



Strictly Confidential

**REPUBLIC OF ZAMBIA
Central Statistical Office
Supplemental Survey to the 1999/2000 Post Harvest Survey
(for small and medium scale holdings)**

Informed Consent Form for Food Security Cooperative Agreement Surveys in Africa

This survey is part of a team effort at the Central Statistical Office aimed at studying options to improve crop production and marketing, and food consumption among small farmers. Your help in answering these questions is very much appreciated. Your responses will be kept COMPLETELY CONFIDENTIAL to the maximum extent allowable by law. The interview will take about 50 minutes to complete. If you choose to participate, you may refuse to answer certain questions, or you may stop participating at any time. Your responses will be summed together with those of roughly 7,000 other households in Zambia and general averages from analysis will be reported. You indicate your voluntary consent by participating in this interview: may we begin? If you have questions about this survey, you may contact the Director, CSO headquarters in Lusaka. If you have any questions for Michigan State University about this survey, you may contact Dr. David E. Wright at 517 355 2128.

1.	Province	PROV	<input style="width:90%;" type="text"/>
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2.	District	DIST	<input style="width:90%;" type="text"/>
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3.	CSA Number	CSA	<input style="width:90%;" type="text"/>
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4.	SEA Number	SEA	<input style="width:90%;" type="text"/>
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5.	Household Serial Number	HH	<input style="width:90%;" type="text"/>
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6.	Village / Locality	VIL	<input style="width:98%;" type="text"/>
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7.	Name of Household Head	<input style="width:98%;" type="text"/>
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8.	Age and Sex of the Household Head	AGE	<input style="width:90%;" type="text"/>	SEX (1=Male, 2=Female)	<input style="width:90%;" type="text"/>
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9.	Category	CATEGORY (1=A: Small, 2= B: Medium)	<input style="width:90%;" type="text"/>
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Enumerator: Please ask if this household was interviewed by CSO in August/September 2000. If possible, interview the same main respondent who participated in that survey. Complete 12 and 13 after Interview.

10.	Name of current main Respondent	<input style="width:98%;" type="text"/>
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11.	Is this person, the same main respondent who participated in the August/September 2000 survey?	SAME(1=Yes, 2=No)	<input style="width:90%;" type="text"/>
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12.	RESPONSE STATUS 1=Complete 3=Moved out of SEA 5=Non-Contact 2=Refusal 4=Household dissolved	RESPONSE	<input style="width:90%;" type="text"/>
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13.	ASSIGNMENT RECORD				
a.	Name of Enumerator	<input style="width:90%;" type="text"/>	ENCODE <input style="width:90%;" type="text"/>	Date completed	<input style="width:90%;" type="text"/>
b.	Name of Supervisor	<input style="width:90%;" type="text"/>	SPCODE <input style="width:90%;" type="text"/>	Date checked	<input style="width:90%;" type="text"/>

SECTION 1: DEMOGRAPHICS

1.1. Children below 12 years old (born after 1988)

In the 1999/2000 PHS, you or one of your household members told us that you had

PHS01	
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boys aged 11 and under in this household.

1.1.1. How many boys (aged 11 and under) do you have now?	HH01	
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In the 1999/2000 PHS, you or one of your household members told us that you had

PHS02	
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girls aged 11 and under in this household.

1.1.2. How many girls (aged 11 and under) do you have now?	HH02	
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1.1.3. How many of these children are under age 5?	HH03	
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1.1.4. How many of these children (boys and girls aged 11 and under) have been chronically ill for at least the past 3 months?	HH04	
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1.2. Adults born before 1989

1.2.1. In the 1999/2000 PHS, you or one of your family members told us that you had

PHS03

 male adults and

PHS04

 female adults.

Please tell us their names. If you have new members, could you also tell us names of those new members. Now, could you tell us about each of them.

Key variables: PROV, DIST, CSA, SEA, HH, MEM

Reference Period: The Last 12 Months

ID	Name (Start with head of household)	Was this person considered as a member of the household in the last survey? 1=Yes 2=No	Is this person still a member of this household? 1=Yes ----> go to D04 2=No	If this person is not a member of this household anymore (D02=2), why? See code below (If D03=4, go to D10.)	In which year was this person born? Note: it should be earlier than 1989	Sex 1= male 2= female	Relation-ship to head See code below	Marital Status 1=single 2=monogamously married 3=polygamously married 4=divorced 5=widowed 6=separated 7=other	How many months in the past 12 months has this person stayed away from this household?	Education What is the highest level of education completed? See code sheet	Did this person receive any cash or income in kind from salaried employment or wage activities in the past 12 months? 1=Yes 2=No	Did this person receive cash from a formal or informal business activity over the past 12 months? 1=Yes 2=No
MEM	Name	D01	D02	D03	D04	D05	D06	D07	D08	D09	D10	D11
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Reasons for absent (D03)

- 1=left to find a job
- 2=separated
- 3=married away
- 4=deceased
- 5=divorced
- 6=living with relatives

