to Section 9)

HCRED16

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

**Section 9: Agricultural extension services**

**HADV1** \_\_\_\_\_ Have you received any agricultural extension advice from agricultural extension officer(s) during the 1999/2000 agricultural season?  
 1 Yes  
 2 No

**HADV2** \_\_\_\_\_ About how many times in total?

Which are the four (4) most important areas in which you received extension advice/services from agricultural extension workers?

- |                     |                        |                            |                            |
|---------------------|------------------------|----------------------------|----------------------------|
| <b>HADV3A</b> _____ | 1 Crop husbandry       | 6 Conservation farming     | 11 Farm management         |
| <b>HADV3B</b> _____ | 2 Crop diversification | 7 Fruits and vegetables    | 12 Farm power              |
| <b>HADV3C</b> _____ | 3 Animal husbandry     | 8 Irrigation               | 13 Post harvest processing |
| <b>HADV3D</b> _____ | 4 Marketing            | 9 Fish farming             | 14 Storage of farm produce |
|                     | 5 Credit               | 10 Household food security |                            |

If you discussed crops, which crops did you discuss? (List three (3) most important.)

- HADV4A** \_\_\_\_\_  
**HADV4B** \_\_\_\_\_  
**HADV4C** \_\_\_\_\_

<b>Crop code list:</b>						
1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia	
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower	
3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot	
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce	
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans	
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize	
7 Soybeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables	
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies		

Which are the three most important types of livestock you discussed?

- |                     |          |           |
|---------------------|----------|-----------|
| <b>HADV5A</b> _____ | 1 Cattle | 4 Sheep   |
| <b>HADV5B</b> _____ | 2 Pigs   | 5 Donkeys |
| <b>HADV5C</b> _____ | 3 Goats  |           |

**Section 10: Other agricultural services and holding information**

**\*Livestock services\***

**HSICK1** \_\_\_\_\_ Interviewer: did the household raise any cattle during the 1999/2000 agricultural season?  
 1 Yes  
 2 No (go to \*Marketing information' HINFO1)

**HSICK2** \_\_\_\_\_ Did you vaccinate your cattle against diseases during the 1999/2000 agricultural season?  
 1 Yes  
 2 No

**HSICK3** \_\_\_\_\_ Did you practice tick control during the 1999/2000 agricultural season?  
 1 Yes (go to HSICK5)  
 2 No

**HSICK4** \_\_\_\_\_ Why did you not practice tick control?  
 1 No facility (go to HSICK6)  
 2 Cannot afford the cost (go to HSICK6)  
 3 Other (go to HSICK6)

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

**HSICK6** \_\_\_\_\_ Were any of your cattle infected by diseases during the 1999/2000 agricultural season?  
 1 Yes  
 2 No (go to \*Marketing information" HINFO1)

**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 \*Marketing information" HINFO1)

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

**HSICK10** \_\_\_\_\_ What was the cost of the modern medicine (Kw)?

**HSICK11** \_\_\_\_\_ What was the main source of the medicine?  
 1 From neighbors or friends  
 2 From a veterinary officer  
 3 Bought in town  
 4 Bought from a local trader  
 5 Other sources

**\*Market information\***

**HINFO1** \_\_\_\_\_ Did you receive any information on marketing for agricultural products during the 1999/2000 agricultural season?  
 1 Yes  
 2 No (go to HINFO5)

**HINFO2** \_\_\_\_\_ What was your most important source of market prices information for your agricultural products during the 1999/2000 agricultural season?  
 1 Radio 5 Traders who came to the farm  
 2 Newspaper 6 Fellow farmers  
 3 AMIC Ag Marketing Info Center 7 Extension officers  
 4 Traders at the market 8 Other sources

**HINFO3** \_\_\_\_\_ Were you satisfied with the quality of this information?  
 1 Yes (go to HINFO5)  
 2 No

**HINFO4** \_\_\_\_\_ What was the main reason why you were 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 during the 1999/2000 agricultural season?  
 1 Yes  
 2 No (go to HINFO6A)

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

For your major crops, how did you obtain most of your seeds/seedlings/cuttings during the 1999/2000 agricultural season?

