

Questionnaire Number for Data
Entry Office Use Only

GENERAL CODES:

-7 = NOT APPLICABLE -9 = DON'T KNOW

EVALUATION OF THE ANCHOR FARM PROJECT

HOUSEHOLD QUESTIONNAIRE

SECTION A. HOUSEHOLD IDENTIFICATION

| | | |
|---|--|--|
| A1. DISTRICT (DOWA = 1 ; KASUNGU = 2) | | |
| A2. EPA (CHIBVALA = 1; MTUNTHAMA=2) | | |
| A3. NAME OF GROUP VILLAGE HEAD | | |
| A4. PLACE/VILLAGE NAME & ID: | | |
| A5. VILLAGE TYPE (1=TREATMENT, 2 = CONTROL) | | |
| A6. HOUSEHOLD ID (FROM LIST): | | |
| A7. DATE OF VISIT (DD/MM) | | |
| A8. TIME INTERVIEW STARTED (HR/MIN): | | |
| A9. TIME INTERVIEW ENDED (HR/MIN): | | |
| A10. INTERVIEWER NAME & ID: | | |
| A11. CHECKED BY (SUPERVISOR NAME & ID): | | |
| A.12 FINAL CHECK BY: | | |

Note to Enumerators: When requesting to interview someone in the household, please use the following script to obtain an interview:
Good day. My name is _____ from Wadonda Consult Ltd in Zomba and I am working on a research project with Bunda College in Lilongwe. I do not represent the government of Malawi or any other political party. We are studying the experiences of farmers in producing and selling their crops in the Kasungu and Dowa districts of Malawi. For these reasons, we would like to speak to the primary person in charge of agricultural production and decisionmaking for this household. Then obtain oral consent following the consent letter.

A13. ORAL CONSENT OBTAINED? 1 = YES
2 = NO

A14. NAME OF HOUSEHOLD HEAD: _____
FIRST NAME *SURNAME/FAMILY NAME*

ID FROM ROSTER

A15. NAME OF RESPONDENT: _____
FIRST NAME *SURNAME/FAMILY NAME*

ID FROM ROSTER

| <p>Note to Enumerators: Read the following to the respondent and write down the information accordingly.</p> <p>First, give me the names of all the members of your <u>immediate family</u> who normally live and eat their meals together here.</p> <p>WRITE DOWN NAMES, SEX, AND RELATIONSHIP TO RESPONDENT.</p> | Member's number | B1. What is the person's name? [FIRST NAME, SURNAME] | B2. What's [NAME]'s relationship to the respondent? 1 = SELF 2 = WIFE/HUSBAND 3 = CHILD 4 = BROTHER / SISTER 5 = PARENT 6 = AUNT/UNCLE 7 = GRANDPARENT 8 = OTHER RELATIVE 9 = UNRELATED | B3. Is [NAME] male or female? 1 = MALE 2 = FEMALE | B4. How old is [NAME]? | B5. What is [NAME]'s current marital status? 1 = NEVER BEEN MARRIED 2 = MARRIED MONOGAMOUS 3 = MARRIED POLYGAMOUS 4 = SEPARATED 5 = DIVORCED 6 = WIDOWED | B6. Has [NAME] ever attended school or any type of classes? 1 = YES 2 = NO >> B8 | B7. What is the highest level of education [NAME] has completed? [USE CODES BELOW] | B8. If 6 years old or over, what is the primary activity [NAME] partakes in over the course of the last 12 months? [USE CODES BELOW] | B9. If 6 years old or over, what is the secondary activity [NAME] partakes in over the course of the last 12 months? [USE CODES BELOW] |
|--|-----------------|--|--|---|------------------------|--|--|---|---|---|
| | | 1 | | | | | | | | |
| <p>Then, give me the names of any <u>other persons related to you or other household members</u> who normally live and eat their meals together here.</p> | 2 | | | | | | | | | |
| | 3 | | | | | | | | | |
| <p>Are there any other persons not here now who normally live and eat their meals here? For example, household members studying elsewhere or traveling.</p> | 4 | | | | | | | | | |
| | 5 | | | | | | | | | |
| <p>Then, give me the names of any <u>other persons not related to you or other household members</u>, but who normally live and eat their meals together here, such as servants, lodgers, or other who are not relatives.</p> | 6 | | | | | | | | | |
| | 7 | | | | | | | | | |
| | 8 | | | | | | | | | |
| <p>DO NOT LIST SERVANTS WHO HAVE A HOUSEHOLD ELSEWHERE, AND GUESTS WHO ARE VISITING TEMPORARILY AND HAVE A HOUSEHOLD ELSEWHERE.</p> | 9 | | | | | | | | | |
| | 10 | | | | | | | | | |
| | 11 | | | | | | | | | |
| | 12 | | | | | | | | | |
| | 13 | | | | | | | | | |