7=others (specify)

Relationship to head (D06)

- 1=head
- 2=spouse
- 3=own son/daughter
- 4=step son/daughter
- 5=parent
- 6=brother/sister
- 7=nephew/niece
- 8=son/daughter-in-law
- 9=grandchild
- 10=other relative
- 11=unrelated

1.2.2. How many of the current adult members that you identified in the previous table have been chronically ill for at least the past 3 months?	HH05	
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SECTION 2: PREVIOUS DEATHS WITHIN THE HOUSEHOLD (Since 1996)

2.1. Since 1996, has there been any child or adult who died in this household? **1=Yes** **2=No -----> Go to Section 3**

HH06	
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If **2.1 =Yes**, could you tell us about them starting from the most recent.

Key variables: PROV, DIST, CSA, SEA, HH, PDMEM

Reference Period: Since 1996

Person ID	If this person is listed in the previous table, indicate his or her id number (MEM).	Write the Name	In which year did this person die? Example: 1997	In which year was this person born?	Sex 1=Male 2=Female	Relationship to head see code below	What was the cause? 1=Disease 2=Accident 3=Suicide 4=Murdered 5=Other (specify)
PDMEM	MEM	Name	PD01	PD02	PD03	PD04	PD05
1							
2							
3							
4							
5							
6							

Relationship to head (PD04)

- | | | | |
|--------------------|---------------------|-----------------------|-------------------|
| 1=head | 4=step son/daughter | 7=nephew/niece | 10=other relative |
| 2=spouse | 5=parent | 8=son/daughter-in-law | 11=unrelated |
| 3=own son/daughter | 6=brother/sister | 9=grandchild | |

SECTION 3: OFF-FARM INCOME AND REMITTANCES (The Last 12 Months)

3.1. We would like to talk about all household members who have earned income from **SALARIED EMPLOYMENT OR INFORMAL WAGE LABOUR ACTIVITIES** over the past 12 months. These activities include all formal salaried employment and all casual labour for which members were paid cash or an in-kind wage, including agricultural and non-agricultural labour. Include also the value of any pensions received in the past 12 months.

Key Variables: PROV, DIST, CSA, SEA, HH, MEM, WACT

Reference Period: The Last 12 Months

MEM	Name	WACT	W01	W02	W03	W04	W05	W06	W07	W08	W09	W10	W11	W12	W13	W14	W15

Activity place (W01)

1=within village
2=within district (rural)

3=within district BOMA
4=other district (rural)

5=other district BOMA/town
6=another country

3.3. Remittances

3.3.1. Over the past 12 months, did this household *send* cash or goods to any non-household member?

1=Yes 2=No

HH07	
HH08	

3.3.2. Over the past 12 months, did this household *receive* any cash or goods from any non-household member?

1=Yes 2=No

If the household neither sent nor received any cash or goods from a non-household member, ie., 3.3.1 = “No” and 3.3.2 = “No”, go to Section 4.