**HINPUT6A** \_\_\_\_\_ Did not use any 1 Yes  
**HINPUT6B** \_\_\_\_\_ Bought from input market 1 Yes  
**HINPUT6C** \_\_\_\_\_ Bought from trader at the farm stead 1 Yes  
**HINPUT6D** \_\_\_\_\_ Obtained through outgrowing arrangements 1 Yes  
**HINPUT6E** \_\_\_\_\_ Own retention 1 Yes  
**HINPUT6F** \_\_\_\_\_ Gifts 1 Yes  
**HINPUT6G** \_\_\_\_\_ Other (Specify) 1 Yes

**\*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 6 Vehicle  
 2 Small irrigation 7 Improved storage facility  
 3 Orchard/plantation 8 Additional land  
 4 Livestock 9 Dip tank  
 5 Implements 10 Other (Specify)

**HGRP2** \_\_\_\_\_ What is the most important investment you would want your community to invest in?  
 1 Feeder roads 5 Dip tank  
 2 Dam 6 Marketing center  
 3 Small irrigation 7 Storage shed/depot  
 4 Fish pond 8 Other (Specify)

**HGRP11** \_\_\_\_\_ Are you part of a formally established farmer group, association, or co-operative?  
 1 Yes  
 2 No (**END INTERVIEW**)

Which of the following areas is your farmer group involved?

<b>HGRP12A</b>	_____	Getting inputs on credit	1 Yes
<b>HGRP12B</b>	_____	Storage of produce	1 Yes
<b>HGRP12C</b>	_____	Securing marketing contracts	1 Yes
<b>HGRP12D</b>	_____	Transportation of output	1 Yes
<b>HGRP12E</b>	_____	Improved crop husbandry practices	1 Yes
<b>HGRP12F</b>	_____	Other	1 Yes

**HGRP3** \_\_\_\_\_ Have you heard about the Rural Investment Fund (RIF) (ASIP)?  
 1 Yes  
 2 No (**END INTERVIEW**)

**HGRP4** \_\_\_\_\_ Is your group preparing a project for financing with the RIF (ASIP) this season?  
 1 Yes  
 2 No (go to HGRP10)

**HGRP5** \_\_\_\_\_ What is the subject of the project?  
 1 Feeder roads  
 2 Irrigation  
 3 Dip tank  
 4 Marketing center  
 5 Storage shed/depot  
 6 Other (Specify)

**HGRP6** \_\_\_\_\_ Have you as a group received any funds from RIF in the current agricultural season?  
 1 Yes  
 2 No

**HGRP6A** \_\_\_\_\_ Have you as a group received any funds from RIF in the past?  
 1 Yes  
 2 No (go to HGRP10)

**HGRP7** \_\_\_\_\_ Why have you not received any funds from RIF?  
1 Project proposal not ready  
2 Required conditions not met  
3 Other (Specify)

**HGRP8** \_\_\_\_\_ Did you as a group apply for agricultural loans from any other source in the formal sector for the 1999/2000 agricultural season?  
1 Yes (**END INTERVIEW**)  
2 No

**HGRP9** \_\_\_\_\_ Why did you not apply for agricultural loans from the formal sector?  
1 Funded by RIF  
2 Other (Specify)

**END INTERVIEW**

**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	Did you use this input during 99/00?	What quantity of the input did you use? (kg)	Manure type	Did you purchase any of this input during 99/00?	Where did you purchase the input?	What quantity did you purchase?		How much did you spend purchasing the input?		Of the quantity purchased, how much did you use? (Kg)	Was the input available on time?
						cash purchase (kg)	in-kind purchase (kg)	cash (Kw)	in-kind (Kw)		
1 Basal 2 Top dressing 3 Manure 4 Pesticide /Insecticides 5 Grain bags	1 Yes 2 No 9 N/A	99999 N/A	1 Animal manure 2 Green manure 3 Animal & green 4 Other 9 N/A	1 Yes 2 No 9 N/A	1 FRA through Farmers Association 2 Farmers Association 3 NGO 4 Private trader 5 Government Agent (FRA/Omnia) 6 Fellow farmer 7 Out- growers 8 Other (specify) 9 N/A	99999 N/A	99999 N/A	9999999 N/A	9999999 N/A	99999 N/A	1 Yes 2 No 9 N/A
INPUT	INP1	INP2	INP2A	INP3	INP4	INP5A	INP5B	INP6A	INP6B	INP7	INP9
1											
2											
3											
4											
5						# bags					

