



NAME OF FARMER	ID CODE OF FARMER	REGION	DISTRICT	VILLAGE	INTERVIEWER	DATA ENTRY OPERATOR



# **COCOA FARMERS' QUESTIONNAIRE**

## **SURVEY ON PRODUCTION, SALES AND MARKETING ARRANGEMENTS**

**GHANA**

***JULY ~ SEPTEMBER 2002***



**CENTRE FOR THE STUDY OF AFRICAN ECONOMIES, OXFORD UNIVERSITY**  
**AND**  
**UK DEPARTMENT FOR INTERNATIONAL DEVELOPMENT**

## **SURVEY LOCATIONS:**

- ☐ **ASHANTI**
- ☐ **BRONG AHAFO**
- ☐ **WESTERN**

## **Content of Questionnaire:**

**Section 0: SURVEY INFORMATION**

**Section 1: HOUSEHOLD ROSTER**

**Section 2: GETTING TO KNOW THE FARMER**

**Section 3: FARM DETAILS**

**Section 4: LABOUR AND NON-LABOUR INPUTS**

**Section 5: SALES OF OUTPUT**

**Section 6: ACCESS TO CREDIT, TRANSFERS AND ASSETS HOLDINGS**

**Section 7: RESPONSES TO UNEXPECTED EVENTS AND INVESTMENT CHOICES**

**Section 8: MARKETING CONDITIONS AND FARMERS' PERCEPTION OF MARKET LIBERALISATION**

**Section 9: POVERTY PREDICTORS**

**INTERVIEWER:** Briefly describe the location of the interview, how you reached it, if there is any visible landmark that can be used as a reference point to find the farmer again in future visits.

If you can, draw a simple but clear map for directions.

**Section 0. SURVEY INFORMATION**

Name of enumerator:.....

Date of Interview \_\_ / \_\_ / \_\_

Name of supervisor:.....

(dd / mm / year)

Survey Location (ENTER CODE AND DESCRIPTION):

Region  ..... Starting time .....

District  ..... Ending time .....

Village  .....

NAME OF FARMER:.....

FARMER'S NUMBER

Language used for interview:

**Codes for Regions:**

1. Ashanti
2. Brong Ahafo
3. Western

**Codes for Languages:**

- |            |               |                |
|------------|---------------|----------------|
| 1. English | 4. Ga-Adangbe | 7. Nzema       |
| 2. Akan    | 5. Dagbani    | 8. Other _____ |
| 3. Ewe     | 6. Hausa      | (Specify)      |

**Section 1. HOUSEHOLD ROSTER**

NAME	1. ID	2. Relationship to head of Household	3. Sex  M.....1 F.....0	4. How old is.....?  (years)	5. HH member?  <i>Yes.....1</i> <i>No.....0</i>	6. What was the .....		7. What is the main occupation of.....now ?	8. What is the secondary occupation of..... (use codes for S1Q7.)	9. Is..... married? <i>Yes.....1</i> <i>Widow/er.2</i> <i>No.....0</i>	10. To which ethnic group does...belong?
						a. Highest level of schooling attended?	b. Highest grade in that level?				
	1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										
	11										
	12										
	13										

**S1Q2 Relation to household head**

1. Head
2. 1st wife/husband
3. 2nd wife
4. 3rd wife
5. 4th wife
6. Son/daughter
7. Grandchild
8. Father/mother
9. Brother/sister
10. Relative of head or head's spouse

11. Other not related to head or head's  
Spouse (Specify.....)

**S1Q6a/b Level of school**

1. None
2. Primary
3. Middle/JSS
4. SSS/Tech/Com
5. Post sec/Nursing/Poly/Train'g col
6. Higher
7. Kinder Garten

**S1Q7 Main occupation**

1. Farmer
2. Health worker
3. House worker
4. Agr. Labourer
5. Non-agr. Labourer
6. Trading/shop keeping
7. Student/pupil
8. Unemployed
9. Retired
10. None
11. Other \_\_\_\_\_  
(Specify.....)

**S1Q10 Ethnicity:**

1. Asante
2. Akwapim
3. Fanti
4. Other Akan
5. Ga-Adangbe
6. Ewe
7. Guan
8. Nzema
9. Hausa
10. Dagomba
11. Mamprusi

12. Gonja
13. Grussi/Frafra
14. Dagarti
15. Kusasi
16. Kassena-Nankani
17. Konkomba
18. Nanumba
19. Builsa
30. Other \_\_\_\_\_  
(Specify.....)