3.3.3. We would like to know the **TOTAL VALUE** of what was sent/received as cash or goods over the past 12 months.

Key Variables: *PROV, DIST, CSA, SEA, HH, RMEM*

Reference Period: *The Last 12 Months*

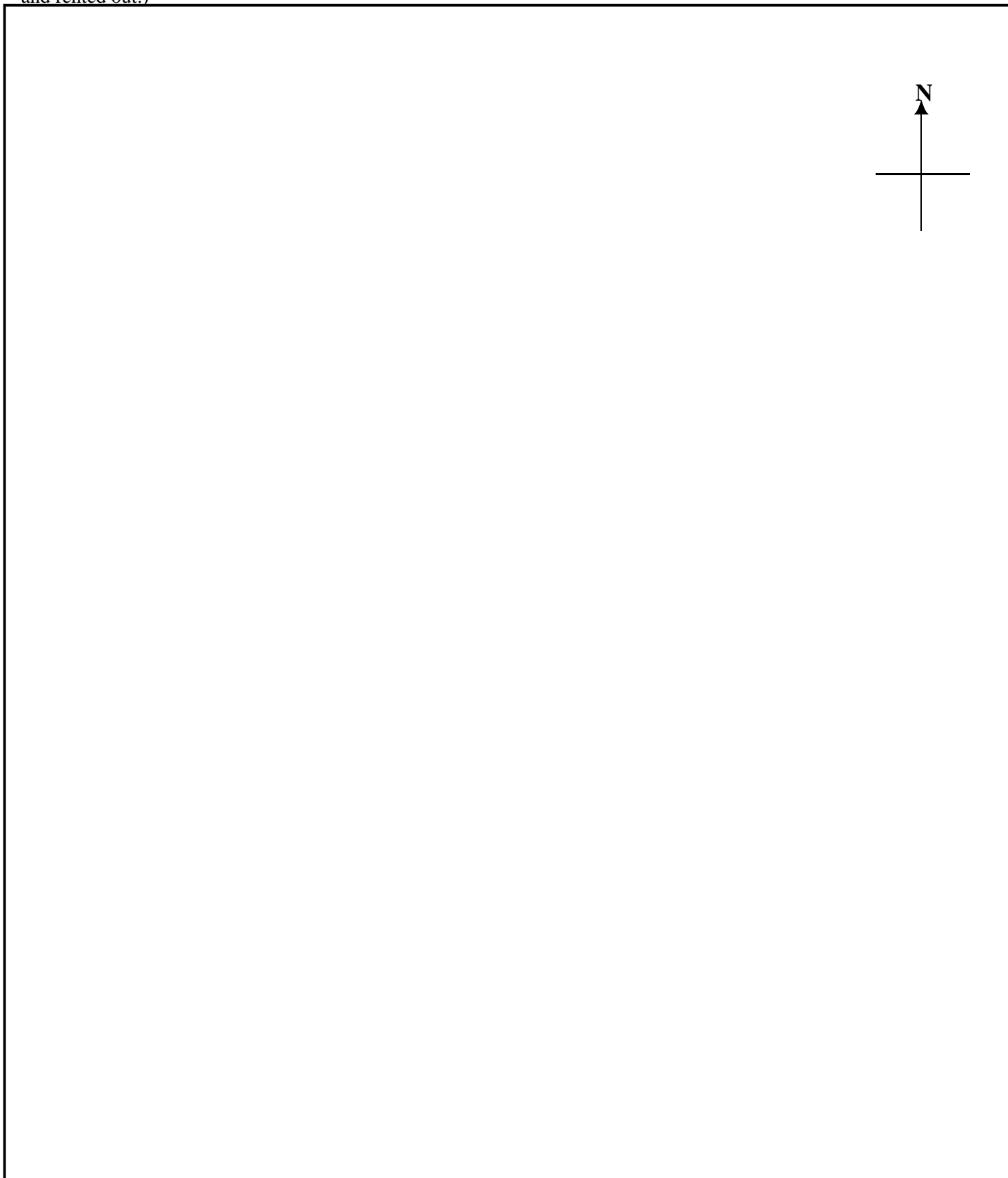
ID	Non-household member Sending or Receiving Cash or goods	Relation to head (See code below)	Where does this person reside? 1=within village 2=within district rural 3=within district BOMA 4=other district rural 5=other district BOMA/town 6=another country	Value of cash or goods <i>sent</i> to non- household member over the past 12 months	Value of cash and goods <i>received</i> from non-household members over the past 12 months
				Kwacha	Kwacha
RMEM	NAME	R01	R02	R03	R04
1					
2					
3					
4					
5					
6					
7					
8					

Relationship to head (R01)

1=head	4=step son/daughter	7=nephew/niece	10=other relative
2=spouse	5=parent	8=son/daughter-in-law	11=unrelated
3=own son/daughter	6=brother/sister	9=grandchild	

SECTION 4: FARM LAND AND USE

4.1. Sketch ALL fields or plots that were owned, borrowed, and rented-in/out by the household during the 1999/2000 agricultural season. (Include land cultivated, under fallow, virgin, orchard, garden and all other land owned, borrowed and rented out.)



A large empty rectangular box for sketching fields or plots, with a north arrow in the top right corner.

4.2. According to the sketch, you indicated that you had _____ fields in the previous crop season. Please tell us about each of those fields.

Enumerator: Ask the respondent to give you the details about each of all those fields.

Key variables: PROV, DIST, CSA, SEA, HH, FIELD

Reference Period: The Last Agricultural Season (1999/2000 season)

Field ID	Use 1=crop land 2=garden 3=fallow 4=rented-out 5=virgin land 6=orchard 7=other (specify)	Area of Field		Tenure Status 1=own with deed 2=own without deed 3=rented-in 4=borrowed-in 5=other	Can this household sell this field if it wanted to? 1=Yes only with approvals* 2=Yes, no need for approvals 3=No	How did this household acquire this field? 1=purchased 2=inherited 3=allocated/given 4=rented/borrowed 5=just walked in 6=other	From whom did this household obtain this field? See code below	In which year did this household first acquire this field? Please indicate year, e.g. 1975.	If this field was rented-out (F01=4) or rented-in (F04=3), how much did you receive or pay? Please convert into Kwacha if the payment was in-kind.
		Area	Unit 1=limas 2=acres 3=hectares 4=metres square						
FIELD	F01	F02	F03	F04	F05	F06	F07	F08	F09
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

* From local authorities, such as village chiefs/headmen and local government authorities.

