

ZAMBIA CROP FORECAST SURVEY (2004/2005)
FOR SMALL AND MEDIUM-SIZED HOLDINGS
(Synthetic Questionnaire)

Location of data files: c:\docs\Zambia\CFS\CFS0405\data_____

Files created for this questionnaire:

| File name | Level of Data | Page | Table/data Description |
|-----------------------|------------------------|-------------|---|
| cfs0405_id.sav | household | 2 | Household information and identifying variables |
| cfs0405_hh.sav | household | 2 | Household questions |
| cfs0405_field.sav | Household, field | 3 | Field information - tillage, animal/plant manure, use of lime |
| cfs0405_crop.sav | household, field, crop | 4 | Field, crop information, seed, planting area, harvest area, total harvest, fertilizer |
| cfs0405_cassava.sav | Household, field | 5 | Area under cassava, variety, year/month planted, |
| cfs0405_cropsales.sav | Household, crop | 6 | Projected sales |

When this questionnaire was conducted, the post harvest information from the previous season was also collected from the same respondent. See PHS 2003/2004.

Filename: cfs0405_id.sav Key Variables: dist, const, ward, region, csa, sea, hh

"Identifying variables" (Original Questionnaire Cover)

PROV _____ Province (see code list)
DIST _____ District
CONST _____ Constituency
WARD _____ Ward
REGION _____ Region – 1 Rural 2 Urban
CSA _____ Census Supervisory Area
SEA _____ Standard Enumeration Area
HH _____ Household serial number

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

WEIGHT _____ Household weight factor
AGE _____ Age of head of household (years)
SEX _____ Sex of head of household: 1 Male 2 Female

MSTATUS _____ Marital Status
 1 Single 2 Monogamously married
 3 Polygamously married 4 Divorced
 5 Widowed 6 Separated

RSTATUS
 Value Label
 1 Completed
 2 Refusal
 3 Moved out of SEA
 4 Non-contact
 5 Hh dissolved

RSTATUS _____ Response status (see code list)
CATEGORY _____ Category (see code list)

CATEGORY
 Value Label
 1 A - small scale holding < 2 ha
 2 B - medium scale holding – 2-5 ha
 3 C – medium scale holding – 5-19.9 ha

Filename: cfs0405_hh.sav Key Variables: dist, const, ward, region, csa, sea, hh

1 HH01 _____ Has any member of this household planted any crops this agricultural season (2004/2005) including cassava - 1 - Yes 2 - No

2 HH02 _____ Has any member of this household planted any crops last agricultural season (2003/2004) including cassava - 1 - Yes 2 - No

If answer is no to both question, end interview.

1. CROP FORECAST

Enumerator: Transfer field numbers from the sketch. Ask the following questions for each of the fields the household planted in 2004/2005 agricultural season. Exclude all cassava fields. Calculate the quantity harvested in kilograms (kgs) for seed cotton, Virginia tobacco, burley tobacco, paprika and coffee.

Key Variables: PROV, DIST, CONST, WARD, REGION, CSA, SEA, HH, FIELD Reference period: The current agricultural season (2004/2005 season) Filename: cfs0405_field.sav

| Field ID | Type of field 1=monocrop 2=mixture | What was the main tillage method used? see codes below | When was tillage done? 1 = before the rains 2 = during the rains | Did you apply plant or animal manure? 1 = Yes 2 = No | How many kgs of lime did you apply (Enter "0" if they did not apply) |
|----------|--|---|--|--|---|
| field | fldtype | cf01 | cf02 | cf03 | cf04 |
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CF01

- 1 = conventional hand hoeing
- 2= planting basins
- 3=zero tillage
- 4=ploughing
- 5=ripping
- 6=ridging
- 7=bunding

Key Variables: PROV, DIST, CONST, WARD, REGION, CSA, SEA, HH, FIELD, CROP Reference period: The current agricultural season (2004/2005 season) Filename: cfs0405_crop.sav

