

**ZAMBIA POST-HARVEST SURVEY (1994/95)
FOR SMALL AND MEDIUM-SIZED HOLDINGS
(Synthetic Questionnaire)**

Location of data files: c:\docs\Zambia\PostHarv\9495\data_____

Files created for this questionnaire:

| File name | Level of Data | Page |
|---------------|-------------------|------|
| id.sav | household | 1 |
| hh.sav | household | 2 |
| crops.sav | household, crop | 9 |
| veg_fruit.sav | household, crop | 11 |
| livestock.sav | household, animal | 12 |
| assets.sav | household, asset | 14 |

| Corresponding Table | Table Description |
|---------------------|--|
| n/a | identifying information for household |
| n/a | household level questions |
| 1 | Crops planted, harvested, marketed, consumed |
| 2 | Sales of vegetables and fruits |
| 3 | Livestock production and marketing |
| 4 | Assets and investments |

**ZAMBIA POST-HARVEST SURVEY (1994/95)
FOR SMALL AND MEDIUM-SIZED HOLDINGS**

“Identifying variables”

File: id.sav

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

Village/locality name: _____
Name of head of household: _____

WGT _____ Revised Household weight factor
OLDWGT ____ Original 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)

Household population:

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

Household agricultural activity:

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

DIST _____ District codes matching new districting starting in 1995/96

PROV

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

| ID2 | | ID3 | |
|------------|-----------|------------|--------------------------|
| Value | Label | Value | Label |
| 1 | Completed | 1 | A - small scale holding |
| | | 2 | B - medium scale holding |

- hinp6** ____ Kwacha value of seeds / seedlings used
- hinp7** ____ During the 1994/95 agricultural season, did you use any seed purchased for the 1993/94 agricultural season?
 1 Yes 2 No (-> Go to **hinp9**)
- hinp8** ____ Kilograms of seed used from purchased in the 1993/94 agricultural season
- hinp9** ____ Did you **purchase chemical fertilizer** for the 1994/95 agricultural season?
 1 Yes 2 No (-> Go to **hinp13**)
- hinp10a** ____ Kilograms of chemical fertilizer purchased
hinp10b ____ Kwacha value of chemical fertilizer purchased
- hinp11** ____ Did you **use all chemical fertilizer purchased** during the 1994/95 agricultural season?
 1 Yes 2 No (-> Go to **hinp13**)
- hinp12a** ____ Kilograms of chemical fertilizer used from purchase
hinp12b ____ Kwacha value of chemical fertilizer used from purchase
- hinp13** ____ During the 1994/95 agricultural season, did you use any chemical fertilizer purchased for the 1993/94 agricultural season?
 1 Yes 2 No (-> Go to **Section 9**)
- hinp14** ____ Kilograms of chemical fertilizer used in the 94/95 season from purchase for 93/94 season

SECTION 9. Farm Loans

- hcred2** ____ Did you or any members of the household apply for any agricultural loan for agricultural purposes for the 1994/95 agricultural season?
 1 Yes 2 No (-> go to **Section 10**)

hcred3 ____ How many loans were applied for?

Which agency was approached for these loans?

- hcred6a** ____ Agricultural financial institution 1 Yes
hcred6b ____ Cooperative union 1 Yes
hcred6c ____ Commercial bank 1 Yes
hcred6g ____ Other (Specify) 1 Yes

What was the purpose of each of these loans?

- hcred7a** ____ Farm inputs 1 Yes
- hcred7b** ____ Purchase of draught animals 1 Yes
- hcred7c** ____ Purchase or repair of farm equipment and implements 1 Yes
- hcred7d** ____ Purchase construction or repair of farm buildings and structures 1 Yes
- hcred7g** ____ Purchase of livestock/poultry for raising or breeding on the holding 1 Yes
- hcred7f** ____ Other (Specify) 1 Yes

hcred5 ____ How many loans were approved? (Note: original questionnaire has 2 questions, only one was entered into the data files.)

hcred10 ____ What was the total amount of the loans applied for in the 1994/95 agricultural season (Kwacha)?

hcred11 ____ What was the amount approved from the loans applied for (Kwacha)?

hcred11a ____ What was the amount received from the approved loans (Kwacha)?

SECTION 11: Access to Draught/Tractor Power

hplou1 ____ Did you are any member of this household use any **draught power** for ploughing during the 1994/95 agricultural season?
 1 Yes 2 No (-> go to **hplou3**)

hplou2a ____ What was the source of the **draught power** that you used for ploughing?
 1 Own 2 Borrowed 3 Rented 4 Other - specify

hplou2b ____ In which month was the **draught power** first available to you for ploughing?

hplou3 ____ Did you are any member of this household use any **tractor** for ploughing during the 1994/95 agricultural season?
 1 Yes 2 No (-> go to **Section 12**)

hplou4a ____ What was the source of the **tractor** that you used for ploughing?
 1 Own 2 Borrowed 3 Rented 4 Other - specify

hplou4b ____ In which month was the **tractor** first available to you for ploughing?