Acquired from (F07)

- 1=the current headman
- 2=previous headman
- 3=the current chief

- 4=previous chief
- 5=local govt. authorities
- 6=spouse

- 7=husband's parents
- 8=wife's parents
- 9=husband's other relatives

- 10=wife's other relatives
- 11=private people
- 12=free access/self given

- 13=central govt -Ministry of Lands, Agric, Office of the vice president (OVP)
- 14=chairman
- 15=private company
- 16=other

<p>4.3. <i>Enumerator: Refer back to the sketch and F01 in the previous table and check for fallow fields – if some of the hh’s fields are in fallow, then ask this question; otherwise, go to Q4.4</i> You indicated that some of your land was in fallow in 1999/2000. What was the main reason you did not cultivate these fields?</p> <p><i>Enumerator: Please note that fallow includes “abandoned” fields</i></p> <p>1=need to rest the soil 4=inadequate seed and fertilizer 7=other 2=not enough labor 5=inadequate implements and draught power 3=land not productive 6=other use of labor more important</p>	<p>HH09</p>	
<p>4.4. In your perception, do village authorities still have unallocated arable land that could be allocated to households within this village? 1= Yes 2= No ----> go to Q4.6.</p>	<p>HH10</p>	
<p>4.5. If you wanted it, could some of this unallocated land be allocated to this household for cropping purposes? 1= Yes 2= No</p>	<p>HH11</p>	
<p>4.6. Is it possible for a household to rent or borrow more land within this village? 1= Yes 2= No ----> go to Q4.9.</p>	<p>HH12</p>	
<p>4.7. (Ask 4.7 if Q4.5=Yes and Q4.6 =Yes, otherwise go to Q4.9.) If the household had used all its current land and wanted to cultivate some additional land above what the household already has, which do you think is easier to do? 1= seek unallocated land ----> go to Q4.9. 2=rent land 3= borrow land</p>	<p>HH13</p>	
<p>4.8. Why would you opt to rent or borrow? 1= costly to clear the uncleared land 2= difficult to have rights to use the land 3=cheap to rent land 4=other</p>	<p>HH14</p>	

4.9. Has land been forcefully taken away from this household in the last 10 years? 1= Yes 2= No	HH15	
4.10. In the year that you were originally allocated land, was the head of the household closely related to the person who was headman at that time? 1= Yes 2= No 3= Not Applicable (e.g., headman did not exist)	HH16	
4.11. In the year that you were originally allocated land, was the spouse of the household closely related to the person who was headman at that time? 1= Yes 2= No 3= Not Applicable (e.g., headman did not exist)	HH17	
4.12. What is your ethnic group? (See code sheet)	HH18	
4.13. What is the ethnic group of your spouse? (See code sheet)	HH19	

SECTION 5 : CROP STOCKS AND SALES (Since The Last Harvest)

5.1. Please tell us the crops (except cassava, vegetables, fruits, and green maize) that you sold from last year's harvest (2000 harvest)

Key Variables: PROV, DIST, CSA, SEA, HH, CROP

Reference Period: Since The Last Harvest (2000 Harvest)

Crop code	List all crops harvested last season (2000) according to 99/00 PHS	Quantity harvested in 2000, according to 99/00 PHS	Units specified for harvest see unit codes below	Do you still have this crop in storage from last harvest? 1=Yes 2=No ----> go to S06	How much do you have in storage now?		Did you sell or exchange any of this crop? 1=Yes 2=No---> go to next crop	How much of this crop did you:				Price received for the largest quantity sold for cash	
					Quantity	Unit see unit code below		Sell for cash		Bartered			
								Quantity	Unit see unit code below	Quantity	Unit see unit code below	Kwacha (Price per unit)	Unit see unit code below
CROP	CRNAME	S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12

Unit Codes (S02, S05, S08, S10, and S12)

- | | | | |
|------------|-----------------------|---------------|-----------|
| 1=90kg bag | 6=90kg bag unshelled | 11=5lt gallon | 16=crates |
| 2=50kg bag | 7=50kg bag unshelled | 12=MEDA | 17=tonnes |
| 3=25kg bag | 8=25kg bag unshelled | 13=bunches | 18=boxes |
| 4=10kg bag | 9=10 kg bag unshelled | 14=MUCHUMBU | 19=number |
| 5=20lt tin | 10=20lt tin unshelled | 15=ka B.P. | 20=kg |

5.3. Cassava Production

You told us during the 1999/2000 Survey that you had

PHS05	
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ha of land under mature cassava.

5.3.1. What quantity of raw cassava, did you harvest during the last agricultural season (October of 1999 to September of 2000)? (Record quantity harvested in 90kg bag units)	HH20	
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5.3.2. Out of that harvest, how much cassava did you sell? (Record quantity harvested in 90kg bag units)	HH21	
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Now we would like to ask you about cassava production since September 2000.