**NOTE FOR INTERVIEWER****Definition of Household:**

In this survey, a household is defined as a group of people who have usually slept in the same dwelling and shared the cost of their meals for at least 9 of the 12 months preceding the interview.

## Section 2A. GETTING TO KNOW THE FARMER

### INSTRUCTIONS: INTERVIEW THE FARM HOLDER

<p>1*. Were you born here? (refer to code list) if 1, =&gt; S2AQ4 if 2, =&gt; S2AQ3</p> <input type="text"/>	<p>2. How long ago did you move to this place?</p> <table border="1"> <tr> <td>Years</td> <td>Months</td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>	Years	Months	<input type="text"/>	<input type="text"/>	<p>3. Migrated from: (See code list)</p> <input type="text"/>	<p>4. Which inheritance rule will you apply? (See code list)</p> <input type="text"/>	<p>5. Which household members work on the cocoa farm alone? (Exclude the respondent and use id codes in S1Q1) <b>LIST IN ORDER OF IMPORTANCE</b></p> <table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<p>6. Do you have a caretaker? Yes.....1 No.....0</p> <input type="text"/>
Years	Months																				
<input type="text"/>	<input type="text"/>																				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>										
<p>7. Does your father live in this household? Yes.....1 No.....0</p> <input type="text"/>	<p>8. What was the highest educational level completed by your father? (Use codes of S1Q6a/b)</p> <input type="text"/>	<p>9. What kind of work has your father* done for most of his life?</p> <input type="text"/>	<p>10. Was your father* .....? (See code list)</p> <input type="text"/>	<p>11. Does your mother live in this household? Yes.....1 No.....0</p> <input type="text"/>	<p>12. What was the highest educational level completed by your mother? (Use codes of S1Q6a/b)</p> <input type="text"/>	<p>13. What kind of work has your mother done for most of her life?</p> <input type="text"/>															

\*INTERVIEWER: ASK THIS QUESTION IN RELATION TO UNCLE (MOTHER'S BROTHER) IF INHERITANCE SYSTEM IS 2 OR 4

### INSTRUCTIONS: ASK ABOUT ALL PARCELS OF LAND OWNED OR CULTIVATED BY RESPONDENT

<p>14. What is the unit in which farm areas are recorded?</p> <input type="text"/>	<p>15. How much land do you own?</p> <table border="1"> <tr> <td>a. Amount</td> <td>b. Unit</td> </tr> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </table>	a. Amount	b. Unit	<input type="text"/>	<input type="text"/>	<p>16. How many farms do you <u>cultivate</u>?</p> <input type="text"/>	<p>17. How many of these do you <u>own</u>?</p> <input type="text"/>
a. Amount	b. Unit						
<input type="text"/>	<input type="text"/>						

\*Note for INTERVIEWER: make sure to ask the respondent if his family is originally from the village/town of the interview if he was born there.

#### S2AO1 Place of Birth:

1. Indigene (Born Here)
2. Migrant (Born here)
3. Not born here

#### S2AO3 Place of Origin

1. Ashanti
2. B. Ahafo
3. Central
4. Eastern
5. G. Accra
6. Northern
7. Upper East
8. Upper West

#### 9. Volta

10. Western
11. Outside village (this district)
12. Outside district this region
- Outside Ghana
13. B/Faso
14. C/Ivory

#### 15. Mali

16. Nigeria
17. Togo
18. Other \_\_\_\_\_

#### S2AO4 Inheritance Rule

1. Patrilineal

#### 2. Matrilineal

3. Intestate law
4. 2 + 3

#### S2AO14 Unit of Area

1. Acres
2. Poles

#### 3. Ropes

4. Hectare
5. Square mile
6. Farms
7. Other \_\_\_\_\_

#### S2AO9/13 Work of father/mother

1. Farming Cocoa
2. Farming Other Crops
3. Trading
4. Clerical
5. Construction
6. Professional
7. Don't know

#### S2AO10: Social Status of father

1. Village chief
2. Government official
3. Leading member of this community
4. Farmer
5. Artisan
6. Other \_\_\_\_\_

# ASK THIS SECTION RIGHT ACROSS PGG. 5-7 FOR EACH FARM

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## Section 3. FARM DETAILS: INVENTORY AND PHYSICAL CHARACTERISTICS

**INSTRUCTIONS. INTERVIEW THE FARMER ABOUT ALL THE LAND THAT HE/SHE INDIVIDUALLY OWNS OR CULTIVATE. INCLUDE FALLOW LAND, BUT EXCLUDE LAND RENTED OUT OR SHARECROPPED OUT.**