**Table II (1 of 1) - 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 cassava/burley tobacco grown? 1 Yes 2 No	Total area under this crop. (xx.xx ha)	Plant cassava/burley tobacco 99/00? 1 Yes 2 No	Area planted cassava/burley tobacco 99/00.	Area under mature cassava.	Total area currently under mature cassava.	Did you use animal draught power for land preparation? 1 Yes 2 No	What was the main source of your animal draught power for land preparation? 1 Own 2 Hired 3 Borrowed	What was the cost of hiring the animal draught power for land preparation?		Did you use any mechanical power for land preparation? 1 Yes 2 No	Main source of mechanical power for land preparation. 1 Own 2 Hired 3 Borrowed	Cost of hiring mechanical power.	
										in cash (Kw)	in kind (Kw)			in cash (Kw)	in kind (Kw)
OPTYPE	CROP	LAN1	LAN2	LAN3	LAN4	LAN4A	LAN4B	LAN8	LAN10	LAN11A	LAN11B	LAN12	LAN14	LAN15A	LAN15B
1															
1															
1															
1															
1															
1															
1															
1															
1															
1															

For cassava:

18															
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Crop code list:							
1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia		
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower		
3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot		
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce		
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans		
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize		
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables		
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies			

**Table III (1 of 2) - 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)	Did you use animal draught power during planting? 1 Yes 2 No	What was the main source of your animal draught power? 1 Own 2 Hired 3 Borrowed	What was the cost of hiring the animal draught power?		Did you use any mechanical power? 1 Yes 2 No	Main source of mechanical power. 1 Own 2 Hired 3 Borrowed	Cost of hiring mechanical power.	
				in cash (Kw)	in kind (Kw)			in cash (Kw)	in kind (Kw)
OPTYPE	CROP	PLA4	PLA6	PLA7A	PLA7B	PLA8	PLA10	PLA11A	PLA11B
2									
2									
2									
2									
2									
2									
2									
2									
2									
2									
2									
2									
2									
2									

Crop code list:						
1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia	
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower	
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4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce	
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans	
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize	
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables	
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies		



**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)	Did you purchase cuttings for the 1999/2000 agricultural year?  1 Yes 2 No	What was the type and cost of the cuttings purchased?		Were most of the cuttings available in time?  1 Yes 2 No	Did you apply basal dressing fertilizer to the sweet potatoes?  1 Yes 2 No	How much basal dressing fertilizer did you apply to the sweet potatoes?  (kg)
			local cuttings (Kw)	improved cuttings (Kw)			
OPTYPE	CROP	TUB1	TUB2A	TUB2B	TUB4	PLA8	PLA9
3	17						
3	18						

**Crop code list:**

1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower
3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies	

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

**File: weed.sav**

Operation type	Crop Enter crop code for cases that apply. (See code list)	Did you use any animal draught power for weeding? 1 Yes 2 No	What was the main source of your animal draught power? 1 Own 2 Hired 3 Borrowed	What was the cost of hiring the animal draught power?		Did you use any mechanical power for weeding? 1 Yes 2 No (go to WED12)	What was the main source of your mechanical power? 1 Own 2 Hired 3 Borrowed	What was the cost of hiring the mechanical power?		Did you apply any top dressing fertilizer to this crop? 1 Yes 2 No	How much top dressing fertilizer did you apply? (Kg)
				in cash (Kw)	in kind (Kw)			in cash (Kw)	in kind (Kw)		
OPTYPE	CROP	WED4	WED6	WED7A	WED7B	WED8	WED10	WED11A	WED11B	WED12	WED13
4											
4											
4											
4											
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4											

Crop code list:							
1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia		
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3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot		
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce		
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans		
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize		
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables		
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies			

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

**File: harvest.sav**

Operation type 5 - Harvest	Crop Enter crop code for cases that apply. (See code list)	Did you harvest the crop during the 1999/00 agricultural season? 1 Yes 2 No	How much of this crop have you/ will you produce?	
			quantity	kg conversion value
OPTYPE	CROP	HRV3	HRV7A	HRV7B
5				
5				
5				
5				
5				
5				
5				
5				
5				
5				
5				