CODES FOR B7
 0 = NONE
 1 = PRE-SCHOOL/NURSERY
 2 = ADULT LITERACY
 3 = STANDARD 1 - 5
 4 = STANDARD 6 - 8
 5 = FORM 1 - 2
 6 = FORM 3 - 4
 7 = SOME TERTIARY

CODES FOR B8 & B9
 1 = SCHOOL
 2 = HOUSEHOLD ACTIVITIES
 3 = AGRICULTURAL ACTIVITIES ON FARM
 4 = BUSINESS ACTIVITIES
 5 = WAGE EMPLOYMENT - PRIVATE COMPANY / INDIVIDUAL
 6 = WAGE EMPLOYMENT - GOVT/STATE OWNED ENTERPRISE
 7 = MASAF/PUBLIC WORKS PROGRAM
 8 = GANYU ON FARM
 9 = GANYU NON-FARM
 10 = NONE

C1. Are you or is someone in your household a member of any groups, organizations, or associations? If farmer mentions about CDI/Anchor Farm group membership and name this "CDI Group"

1 = YES
2 = NO >> C11

| Group number | Member ID (FROM ROSTER) | Name of organization | C2. Type of organisation (USE CODES) | C3. Does this person hold a leadership position? 1 = YES 2 = NO | C4. How useful is this group to your household? 1 = VERY USEFUL 2 = USEFUL 3 = NOT USEFUL | C5. CONFIRM THAT RESPONDENT BELONGS TO ORGANISATION 1 = YES 2 = NO | C6. How often did the group usually meet in the past year? [USE CODE FOR FREQUENCY] | C7. How did the group usually make decisions in the past year? [USE CODE FOR DECISION] | C8. Overall, in your view, how effective is the group's leadership? [USE CODE FOR LEADERSHIP] | C9. How strongly do you agree with the following statement: "I am able to express my views at group meetings" [USE CODES FOR AGREE] | C10. How strongly do you agree with the following statement: "I am able to influence the views of others at group meetings" [USE CODE FOR AGREE] |
|--------------|-------------------------|----------------------|--------------------------------------|---|--|--|---|--|---|---|--|
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |

ONLY ASK C6 - C10 IF 'YES' IN C5

CODE FOR C2 - TYPE OF ORGANISATION

1 = FARMER'S GROUP
2 = COOPERATIVE
3 = TRADERS' ASSOCIATION.
4 = PROFESSIONAL ASSOCIATION
5 = TRADE UNION
6 = CREDIT/FINANCE GROUP
7 = WATER/WASTE GROUP
8 = NGO
9 = RELIGIOUS GROUP
10 = CULTURAL ASSOCIATION
11 = POLITICAL GROUP
12 = YOUTH GROUP
13 = WOMEN'S GROUP
14 = PARENT GROUP
15 = SCHOOL COMMITTEE
16 = HEALTH COMMITTEE
17 = SPORTS GROUP
18 = OTHER

CODES FOR FREQUENCY IN C6

1 = MORE THAN ONCE/WEEK
2 = AT LEAST ONCE/WEEK
3 = AT LEAST TWICE/MONTH
4 = AT LEAST ONCE/MONTH
5 = LESS THAN ONCE/MONTH
6 = NEVER
-9 = DON'T KNOW

CODES FOR DECISION IN C7

1 = THE LEADER DECIDES AND INFORM THE OTHER GROUP MEMBERS
2 = THE LEADER ASKS GROUP MEMBERS WHAT THEY THINK AND THEN DECIDES
3 = THE GROUP MEMBERS HOLD A DISCUSSION AND DECIDE TOGETHER.
4 = OTHER (NO NEED TO SPECIFY)