0. Farm id	1. Area		2. Do you own this farm?  Yes.....1 (> S3Q4) No.....0	3. What is your relationship to the farm owner?  Spouse.....1 Kin.....2 Abunu.....3 Abusa.....4 Caretaker.....5 Other.....6	4. How did you obtain the use of this farm?  (See codes below)	5. If the farm were to be sold <i>now</i> , how much would it be worth?  Value	6.  <b>INTERVIEWER: ASK THIS QUESTION ONLY IF ANSWER TO S3Q2 WAS 1</b>  What year did you acquire it?	7. How was the farm used <i>before</i> acquisition? (See codes below)	8. What is the <u>current</u> farm use?  (INTERVIEWER: Rank in order of importance up to 5 answers)
1									
2									
3									
4									
5									
6									
7									
8									
9									

### S3Q1b Units for land measures

1. Acre
2. Pole
3. Rope
4. Hectare

5. Sq. mile

6. Farm
7. Other \_\_\_\_\_

### S3Q4 How was land obtained

1. Inherited from father
2. Inherited from mother's family
3. Received as gift
4. Inherited from husband/wife

5. Purchased

6. Developed as an abunu sharecropper
7. Farm is/was pledged
8. Allocated by Government
9. Other \_\_\_\_\_

### S3Q7/8 Codes for Land Use

1. Forest
2. Food
3. Fallow
4. Cocoa

5. Other tree

**EXCLUDE LAND RENTED OUT OR SHARECROPPED OUT**

1) GIVE THE PROPORTION AS A FRACTION OF THE NUMBER OF PLANTINGS (FOR EXAMPLE 1/3, 3/4 ETC. IF NONE WRITE 0/0. IF ALL, WRITE 1/1).  
2) IF THE ANSWER IS GIVEN AS A NUMBER OF TREES, WRITE THE ANSWER IN THE NUMERATOR AND THE TOTAL NUMBER OF TREES IN THE DENOMINATOR OF ALL THREE QUESTIONS (11. 12. 13.)

**Section 3. FARM DETAILS CONT'D: LAND USE**

0. Farm id (cont' ed)	9. What is the area planted to cocoa? Or the number of cocoa trees? (Give choice between a/b <u>OR</u> c)			10a. When was this farm first cleared for cocoa?	10b. When did you start cultivating cocoa on this farm?	11. What proportion of your cocoa trees is too young to produce?	12. What proportion of your cocoa trees is in full production?	13. What proportion of your cocoa trees is near the end of its productive life?	14. What type of cocoa do you grow?  (INTERVIEWER: Rank starting from the predominant)		
	a Quantity	b Unit	c No. Trees	(INTERVIEWER: Indicate year)	(INTERVIEWER: Indicate year)						
1				----	----	/	/	/			
2				----	----	/	/	/			
3				----	----	/	/	/			
4				----	----	/	/	/			
5				----	----	/	/	/			
6				----	----	/	/	/			
7				----	----	/	/	/			
8				----	----	/	/	/			
9				----	----	/	/	/			

**S3O9a Units for land measures**

1. Acre
2. Pole
3. Rope
4. Hectare
5. Sq. mile

6. Farm
7. Other \_\_\_\_\_

3. Hybrid

**S3O14 Cocoa Type**

1. Tettah Quashie (local)
2. Amazon

**EXCLUDE LAND RENTED OUT OR SHARECROPPED OUT**

**Section 3. FARM DETAILS CONCL'D: LAND USE**

0. Farm id (cont'd)	15. In the past 12 months, have you lost any cocoa to bush-fires or swollen shoots?  <i>Bush fire.....1 Swollen Shoot.....2 Neither.....3 Both.....4</i>	16. Do you have any cocoa which is too young to produce?  <i>Yes.....1 No.....0 (if No &gt; S3Q18)</i>	17. Was the cocoa that was too young to produce ..... ?  <i>re-planting .....1 new plantings....2 both.....3</i>	18. Do you intend to plant any cocoa in the future?  <i>Yes.....1 No.....0 Don't now.....2</i>	19. Do you grow any food crops?  <i>Yes.....1 No.....0 ... (&gt;S4)</i>	20. What food crops are currently grown? (Allow up to 5 most important crops in terms of revenue)				
1										
2										
3										
4										
5										
6										
7										
8										
9										