5.3.3. What is the area you <u>newly</u> planted to cassava since September 2000? (Record area in hectares)	HH22	
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5.3.4. What quantity of raw cassava have you harvested since September 2000? (Record quantity harvested in 90kg bag units)	HH23	
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5.3.5. Out of that harvest, how much cassava did you sell? (Record quantity harvested in 90kg bag units)	HH24	
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SECTION 6: CROP PURCHASES (Since The Last Harvest)

6.1. Please tell us the crops that you purchased or bartered into your possession for your home consumption since the last harvest (**2000 harvest**)

Key Variables: PROV, DIST, CSA, SEA, HH, PURCH

Reference Period: Since The Last Harvest (2000 Harvest)

Product purchased/ bartered in Enumerator: Ask specifically about each product	Between last year's harvest and now, have you purchased/bartered this product for home consumption? 1=Yes 2=No ----> go to next product	Counting both cash purchases and barter, how much of this product did you buy between last year's maize harvest and Christmas?		Counting both cash purchases and barter, how much of this product did you buy between Christmas and now?		What was the price per unit when you purchased this product last time?	
		Quantity	Unit see code below	Quantity	Unit see code below	Price	Unit see code below
PURCH	P01	P02	P03	P04	P05	P06	P07
1= maize grain							
2=packaged roller meal							
3= packaged breakfast meal							
4=maize meal from grinding mill							
5=millet							
6=sorghum							
7=rice							
8=sweet potatoes							
9=raw cassava							
10=cassava chips							
11=cassava flour							

Unit Codes (P03, P05, P07)

- | | | | |
|------------|-----------------------|---------------|-----------|
| 1=90kg bag | 6=90kg bag unshelled | 11=5lt gallon | 16=crates |
| 2=50kg bag | 7=50kg bag unshelled | 12=MEDA | 17=tonnes |
| 3=25kg bag | 8=25kg bag unshelled | 13=bunches | 18=boxes |
| 4=10kg bag | 9=10 kg bag unshelled | 14=MUCHUMBU | 19=number |
| 5=20lt tin | 10=20lt tin unshelled | 15=ka B.P. | 20=kg |

SECTION 7: SERVICE PROVISION (The 1999/2000 Agricultural Season)

7.1. Please tell us about the services you received from organisations/private agents during the 1999/2000 agricultural season.

Key Variables: PROV, DIST, CSA, SEA, HH, SERVICE

Reference Period: During The Last Agricultural Season (1999/2000 Season)

Service		Did you? 1 = Yes 2 = No----> go to next service	Who was the <u>most</u> important supplier or organizer of this service? (See code sheet)	Who was the <u>second</u> most important supplier or organizer of this service? (See code sheet)
	SRCODE	SR01	SR02	SR03
Did this household receive cash credit for purchase of inputs or farm implements?	1			
Did this household receive credit in kind for inputs or farm implements?	2			
Did this household receive advice on how to run farm operations as a business?	3			
Did this household receive any advice on improved/recommended cropping practices?	4			
Did this household use transportation service for transporting inputs or farm products?	5			
Did anyone assist in linking this household with a buyer of your crops?	6			
Did this household receive information on commodity prices?	7			
Did this household buy inputs as part of a group of farmers?	8			
Is this household part of savings facility ?	9			
Was this household part of a labor pool?	10			
Did any member of the household obtain training on organizational and leadership skills?	11			

SECTION 8: SOIL CONSERVATION FARMING (The 1999/2000 and 2000/2001 Agricultural Season)

8.1. Please tell us if you have used any of the practices below in any of your cropping fields during the last two seasons.

Key Variables: PROV, DIST, CSA, SEA, HH, SCPRAC

Reference Period: The Last and Present Agricultural Season (1999/2000 and 2000/2001 Season)

Practices		Did you practice this in 1999/2000	Did you practice this in 2000/2001	From whom did you learn about this practice?	Do you feel that this practice is worthwhile?
Name	Code	1=Yes 2=No	1=Yes 2=No If SC01=2 and SC02=2 skip to next practice	See Codes Below	1=Yes 2=No
	SCPRAC	SC01	SC02	SC03	SC04
Mixing of two or more crops in one field	1				
Improved fallow	2				
Pot holing / Planting holes	3				
Crop rotation	4				
Leaving crop residues (except for cotton & tobacco)	5				
Other minimum tillage techniques (Specify)	6				

Information Source Codes (SC03)

- | | | | |
|-------------------------|------------------------------|--------------------|--------------------------|
| 1= CLUSA | 4= Other farmer organization | 7= DAPP | 10= Omnia |
| 2= MAFF extension agent | 5= Neighbor/Other farmer | 8= LONRHO/Dunavant | 11= traditional practice |
| 3= Other NGO | 6= Radio/TV | 9= Clark Cotton | 12=other (specify) |

SECTION 9: COTTON PRODUCER'S RELATIONSHIP WITH GINNING FIRMS (Since The 1997/98 Agricultural Season)

9.1. When was the FIRST YEAR that anyone in your household grew cotton? e.g. 1994

9.2. Has anyone in your household ever grown cotton during the past 4 years (since 1997/98)? **1=Yes 2=No ----> go to Section 10**

HH25	
HH26	

9.3. We would like to ask you about your experience with cotton over the past four years, starting with the present cropping season (2000/01)

Enumerator: Ask the following cotton questions to the most prominent cotton producer available in the household.