SECTION 12: Miscellaneous

Repair

hmisc1 ____ Kwacha paid to repair own equipment and/or implements

hmisc2 ____ Kwacha paid to repair rented and/or hired equipment and/or implements

Hire

hmisc3 ____ Kwacha paid to hire and/or rent equipment and/or implements

Miscellaneous farm expenditure

hmisc4 ____ Kwacha paid to transport crops to market

hmisc5 ____ Kwacha paid to transport livestock to market

Other farm expenditure

hmisc6 ____ Other farm expenditure (specify)

hmisc7 ____ Other farm expenditure (specify)

Input Supply Situation

Agricultural Credit:

hcred1a ____ Agricultural Credit - timely 1 Yes
hcred1b ____ Agricultural Credit - late 1 Yes
hcred1c ____ Agricultural Credit - adequate 1 Yes
hcred1d ____ Agricultural Credit - inadequate 1 Yes
hcred1e ____ Agricultural Credit - other 1 Yes

Hybrid maize seed:

hinput1a ____ Hybrid maize seed - timely 1 Yes
hinput1b ____ Hybrid maize seed - late 1 Yes
hinput1c ____ Hybrid maize seed - adequate 1 Yes
hinput1d ____ Hybrid maize seed - inadequate 1 Yes
hinput1e ____ Hybrid maize seed - other 1 Yes

Basal dressing (fertilizer):

hinput2a ____ Basal dressing (fertilizer) – timely 1 Yes
hinput2b ____ Basal dressing (fertilizer) - late 1 Yes
hinput2c ____ Basal dressing (fertilizer) - adequate 1 Yes
hinput2d ____ Basal dressing (fertilizer) - inadequate 1 Yes
hinput2e ____ Basal dressing (fertilizer) - other 1 Yes

Top dressing (fertilizer):

hinput3a ____ Top dressing (fertilizer) – timely 1 Yes
hinput3b ____ Top dressing (fertilizer) - late 1 Yes
hinput3c ____ Top dressing (fertilizer) – adequate 1 Yes
hinput3d ____ Top dressing (fertilizer) - inadequate 1 Yes
hinput3e ____ Top dressing (fertilizer) - other 1 Yes

SECTION 13: Extension, Research and Information Services

hinfo1 ____ Did you or any other member of this household attend any course at a farmers' training centre or at a farm institute or any other agricultural institution in the last 3 years?
 1 Yes 2 No

hinfo2 ____ Is anybody in this household a member of the radio farm forum?
 1 Yes 2 No

hinfo3 ____ Do you have access to a radio?
 1 Yes 2 No (-> go to **hinfo6**)

hinfo4 ____ Do you or any other member of this household listen to any agricultural programme on the radio?
 1 Yes 2 No (-> go to **hinfo6**)

Which of these programmes do you listen to ?

- hinfo5a** ____ Radio Farm Forum 1 Yes
- hinfo5b** ____ Farmer's Notebook 1 Yes
- hinfo5c** ____ Farm Magazine 1 Yes
- hinfo5d** ____ Rural Notebook 1 Yes

hinfo6 ____ How many times did agricultural extension workers visit to advise you during the 1994/95 agricultural season ?
 1 Never 2 Once a week 3 Once a month 4 2-3 times a month 5 Once in 3 months 6 Once 8 Not applicable

hinfo7 ____ How many times did veterinary extension workers visit to advise you during the 1994/95 agricultural season ?
 1 Never 2 Once a week 3 Once a month 4 2-3 times a month 5 Once in 3 months 6 Once 8 Not applicable

hinfo8 ____ Is the advice given by the extension worker relevant to you?
 1 Yes 2 No

hinfo9 ____ Are there particular agricultural problems that you would like more advice on from an extension worker?
 1 Yes 2 No (-> go to **hinfo11**)

Which problems in agriculture would you like more advice on from an extension worker?

- hinfo10a** ____ Pests and diseases 1 Yes
- hinfo10b** ____ Animal husbandry 1 Yes
- hinfo10c** ____ Crop husbandry 1 Yes
- hinfo10d** ____ Crop storage 1 Yes
- hinfo10e** ____ Market information 1 Yes
- hinfo10f** ____ Other – specify 1 Yes

hinfo11 ____ Are you registered with a primary co-operative society?
 1 Yes 2 No (-> **END INTERVIEW**)

Why are you not registered?

- | | | | |
|-----------------|-------|-----------------|-------|
| hinfo12a | _____ | Does not exist | 1 Yes |
| hinfo12b | _____ | Non-beneficial | 1 Yes |
| hinfo12c | _____ | Not aware of it | 1 Yes |
| hinfo12d | _____ | Other - specify | 1 Yes |

END INTERVIEW

Table 4 (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 in 94/95? | How many of this asset did you own today? | Did you purchase/barter into your possessions any of this asset during the period 10/1/94 - 9/30/95? | 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 purchase / barter any used asset during the period 10/1/94 - 9/30/95 | How many of this used asset did you purchase/barter into your possession | What was the value of these used assets purchased/ bartered into your possession (include value of items bartered for)? |
|--------------------------|--|---|--|--|---|--|--|---|
| asset | ast1 | ast3 | ast5 | ast6a | ast7a | ast15 | ast15a | ast16a |
| 1 Cultivator | 1 Yes 2 No | | 1 Yes 2 No | number | in cash (Kwacha) | 1 Yes 2 No | number | in cash (Kwacha) |
| 2 Planter | | | | | | | | |
| 3 Ridger-Plough | | | | | | | | |
| 4 Ox-cart | | | | | | | | |
| 5 Sledge | | | | | | | | |
| 7 Other | | | | | | | | |
| 21 Draught animal | | | | | | | | |
| 22 Animal powered plough | | | | | | | | |
| 23 Animal drawn harrow | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Type of asset | Did you sell or barter any of this asset during the period 10/1/94 - 9/30/95? | How many of this asset did you sell or barter? | How much money did you realize from the cash/ barter sale of this asset? |
|--------------------------|---|--|--|
| ASSET | ast13 | ast13a | ast14a |
| 1 Cultivator | 1 Yes 2 No | | (Kwacha) |
| 2 Planter | | | |
| 3 Ridger-Plough | | | |
| 4 Ox-cart | | | |
| 5 Sledge | | | |
| 7 Other | | | |
| 21 Draught animal | | | |
| 22 Animal powered plough | | | |
| 23 Animal drawn harrow | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

END OF TABLES