**S3Q20 Food crops grown**

2. Maize  
3. Yam

4. Plantain  
5 Cocoyam  
6. Cassava

7. Pulses  
8. Other Veg.  
9. Rice

10. Other \_\_\_\_\_  
16. Bananas  
17. Orange

19. Oil palm tree

**EXCLUDE LAND RENTED OUT OR SHARECROPPED OUT**



**Section 4A. LABOUR INPUTS**

**INSTRUCTIONS: FOR ALL FARMS OWNED OR OPERATED BY THE RESPONDENT DURING THE LAST 12 MONTHS (THAT IS FROM SEPTEMBER 2001) ASK THE FOLLOWING. (REMEMBER; DAYS/PERSON IS NUMBER OF DAYS TIMES NUMBER OF WORKERS)**

<p>2. Task</p>	<p>3.</p> <p>I WOULD LIKE TO ASK YOU SOME QUESTIONS REGARDING <b>HOUSEHOLD</b> MEMBERS WORKING ON YOUR COCOA FARMS</p> <p><u>IN THE LAST 12 MONTHS, FOR EACH TASK LISTED BELOW, COULD YOU TELL ME HOW MANY.....?</u></p> <p><u>INTERVIEWER:</u> ASK FIRST HOW MANY MEN, THEN HOW MANY MAN-DAYS OF LABOUR, FINALLY HOW MANY HOURS PER MAN-DAY. THEN ASK HOW MANY WOMEN, THEN HOW MANY WOMAN-DAYS OF LABOUR, FINALLY HOW MANY HOURS PER WOMAN-DAY. FINALLY ASK ABOUT CHILDREN.</p>								
	<p><b>a.</b> <b>Men</b></p>			<p><b>b.</b> <b>Women</b></p>			<p><b>c.</b> <b>Children (aged 5-14)</b></p>		
	No. Pers	No. Days	Hrs/ Day	No. Pers	No. Days	Hrs/ Day	No. Pers	No. Days	Hrs/ Day
1. Land preparation									
2. Planting									
3. Maintenance (Weeding)									
4. Applying Inputs									
5. Harvesting									
<b>TOTAL</b>									

**Section 4A. LABOUR INPUTS**

4. Did you employ any paid labour in the last 12 months ?

Yes.....1

No.....0

(>S4B)

5. Did you employ more or less paid labour than in the previous major crop season (i.e. September 2000 – February 2001)?

More.....1

(>S4AQ7)

Less.....0

6. If less, was this because it was

Too expensive.....1

Not available when needed .....2

Other.....3

(Specify)

<p>2. Task</p>	<p>7.</p> <p>I WOULD NOW LIKE TO ASK YOU SOME QUESTIONS REGARDING DIFFERENT KINDS OF <b>LABOUR HIRED</b> ON YOUR COCOA FARMS.</p> <p><u>IN THE LAST 12 MONTHS, FOR EACH TASK LISTED BELOW AND EACH TYPE OF HIRED LABOUR, COULD YOU TELL ME HOW MANY.....?</u></p>								
	<p><b>a.</b> <b>CONTRACT LABOUR</b> (Paid on daily basis)</p>			<p><b>b.</b> <b>ANNUAL LABOUR</b></p>			<p><b>c.</b> <b>LABOUR EXCHANGE</b> (NNOBOA)</p>		
	No. Pers	No. Days	Hrs/ Day	No. Pers	No. Days	Hrs/ Day	No. Pers	No. Days	Hrs/ Day
1. Land preparation									
2. Planting									
3. Maintenance (Weeding)									
4. Applying Inputs									
5. Harvesting									
<b>TOTAL</b>									

# ASK THIS SECTION RIGHT ACROSS PG 10 FOR EACH INPUT

## Section 4B. NON-LABOUR INPUTS

INTERVIEWER: FOR ALL FARMS OWNED OR OPERATED BY THE RESPONDENT DURING THE LAST 12 MONTHS (THAT IS FROM SEPTEMBER 2001 TO COVER THE COCOA HARVEST FROM SEPTEMBER TO MARCH) ASK ABOUT NON-LABOUR INPUTS AS FOLLOWS

	C O D E	1. Did you <u>USE</u> any ...in the last 12 months?	2. Amount Used		3. Do you apply this input	4. Was ..... obtainable at any time during the year when you needed it?
		Yes.....1 No.....0 (if no to all >\$5A)	a. Quantity	b. Unit	Regularly .....1 Or Just when a problem arises....2 ?	Yes.....1 No.....0
Fertilizer	1					
Insecticides	2					
Spray Machine	3					
Bags, containers, string	4					
Petrol/Diesel/Oil	5					
Hand tools	6					
Other Inputs _____	8					

Unit codes S4BQ2b

2. Sachets

4. Pieces

1. Litres

3. Kilos

5. Other \_\_\_\_\_

# ASK THIS SECTION RIGHT ACROSS PG 11 FOR EACH CROP SOLD

## Section 5. SALE OF OUTPUT

**INTERVIEWER:** IN THE LAST 12 MONTHS, WHAT WERE THE MAJOR CROPS (IN TERMS OF REVENUE) THAT YOU SOLD (ALLOW UP TO FIVE ANSWERS)?