Key Variables: PROV, DIST, CSA, SEA, HH, YEAR

Reference Period: Since The 1997/98 Agricultural Season

Agricultural season	Did you grow cotton in agricultural season? 1=Yes----> go to CT3a 2=No	What was the most important reason for not growing cotton? 1=lack of labour 2=low price 3=poor yields 4=poor input delivery by co. 5=other crop more profitable 6=other (specify) ----> go to next year	What area of cotton did you plant?		Which company were you registered with in that agricultural season? 1=Lonrho/Dunavant 2=Clark Cotton 3=Amaka 4=Mulungushi Textiles 5=Northern Growers 6=Dealers/Agents 7=Not Registered 8=Other	From whom did you obtain the following inputs for cotton during that agricultural season? 1=From company registered with or its agent on CREDIT 2=From company registered with or its agent paying CASH 3=From a different company on CREDIT 4=From a different company paying on CASH 5=From input dealer on credit 6=From input dealer paying cash 7=From other source 8=I did not use this input 9=free				(Ask if CT4 is not equal to 7) Were you satisfied with the quality of service you received from the company you were registered with? 1 = Yes 2 = No	To whom did you sell your cotton? 1=sold all to the company I was registered with 2=sold some to company, some to other buyers 3=sold all to other buyers 4= no sales
			Area	Unit 1=limas 2=acres 3=hectares 4=metres square		Seed	Fertilizer	Pesticide	Bags		
YEAR	CT1	CT2	CT3a	CT3b	CT4	CT5a	CT5b	CT5c	CT5d	CT6	CT7
'00/01											
'99/00											
'98/99											
'97/98											

If respondent received inputs on credit (i.e., CT5a,b,c,d = 1, 3, OR 5) this agricultural season (2000/01), ask Q9.4. through Q9.8. If not, skip to Q9.9.

9.4.	At the time that you acquired the inputs on loan, were you told the PRICE you would be charged for the inputs? 1=Yes 2=No	HH27	
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9.5.	Do you know how much you owe the company that gave you a loan? 1=Yes 2=No	HH28	
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9.6.	At the time you acquired the cotton inputs loan, were you told HOW THIS LOAN WAS TO BE REPAID? 1=Yes 2=No	HH29	
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9.7.	Did you understand how the cotton inputs loan was to be re-paid? 1=Yes 2=No	HH30	
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9.8.	Are you aware of the price that the cotton company/agent will offer you for the seed cotton this year? 1=Yes 2=No	HH31	
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9.9.	Have any of the following ever explained to you how to USE pesticides? 1=Yes 2=No		
9.9a	Cotton company/Dealer	HH32	
9.9b	MAFF Extension service	HH33	
9.9c	Fellow farmers	HH34	

9.10.	Have any of the following ever explained to you how to avoid HEALTH RISKS from pesticides? 1=Yes 2=No		
9.10a	Cotton company/Dealer	HH35	
9.10b	MAFF Extension service	HH36	
9.10c	Fellow farmers	HH37	

9.11.	Do you believe it is beneficial to apply fertilizer to cotton? 1=Yes 2=No 3=Not Sure	HH38	
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SECTION 10: FERTILISER ACQUISITION (The 1999/2000 Agricultural SEASON) — If the household did not use any fertiliser, go to Section 11.

You told us during the 1999/2000 Survey that you used

PHS06	
PHS08	

kg of basal dressing purchased from

PHS07	
PHS09	

and

kg of top dressing purchased from

10.1. Enumerator: Now ask the following questions.

Key Variables: PROV, DIST, CSA, SEA, HH, FERT

Reference Period: The Last Agricultural Season (1999/2000 Season)

Transaction Channels	Did you use this fertiliser transaction channel? 1= Yes 2= No ----> go to next channel	Where did the household collect its fertiliser from? 1=within village 2=another village 3=at Boma 4=other location within district 5=outside district 6=delivered at home	How many kilometers is the point of collection from the homestead Enter distance in kms	How much did it cost you per 50kg bag to bring fertiliser to your homestead? Kwacha	How many bags of fertiliser did the household acquire?				Was fertiliser from this channel available at the time you needed it?		
					Basal dressing		Top Dressing		Basal	Top	
					Quantity	Unit 1=kg 2=50kg bag	Quantity	Unit 1=kg 2=50kg bag	1=Yes 2=No	1=Yes 2=No	
	FERT	FR01	FR02	FR03	FR04	FR05	FR06	FR07	FR08	FR09	FR10
FRA Loan	1										
Other Loans	2										
Direct exchange /barter	3										
Cash Purchases	4										
Gift	5										

10.2. Enumerator: Ask this question on the largest fertiliser acquisition according to FR05, 06, 07, and 08

What types of transportation were used to deliver the largest acquisition of fertilizer to your homestead?