Crop code list:						
1 Maize	9 Irish potatoes	17 Sweet potatoes	25	33 Rape	41 Chomolia	
2 Sorghum	10 Virginia tobacco	18 Cassava	26 Guavas	34 Spinach	42 Cauliflower	
3 Rice	11 Burley tobacco	19 Kenaf	27	35 Tomato	43 Carrot	
4 Millet	12 Mixed beans	20 Cashew nuts	28	36 Onion	44 Lettuce	
5 Sunflower	13 Ground beans	21 Other	29	37 Okra	45 Green beans	
6 Groundnuts	14 Cowpeas	22	30	38 Eggplant	46 Green maize	
7 Soyabeans	15 Velvet	23	31	39 Pumpkin	47 Other vegetables	
8 Seed cotton	16 Coffee	24 Bananas	32 Cabbage	40 Chillies		



**Table VIII (1 of 1) - Consumption: For each of these crops (maize, sorghum, rice, millet, sweet potatoes and cassava) ask the following questions: consume.sav**

CROP	CSM1	CSM2	CSM3	CSM4	CSM5	CSM6
1 Maize						
2 Sorghum						
3 Rice						
4 Millet						
17 Sweet potatoes						
18 Cassava						

**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) - Livestock production and marketing: For each animal raised, ask the following questions:**

**File: livestock.sav**

Animal Enter animal code for cases that apply.	Was animal raised during 1999/2000 season? 1 Yes 2 No	How many did you raise on 10/1/99?	How many are you raising today?	How many were born alive?	How many did you purchase/barter into your possession between 10/1/99 to date?		How much did you pay for the animals purchased/bartered into your possession? (Include value of items bartered for the animals.)		How many did you receive as gifts during the period 10/1/99 to date?	How many did you sell/barter out during the period 10/1/99 to date?		How much did you receive from the sales of these animals? (Include value of items bartered for the animals.)	
					for cash (number)	for kind (number)	in cash (Kw)	in kind (Kw)		for cash (number)	for kind (number)	in cash (Kw)	in kind (Kw)
ANIMAL	LIV1	LIV2	LIV3	LIV4	LIV5A	LIV5B	LIV6A	LIV6B	LIV7	LIV8A	LIV8B	LIV9A	LIV9B
1 Cattle													
2 Pigs													
3 Goats													
4 Sheep													
5 Chickens													

Animal Enter animal code for cases that apply.	How many animals did you slaughter for cash sale/barter during the period 10/1/99 to date?		How much did you receive from the sale of slaughterer animals (include value of items bartered for)?		How many were slaughtered for home consumption during the period 10/1/99 to date?	How many did you give away as gifts during the period 10/1/99 to date?	How many did you loose due to sickness, other causes of death or theft during the period 10/1/99 to date?		
	for cash (number)	for kind (number)	in cash (Kw)	in kind (Kw)			death from disease (number)	thefts (number)	other losses (number)
ANIMAL	LIV10A	LIV10B	LIV11A	LIV11B	LIV12	LIV13	LIV14A	LIV14B	LIV14C
1 Cattle									
2 Pigs									
3 Goats									
4 Sheep									
5 Chickens									

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

**File: assets.sav**

Type of asset	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 10/1/99?	How many do you have today?	What is the value of the assets today (Kw)?	Did you purchase/ barter into your possessions any of this asset during the period 10/1/99 to date?  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)?		Did you spend any money repairing the asset during the period 10/1/99 to date?  1 Yes 2 No	How many of this asset were repaired?	How much money was spent repairing this asset? (Kw)
						for cash (number)	for kind (number)	in cash (Kw)	in kind (Kw)			
ASSET	AST1	AST2	AST3	AST4	AST5	AST6A	AST6B	AST7A	AST7B	AST10	AST11	AST12
1 Ploughs												
2 Harrows												
3 Ox-carts												

Type of asset	Did you sell or barter any of this asset during the period 10/1/99 to date?  1 Yes 2 No	How much money did you realize from the cash/barter sale of this asset?		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:.....)
		in cash (Kw)	in kind (Kw)	
ASSET	AST13	AST14A	AST14B	AST15
1 Ploughs				
2 Harrows				
3 Ox-carts				

**END OF TABLES**