**INSTRUCTIONS FOR THIS SECTION:** FIRST LIST UP TO 5 MOST IMPORTANT CROPS FOR THE RESPONDENT'S **ANNUAL** REVENUE, THEN FOR *EACH* CROP ASK THE QUESTIONS RIGHT ACROSS THE PAGE.

1. Crop sold  (List 5 most important in terms of revenue)	2a. Unit Measures	2b. Time Unit	2c. Quantity	2d. Unit Cost	3. Total value  (INTERVIEWER: Calculate this column separately at the end of interview)	4. What was the outlet for your sales?  (Allow multiple answers)  (See codes below)				5. Have you sold on credit?  Yes.....1 No.....0	6. Have you sold all the crops?  Yes.....1 No.....0	7. Have you been completely paid?  Yes.....1 No.....0	8. <b>IF NO:</b> how much remains to be paid?	9. How long does it normally take to receive the payment?  Weeks (if under 1, enter 0)

### **Q1: Crops:**

6. Cassava  
'ocoa  
faize  
'am  
lantain  
ocoyam

12. Tomato  
13. Garden egg  
14. Okro  
15. Pepper  
16. Banana  
17. Orange

18. Avocado  
19. Palm Oil  
20. Sugar cane  
21. Bean  
22. Water yam

### **S5AO2a: Unit measures:**

1. Pounds  
2. Kilos  
3. Metric ton  
4. Minibag  
5. Maxibag

### **S5AO2b: Unit time**

6. Sheet  
7. American tin  
8. Bundle  
9. Nut  
10. Fruits  
11. Basket

12. Bowl  
13. Kerosene tin  
14. Head load  
15. Tomato tin  
16. Marg. tin  
17. Liter

18. Gallon  
19. Bunch  
20. Beer Bottle  
21. Hundred  
22. Fruits  
23. Olonka

### **S5AO2c: Unit time**

24. Sucker  
25. Other\_\_\_\_\_ (Specify)

1. Yearly  
2. Monthly  
3. Weekly  
4. Daily

### **S5AO4: Sales' outlets**

5. Fortnightly  
6. Village head  
7. Mark. Traders  
8. State trading org.  
9. Consumers  
10. Licensed Buying Co.  
11. Other\_\_\_\_\_ (Specify)

# ASK TO SEE THE PASSBOOKS (ONE FOR EACH LBC)

**Section 6A. ACCESS TO CREDIT AND COLLATERAL****INTERVIEWER: IF COCOA IS THE PRIMARY SOURCE OF INCOME, PLEASE ASK THE FOLLOWING QUESTIONS ONLY IN CONNECTION TO THE COCOA BUSINESS**IN CONNECTION TO YOUR COCOA BUSINESS I WOULD LIKE TO ASK THE FOLLOWING QUESTIONS REGARDING YOUR SAVINGS AND CREDIT AVAILABILITY....

1. Did you save any money in the last 12 months for planting material, and or new equipment ?	1. Yes 0. No	
2. Do you have a bank account?	1. Yes 0. No (If no, > S6AQ4)	
3. What is this account for ....?	1. Cashing Akuafo cheques 2. Kuapa Credit Union 3. Savings 4. Other _____	
4. Have you <u>EVER</u> borrowed money?	1. Yes 0. No (If no, > S6B)	
5. Who did you borrow from?	(SEE CODES)	
6. What was the amount of the last loan you received?		Cedis _____
7. For what purpose was the loan given?	(Allow multiple answers) (SEE CODES)	
8. What was the ..... interest rate?	1. Monthly 2. Yearly	%
9. Did you provide any collateral?	1. Yes 0. No (If no, > S6AQ11)	
10. What was the collateral?	(SEE CODES)	
11. Would you borrow from this lender again?	1. Yes 0. No (If yes, > S6B)	
12. Why not?	(SEE CODES)	