- 1= Headload 4= Oxcart 7= Truck 10= Not applicable
 2= Bicycle 5= Car 8= Bus
 3= Wheelbarrow 6= Motorcycle 9= Other (specify)

Types of transportation

1	HH39	
2	HH40	
3	HH41	

SECTION 11: MILK AND EGG PRODUCTION AND SALES (In The Last 12 Months)

11.1. Did this household produce any milk during the last 12 months? **1=Yes 2=No ----> go to Q11.2.**

HH42	
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Key Variables: PROV, DIST, CSA, SEA, HH, LV

Reference Period: The Last 12 Months

	How many months in the last 12 months did you produce or sell this product?	Quantity produced and sold in each month												What was the last price you received? Zkw/litre or Zkw/egg	
		2000 Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2001 Jan	Feb	Mar		
	LV	LV01	LV02	LV03	LV04	LV05	LV06	LV07	LV08	LV09	LV10	LV10	LV11	LV12	LV13
How many litres of milk did you produce?	1														
How many litres of fresh milk did you sell?	2														
How many litres of sour milk did you sell?	3														

11.2. Did this household produce any eggs during the last 12 months? **1=Yes 2=No ----> go to Section 12**

HH43	
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How many eggs did you produce?	4														
How many eggs did you sell?	5														

SECTION 12: GENERAL INFORMATION

12.1. Do you own any of the following? **1=YES** **2=NO**

A bicycle

A radio

A motorbike

A canoe

Television Set (TV)

Car

Truck / pick up / van

Grinding mill

Water pump

Protected Well

HH44	
HH45	
HH46	
HH47	
HH48	
HH49	
HH50	
HH51	
HH52	
HH53	

ENUMERATOR: Check the main house of this household and indicate the following : Please ask if you cannot see-Otherwise do not ask and proceed to indicate your observations.

12.3. Roofing Material 1=iron/metal 2=asbestos 3=tiles 4=corrugated iron sheets 5=grass/straw 6=other

HH54	
HH55	

12.4. Wall Material 1=burnt brick 2=concrete blocks 3=mudbrick 4=pole/bamboo 5=pole & dagga
6= mud (mudhindo) 7=grass/straw 8=iron sheets 9= hard board

12.5. Door Material 1=standard door frame with door 2=traditional

HH56	
HH57	

12.6. Floor Material 1=cement floor 2=concrete 3=mud 4=bare earth 5=other

Comments / Calculations

SECTION 13: CROP FORECASTING (The 2000/01 Agricultural Season)

13.1. Have you grown any crops this year

1 = Yes 2 = No -----> go to 13.3

HH58	
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13.2. We now would like to talk about the crops the household grew this season.

Key Variables: PROV, DIST, CSA, SEA, HH, CROP

Reference Period: The Present Agricultural Season (2000/01 Season)

Crop	CROP CODE	Have you grown this crop? 1=Yes 2=No	What area was planted?		What area will be harvested?		What quantity do you expect to produce?		What quantities do you expect to sell?		What quantity of fertilizer was applied?	
			Area	Unit 1=limas 2=acres 3=hectares 4=metres square	Area	Unit 1=limas 2=acres 3=hectares 4=metres square	Quantity	Unit see code below	Quantity	Unit see code below	Quantity	Unit 1=kg 2=50kg bag
CROP	CFCODE	CF01	CF02	CF03	CF04	CF05	CF06	CF07	CF08	CF09	CF10	CF11
Maize	1											
Sorghum	2											
Rice	3											
Millet	4											
Sunflower	5											
Groundnuts	6											
Soybeans	7											
Seed cotton	8											
Irish Potato	9											
Virginia tobacco	10											
Burley tobacco	11											
Mixed beans	12											
Cowpeas	14											
Sweet potatoes	17											

Unit Codes (CF07, CF09)

- | | | | | | | |
|------------|----------------------|-----------------------|-----------------------|-------------|-----------|-----------|
| 1=90kg bag | 4=10kg bag | 7=50kg bag unshelled | 10=20lt tin unshelled | 13=bunches | 16=crates | 19=number |
| 2=50kg bag | 5=20lt tin | 8=25kg bag unshelled | 11=5lt gallon | 14=MUCHUMBU | 17=tonnes | 20=kg |
| 3=25kg bag | 6=90kg bag unshelled | 9=10 kg bag unshelled | 12=MEDA | 15=ka B.P. | 18=boxes | |

13.3. Cassava Forecast

13.3.1. Do you have any land under cassava currently	1 = Yes 2 = No -----> go to Section 14	HH59	
13.3.2. What is the total area under cassava (record the response in hectares)		HH60	
13.3.3. What is the total area under mature cassava (record the response in hectares)		HH61	

SECTION 14: HIV/AIDS AWARENESS

Enumerator: Please read the following message to the respondent.

I would like to leave information on HIV/AIDS for your reading.
It explains how HIV/AIDS is transmitted, how it affects the community,
and how it can be avoided.

If you have any questions, please do not hesitate to ask your health care provider.

Thank you very much for participating in this interview. We appreciate your time and effort.