| Field ID | Crop code Enter appropriate crop code for each field see codes below | Type of field 1=monocrop 2=mixture | What is the area under this crop? | | | What area is harvested or expected to be harvested? | | | Ask if cf09 is less than cf07 else Go To cf12 What is the main reason for not harvesting the whole area planted? See codes below | What main seed variety did you plant? See code sheet in the manual | What quantity of seed did you plant? | | How many kgs of basal dressing did you apply (Enter "0" if they did not apply) | How many kgs of top dressing did you apply (Enter "0" if they did not apply) | How much of this crop have you harvested/expect to harvest from this field? | | |
|----------|--|--|-----------------------------------|---------------------------------------|------------------------|---|---------------------------------------|--------------------------|--|---|--------------------------------------|-------------------------|---|---|---|----------------------|----------------|
| | | | Qty | Unit 1 = lima 2 = acre 3= ha | Total hectares planted | Qty | Unit 1 = lima 2 = acre 3= Ha | Total hectares harvested | | | Qty planted | Unit see codes below | | | Qty Harvested/ to be harvest ed | Unit See codes below | Kgs harvest ed |
| field | crop | cf01 | cf05 | cf06 | thect plt | cf07 | cf08 | thect hrv | CF09 | CF10 | CF11 | CF12 | CF13 | CF14 | CF15 | CF16 | Totharv |
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| CROP | | CF09 | Unit CF12 and CF16 | |
|-----------------------|-------------------|-----------------------------|-----------------------------------|------------------|
| 1= Maize | 12= Mixed beans | 1 = water logging | 1 = 90kg bag | 12=MEDA |
| 2 = Sorghum | 13= Bambara nuts | 2 = wilting due to drought | 2 = 50kg bag | 13=bunches |
| 3 = Rice | 14=Cowpeas | 3 = animal/bird destruction | 3 = 25kg bag | 14=Muchumbu |
| 4 = Millet | 15 = Velvet beans | 4 = field not weeded | 4 = 10kg pocket | 15=ka B.P. |
| 5 = Sunflower | 16 = Coffee | 5 = pests and diseases | 5 = 20lt tin | 16=crates |
| 6 = Groundnuts | 17=Sweet potatoes | 6 = fire | 6 = 90kg bag unshelled/unpolished | 17=tonnes |
| 7 = Soybeans | 18=Cassava | 7 = theft | 7 = 50kg bag unshelled/unpolished | 18=boxes |
| 8 = Seed Cotton | 19=Kenaf | 8 = floods | 8 = 25kg bag unshelled/unpolished | 19=number |
| 9 = Irish potatoes | 20=Cashew nuts | 9 = other specify | 9 = 10kg bag unshelled | 20=kilogram (kg) |
| 10 = Virginia tobacco | 21=Other crops | 10=lack of fertiliser | 10=20lt tin unshelled/unpolished | |
| 11 = Burley tobacco | 22=Paprika 23=Tea | | 11=5lt gallon | |

SECTION 2. CASSAVA PRODUCTION FORECAST

Enumerator: Look at the sketches to see if the household had any cassava fields in 2004/2005. If there are no cassava fields, go to SECTION 3

2.1 Please tell us about the household's cassava production

Key Variables: PROV, DIST, CONST, WARD, REGION, CSA, SEA, HH, FIELD

Filename: cf405_cassava.sav

| Cassava field number | What variety of cassava is / was in this field? See codes (a) below | What is the area of the field? | | When did you plant most of this field? | | Is the cassava in this field mature or expected to mature between now and 30 th April 2006? 1 = yes 2 = no -> go to next field |
|----------------------|--|--------------------------------|---|--|-------|---|
| | | Area | Unit 1 = Lima 2 = Acres 3 = Ha | Year | Month | |
| field | CS01 | CS02 | CS03 | CS04 | CS05 | CS06 |
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| CS04 | CS05 | CS01 Cassava variety | |
|---------------|-------------|----------------------|-----------------------------|
| 1=2005 | 01=January | 09=September | |
| 2=2004 | 02=February | 10=October | 1=Bangweulu 8=Local variety |
| 3=2003 | 03=March | 11=November | 2=Nalumino |
| 4=2002 | 04=April | 12=December | 3=Kapumba |
| 5=2001 | 05=May | | 4=Chila |
| 6=2000 | 06=June | | 5=Mweru |
| 7=before 2000 | 07=July | | 6=Tanganyika |
| | 08=August | | 7=Other Improved |

SECTION 3. CROP FORECAST SALES

Enumerator: Ask the following questions for all FOOD CROPS. Exclude cassava.

Key Variables: PROV, DIST, CONST, WARD, REGION, CSA, SEA, HH, CROP **Reference period: The current agricultural season (2004/2005 season)** **Filename: cf405_cropsales.sav**

| Food crops harvested or expected to be harvested in 2004/2005 | | What quantity do you expect to sell and/or exchange? <i>Enter "0" if they will not sell. (please make sure sales do not exceed production)</i> | | Total quantity sold |
|--|-------------------|---|--------------------|---------------------|
| | | Quantity | Unit | |
| CROP | | CFS1 | CFS2 | totsales |
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| CROP | | CFS2 | | |
| 1= Maize | 12= Mixed beans | 1 = 90kg bag | 12=MEDA | |
| 2 = Sorghum | 13= Bambara nuts | 2 = 50kg bag | 13=bunches | |
| 3 = Rice | 14=Cowpeas | 3 = 25kg bag | 14=Muchumbu | |
| 4 = Millet | 15=Velvet beans | 4 = 10kg pocket | 15=ka B.P. | |
| 5 = Sunflower | 16=Coffee | 5 = 20lt tin | 16=crates | |
| 6 = Groundnuts | 17=Sweet potatoes | 6 = 90kg bag unshelled/unpolished | 17=tonnes | |
| 7 = Soybeans | 18=Cassava | 7 = 50kg bag unshelled/unpolished | 18=boxes | |
| 8 = Seed Cotton | 19=Kenaf | 8 = 25kg bag unshelled/unpolished | 19=number | |
| 9 = Irish potatoes | 20=Cashew nuts | 9 =10kg bag unshelled | 20 = kilogram (kg) | |
| 10 = Virginia tobacco | 21=Other crops | 10=20lt tin unshelled/unpolished | | |
| 11 = Burley tobacco | 22=Paprika | 11=5lt gallon | | |
| | 23=Tea | | | |

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