**S6AQ5: Sources of loan*****Formal***

1. State Bank
2. Private Bank
3. Cooperatives
4. Rural Bank

***Informal***

5. Credit Union
6. NGO
7. Other formal \_\_\_\_\_
8. Middleman

***Informal***

9. Money Lenders
10. Trader
11. Farmer
12. Relatives & Friends
13. Other informal \_\_\_\_\_

**S6AQ7: Purpose of loan**

1. Land/equipment
2. Agric. Inputs
3. Agric. Production
10. Other \_\_\_\_\_

**S6AQ10: Guarantee**

1. Land
2. House
3. Cattle
4. Guarantor

***Other***

5. Produce
6. None
7. Other \_\_\_\_\_  
(Specify)

**S6AQ12: Reasons for not borrowing :**

1. High interest rate
2. Lack of advice
3. Poor Customer Service

***Other***

4. Difficult Procedure
5. Accessibility
6. Other \_\_\_\_\_  
(Specify)

# Section 6B Cont'd. TRANSFERS, AND OTHER SOURCES OF INCOME

TRANSFERS								
1. During the past 12 months has this household received or collected money or goods from household members living elsewhere?  <i>Yes.....1</i> <i>No.....0</i>	2. During the past 12 months has this household received or collected money or goods from any other source? (ex. NGO, aid programme) <i>Yes.....1</i> <i>No.....0</i>	IF NO TO BOTH S6BQ1 AND S6BQ2, >> S6BQ8	3. Will you have to repay this?  <i>Yes.....1</i> <i>No.....0</i>	4. What was the total amount of the cash you received in the last 12 months?  Amount	5. What was the total value of food received from this individual during the last 12 months?  Value	6. What was the total value of other goods (non-food items) received from this individual during the last 12 months?  Value	7. Where does this individual live?  <i>This village / town.....1</i> <i>Another village / town...2</i> <i>Urban town.....3</i> <i>Another town.....4</i> <i>Abroad (Africa).....5</i> <i>Abroad (Overseas).....6</i> <i>Other _____ 7</i> <i>(specify)</i>	
OTHER SOURCES OF INCOME								
8. Do you grow enough food crops to meet your needs?  <i>Grow enough.....1</i> <i>Must buy food.....2</i> <i>Have surplus to sell.....3</i>	9. What <u>proportion</u> (%) of your income comes from cocoa?  <i>Yes.....1</i> <i>No.....0</i> <i>(if No, &gt; S6BQ12)</i>	10. Do you have any other sources of income other than cocoa?  <i>Yes.....1</i> <i>No.....0</i> <i>(if No, &gt; S6BQ12)</i>	11. What are these other sources?		12. In the past 12 months, have you received rental income from any properties (land, buildings, etc) ...?			
			a. Source code	b. Amount (%)		a. <i>Yes.....1</i> <i>No.....0</i> <i>(if 0 &gt; S6CQ1)</i>	b. Amount	
					1. In this village/town	?		
					2. In another village/town			

## S6BQ11a: Sources of income

1. Other crops
2. Other farm products
3. Other source of business

4. Children/relatives living elsewhere
5. Pension
6. Labouring work on other farms
7. Forestry

8. Mining
9. Other\_\_\_\_\_



# ASK THIS SECTION RIGHT ACROSS PG 15 FOR EACH EVENT

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IF NONE, TICK THIS BOX

☐

## Section 7A: RESPONSES TO UNEXPECTED EVENTS

1. In connection with your cocoa farms, please tell me about any problems you have had on this farm since September 2001:  
(**INTERVIEWER:** If NONE, go to S7B)

a. Event	b. Duration (months)	d. % Of farm	e. Severity	f. Response

### **S7Q1a: Events**

1. Termites
2. Other insects
3. Rodents
4. Grass cutter
5. Other animal
6. Wilt
7. Leaves Fall off
8. Mushroom/fungus
9. Rotten Roots
10. Rotten crops
11. Not enough rainfall

12. Flood
13. Drought
14. Chemical damage
15. Planting error
16. Swollen shoot
17. Unidentified disease
18. No market for crop
19. Paid lower price than expected
20. Theft
21. Bushfire (unintended)
22. Mistletoe
23. Other \_\_\_\_\_

### **S7Q1b: Events**

24. Black Pod

### **S7Q1c: Severity**

1. Minor
2. Noticeable loss
3. Significant loss
4. Major loss
5. Total Crop failure

### **S7Q1d: Response**

1. None
2. Replant
3. Specific chemicals
4. Hand picking
5. Stop cultivating
6. Uproot affected area
7. Uproot entire farm
8. Destroy affected crop
9. Make traps
10. Change seed or variety
11. Change method of planting

### **S7Q1e: Response**

12. Treat seeds before planting
13. Treat suckers
14. Can watering
15. Pump irrigation
16. Weeding
17. Other \_\_\_\_\_



# ASK THIS SECTION RIGHT ACROSS PG 16 FOR EACH INVESTMENT

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## Section 7B : Investment Choices