CODE SHEET

Crop Codes	Unit Codes	Education Levels (D09)	Salaried Employment or Informal Wage Labour Activities (WACT)	Formal or Informal Business Activities (BACT)	Service Providers (SR02, SR03)	Ethnic Group Codes (HH19, HH20)	
<p>CROP 1=Maize 2=Sorghum 3=Rice 4=Millet 5=Sunflower 6=Groundnuts 7=Soybeans 8=Seed cotton 9=Irish potato 10=Virginia tobacco 11=Burley tobacco 12=Mixed beans 14=Cowpeas 15=Velvet Beans 16=Coffee 17=Sweet potatoes 18=Cassava 19=Kenaf 20=Cashew nut 21=Other crops FRUIT 22=Tangerines 23=Grape Fruit 24=Bananas 25=Pineapple 26=Guavas 27=Paw Paws 28=Avacado 29=Water Melon 30=Mangoes 31=Other Fruit VEGETABLE 32=Cabbage 33=Rape 34=Spinach 35=Tomato</p>	<p>1=90kg bag 2=50kg bag 3=25kg bag 4=10kg bag 5=20lt tin 6=90kg bag unshelled 7=50kg bag unshelled 8=25kg bag unshelled 9=10kg bag unshelled 10=20lt tin unshelled 11=5lt gallon 12=MEDA 13=bunches 14=Muchumbu 15=ka B.P 16=crates 17=tonnes 18=boxes 19=number 20=kg</p> <p style="text-align: center;">Continued...</p> <p>36=Onion 37=Okra 38=Eggplant 39=Pumpkin 40=Chilies 41=Chomoli 42=Cauliflower 43=Carrots 44=Lettuce 45=Green beans 46=Green maize 47=other vegetables</p>	<p>0=None 1=Sub-standard A; Grade 1 1=Sub-standard B; Grade 1 2=Standard 1; Grade 2 3=Standard 2; Grade 3 4=Standard 3; Grade 4 5=Standard 4; Grade 5 6=Standard 5; Grade 6 7=Standard 6; Grade 7 8=Form 1; Grade 8 9=Form 2; Grade 9 10=Form 3; Grade 10 11= Form 4; Grade 11 12=Form 5; Grade 12 13=Form 6 Lower 14=Form 6 Upper 15=College Student 16=University Undergraduate Student 17=Tertiary Certificate; Diploma 18=Bachelors Degree 19=Masters Degree and Above.</p>	<p>1=on smallholder farm 2=on commercial farm 3=in factory 4=in a mine 5=other industrial work 6=teacher 7=other civil servant 8=clerk 9=shop attendant 10=non agriculture piece work 11=other</p>	<p>1=agricultural trading 2=livestock trading 3=retailer/shop owner 4=marketer/hawker/vendor 5=firewood/charcoal production 6=carpentry 7=builder 8=local brewing 9=butchery(all meats including game, cooked or uncooked) 10=ag services (e.g., ploughing, planting, spraying) 11=milling 12=oil procession 13=agro-processing 14=tailor 15=bicycle repair 16=weaving 17=blacksmithing 18=traditional doctor 19=fishing and selling 20=precious stone mining (small scale) 21=other</p>	<p>MAFF 1=MAFF Extension 2=Rural Investment Fund(RIF) 3=SCAFE 4=Other MAFF Agents 5=FRA cooperative</p> <p>PRIVATE FIRMS 6=Lonhro/Dunavant 7=Clark Cotton 8=Amaka 9=Other Outgrowers 10=Private Dealers/Transporters/Traders 11=Commercial banks</p> <p>NGO'S 12=CLUSA Group 13=ZNFU 14=CARE 15=World Vision 16=Economic Expansion in Outlying Areas 17=Church based Group 18=HODI 19=ICAZ (Institute of Cultural Affairs of Zambia) 20=other NGO's 21=locally organized group 22=self 23=not applicable</p>	<p>1=Bemba 2=Lunda 3=Lala 4=Bisa 5=Ushi 6=Chishinga 7=Ngumbo 8=Lamba 9=Kabende 10=Tabwa 11=Swaka 12=Mukulu 13=Ambo 14=Lima 15=Shila 16=Unga 17=Bwile 18=Luano 19=Tonga 20=Lenje 21=Soli 22=Ila 23=Tokaleya 24=Sala 25=Gowa 26=Luvale 27=Lunda 28=Mbunda 29=Luchazu 30=Ndembu 31=Mbowe 32=Chokwe</p>	<p>33=Kaonde 34=Luyana 35=Kwangwa 36=Kwandi 37=Koma 38=Nyengo 39=Simaa 40=Mwenyi 41=Imilangu 42=Mashi 43=Lozi 44=Totela 45=Subiya 46=Nkoya 47=Mashasha 48=Chewa 49=Nsenga 50=Ngoni 51=Nyanja 52=Kunda 53=Chikunda 54=Lungu 55=Mambwe 56=Namwanga 57=Wina 58=Tambo 59=Tumbuka 60=Senga 61=Yombe 62=Shona 63=Kaonde-Ila 64=Other</p>