**INTERVIEWER:** IN THE LAST 5 YEARS, DID YOU INVEST MONEY IN ANY OF THE FOLLOWING?

1.	C O D E	2. Yes.....1 No.....0 <i>(if no to all &gt;S8A)</i>	3. What <u>year</u> was this investment made?	4. <u>Where</u> was this investment in ..... made? <i>(see codes below)</i>	5. What was the value of this investment?
Cocoa expansion	1				
Cocoa replanting	2				
Buying land	3				
Buildings (house)	4				
Other Business _____ <i>(Specify)</i>	5				
Vehicle	6				
Children's Education	7				
Other _____ <i>(Specify)</i>	8				

### **S7BO4: Location:**

1. This village
2. Other village this district
3. Other district, but same region
4. Other region

# STOP AND EXPLAIN THE PURPOSE OF THIS SECTION

## Section 8A. MARKETING CONDITIONS

In connection to the sale price of cocoa you received, I would like to ask you the following questions:

1. Do you know how the Licensed Buying Companies set the price of cocoa? ☐ Yes 1  
No 0  
(if no, 8AQ2)

1b. Can you explain this to me? \_\_\_\_\_

2. Were you ever paid a lower price than the one announced by the government? ☐ Yes 1  
No 0  
(if no, S8AQ3)

- 2b. Did you get a satisfying explanation for this? ☐ Yes 1  
No 0  
(if no, >S8AQ3)

2c. What was this? \_\_\_\_\_

### **Possible explanations: (allow multiple answers)**

1. Produce arrived late at the market
2. Variety of produce is paid lower price
3. Quality of produce
4. Produce arrived damaged to the market due to bad packaging
5. Trader is being dishonest
6. Deduction is made for repayment of debt
7. Other \_\_\_\_\_

3. Are you aware of the movements in the international price of cocoa? ☐ Yes 1  
No 0
4. Do you know the price paid to farmers in the Ivory Coast? ☐ Yes 1  
No 0  
(if no, >S8AQ6)

**Section 8A. CONT'D MARKETING CONDITIONS**

5. Do people come and buy cocoa in this village from the Ivory Coast?

☐

Yes 1  
No 0

5. Do you know that some farmers in Ghana sell their cocoa to Ivory Coast?

(if no, >S8AQ7)

☐

Yes 1  
No 0

5b. Do you know for what price they sell? \_\_\_\_\_

6. Have you heard of anyone selling to Ivory Coast for this price?

☐

Yes 1  
No 0

7. If the LBCs were allowed to export, do you think this will affect you?

☐

Yes 1  
No 0

8. How do you think this will affect you?

INTERVIEWER: WRITE THE FOUR MAJOR RESPONSES

(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

(d) \_\_\_\_\_

**REMARKS OF INTERVIEWER:** PLEASE TAKE NOTE IN THE SPACE PROVIDED BELOW OF ANY SPECIFIC CONSIDERATION THAT THE FARMER MIGHT WANT TO MAKE

## Section 8B. FARMERS' PERCEPTION OF MARKET LIBERALISATION

1. Which LBCs buy cocoa in this village?

(Allow up to 6 multiple answers)

--	--	--	--	--	--

**Licensed Buying Companies:** (allow multiple answers)

- |  |   |
|--|---|
| 1. Adumapa Buyers Ltd.                       | 11. Ghana Co-operative Marketing Association Ltd. |
| 2. Agrotrade Ltd.                            | 12. Goldcrest Commodities Ltd.                    |
| 3. Ahofo Buying Co. Ltd.                     | 13. Kiku Produce Marketing Ltd.                   |
| 4. Akuafo Adamfo Marketing Company Ltd.      | 14. Kuapa Kokoo Ltd.                              |
| 5. Al haji Sulemana Industries Ltd.          | 15. Premus Trading Company Ltd.                   |
| 6. Bowohoso L.td.                            | 16. Producing Buying Company (ex CMB)             |
| 7. Cashew and Spices Products Ltd. (CASHPRO) | 17. Royal Commodity                               |
| 8. Cocoa Merchants (Gh) Ltd.                 | 18. Seel Ghana Ltd.                               |
| 9. Federated Commodities Ltd.                | 19. Transroyal (Ghana) Ltd.                       |
| 10. Geomco Services L.td.                    | 20. United Farmers' Marketing Co. Ltd.            |
|  | 21. Universal Crop Protection (Gh) Ltd.           |
|  | 22. Other _____                                   |

2. Can you tell me the NUMBER of LBCs you sold your cocoa to in the last crop season?					
3. Which LBCs did you sell your cocoa to in the last crop season? (INTERVIEWER: rank them starting from the one they sold most of their cocoa to)					
4. Did they pay you in cash or cheque? 1. Cash 2. Cheque 3. Both					
5a. Did these LBCs provide any credit for inputs? 1. Yes 0. No					
5b. Did these LBCs provide any inputs on credit? 1. Yes 0. No					
6. What price did you get last time from these LBCs for each bag sold?					

**Section 8B CONT'D. FARMERS' PERCEPTION OF MARKET LIBERALISATION**

7. Did these LBCs make any deductions? ? (If No > S8BQ9)	1. Yes				
	0. No				
7b. What amount was deducted?					
8. Why was this amount deducted? (SEE CODES)					

**Possible explanations: (list one or more in order of importance)**

1. Loans and/or inputs previously collected
2. Variety of produce is paid lower price
3. Kilo-Kilos deduction

4. Produce arrived damaged to the market due to bad packaging

5. Trader is being dishonest

6. Other \_\_\_\_\_ (Specify)

9. Why did you choose to sell to these companies?					
---	--	--	--	--	--

**Possible explanations: (list one or more in order of importance)**

1. Pay promptly
2. Availability of credit
3. Relative or Landlord is LBC representative
4. Accountability/trust
5. Work for LBC/ Elected onto committee

6. Give to more than one to hedge bets

7. Belongs to the Community

8. Other reason \_\_\_\_\_

10. Would you sell to these LBC again?	1. Yes				
	2. No				
	3. Possibly				

11. If not, why? INTERVIEWER: WRITE THE THREE MAJOR RESPONSES				

**Section 8B CONCL'D. FARMERS' PERCEPTION OF MARKET LIBERALISATION****INTERVIEWER:** IF KUAPA IS ONE OF THE LBCs TO WHICH COCOA HAS BEEN SOLD ASK THE FOLLOWING:

12. Are you affiliated to Kuapa?

1. Yes

0. No \_\_\_\_

(if no, end interview)

13. IF YES, since when?

(year) \_\_\_\_ \_

14. Why did you decide to join Kuapa?

INTERVIEWER: WRITE THE THREE MAJOR RESPONSES

(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

**SECTION 9: POVERTY PREDICTORS**

1. Does the household use toilet paper rolls?	Yes. 1 No. 0 ____	7. How many times was a meal with meat prepared in your hhd in the past weeks? (exclude fish and chicken)	
2. Does the household use toothbrush and toothpaste?	Yes. 1 No. 0 ____	8. Can your household afford 2 decent meals per day?	Yes. 1 No. 0 ____
3. Does the household use packaged soap for bathing?	Yes. 1 No. 0 ____	9. Can your household afford decent clothing?	Yes. 1 No. 0 ____
4. Can the household afford transport on a regular, as needed basis?	Yes. 1 No. 0 ____	10. Does the household have access to drinking water for most part of the year?	Yes. 1 No. 0 ____
5. Do you have any savings or easily convertible assets?	Yes. 1 No. 0 ____	11. Do you owe individuals and/or institutions (bank, schools, etc.) for which you are unable to pay despite constant reminders?	Yes. 1 No. 0 ____
6. Can you afford medical care (doctor/dentist) and medications on a regular, as needed basis?	Yes. 1 No. 0 ____		

**END OF INTERVIEW - THANK YOU VERY MUCH FOR YOUR TIME**

### ENUMERATOR'S POST-INTERVIEW OBSERVATION SHEET

	Completed	Partly Completed	Not Completed	Comments
<b>Section 0:</b> SURVEY INFORMATION				
<b>Section 1:</b> HOUSEHOLD ROSTER				
<b>Section 2:</b> GETTING TO KNOW THE FARMER				
<b>Section 3:</b> FARM DETAILS				
<b>Section 4:</b> LABOUR AND NON-LABOUR INPUTS				
<b>Section 5:</b> SALES OF OUTPUT				
<b>Section 6:</b> ACCESS TO CREDIT, TRANSFERS AND ASSETS HOLDINGS				
<b>Section 7:</b> RESPONSES TO UNEXPECTED EVENTS AND INVESTMENT CHOICES				
<b>Section 8:</b> MARKETING CONDITIONS AND FARMERS' PERCEPTION OF MARKET LIBERALISATION				
<b>Section 9:</b> POVERTY PREDICTORS				

### VERIFICATION OF THE QUESTIONNAIRE

Name of supervisor:.....

Date of Review \_\_/\_\_/\_\_

GENERAL REMARKS.....  
 .....  
 .....  
 .....  
 .....