CODES FOR LEADERSHIP IN C8

1 = VERY EFFECTIVE
2 = SOMEWHAT EFFECTIVE
3 = NOT EFFECTIVE AT ALL
-9 = DON'T KNOW

CODES FOR AGREE IN C9 & C10

1 = STRONGLY AGREE
2 = AGREE
3 = NEITHER AGREE NOR DISAGREE
4 = DISAGREE
5 = STRONGLY DISAGREE
-9 = DON'T KNOW

C11 How often do you make trips to the following places (referring to the last year)

| | CODE [FREQUENCY] |
|---|------------------|
| a) Neighboring Village [Specify -----] | |
| b) Nearest Trading Centre [Specify -----] | |
| c) District Capital [Dowa or Kasungu] | |

CODES FOR FREQUENCY IN C11

1 = MORE THAN ONCE/WEEK
 2 = AT LEAST ONCE/WEEK
 3 = AT LEAST TWICE/MONTH
 4 = AT LEAST ONCE/MONTH
 5 = LESS THAN ONCE/MONTH
 6 = NEVER

C12 How often do you get information from the following sources about agriculture (referring to the last year)

| | CODE [HOW OFTEN] |
|----------------------------------|------------------|
| a) Television | |
| b) NGOs and Education Institutes | |
| c) Newspaper & Magazines | |
| d) Radio | |
| e) Agrodealers and traders | |
| f) Internet | |
| g) Government Extension Agents | |

CODES FOR HOW OFTEN IN C12

1 = VERY OFTEN
 2 = OFTEN
 3 = SOMETIMES
 5 = NEVER

C13 Have you ever heard of CDI/Clinton or the Anchor Farm Project? 1 = YES
 2 = NO >> C16

C14 When did you first hear about this? [Week/Month/Year]

| | | |
|---|----|------|
| W | MM | YYYY |
|---|----|------|

CODES FOR WEEK IN C14

1 = FIRST
 2 = SECOND
 3 = THIRD
 4 = FOURTH

C15 From whom did you first hear about this?

CODES FOR C15

1 = FELLOW FARMER IN VILLAGE
 2 = LEAD FARMER IN THE VILLAGE (OR HEAD LEAD FARMER)
 3 = LEAD FARMER OUTSIDE OF THE VILLAGE (OR HEAD LEAD FARMER)
 4 = GOVERNMENT EXTENSION AGENT
 5 = CDI OFFICER
 6 = RELATIVE
 7 = OTHER (SPECIFY) _____

C.16 List the three individuals who are most important to you in terms of receiving information about agriculture

| Individual Name [FIRST NAME, SURNAME] | Relation / position (USE CODE) | Household ID, if applicable |
|---------------------------------------|--------------------------------|-----------------------------|
| | | |
| | | |
| | | |

RELATION /POSITION CODE

1= FELLOW FARMER IN VILLAGE
 2 = LEAD FARMER IN VILLAGE
 3 = LEAD FARMER OUTSIDE OF VILLAGE
 4 = GOVERNMENT EXTENSION AGENT
 5 = AGRO INPUT DEALER
 6 = OTHER (SPECIFY) _____

Enumerator note: Question C17 - C20 is only to be asked in the Treatment Villages to both group members and non-group members. Confirm: Is this a treatment village?

1 = YES
 2 = NO >> **NEXT MODULE**

COMPLETE FOR ENTIRE LIST OF GROUP MEMBER NAMES

I would like to ask you about your relationships with some of the people in this village.

| HH ID | Name (Populate with list of group members who are members of the group sampled in this village) IF PERSON DOES NOT RECOGNISE FORMAL NAME, PROMPT FOR NICKNAME AS WELL | C17. Do you know who this person is? 1 = YES 2 = NO >> NEXT PERSON | C18. Have you asked this person for advice about your farm in the last year? 1 = YES 2 = NO | C19. Could you approach this person if you had a question about farming? 1 = YES 2 = NO | C20. Would you trust this person to look after a valuable item for you? 1 = YES 2 = NO |
|-------|---|---|---|---|--|
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Definition of field: a continuous area of land. List all the fields: (a) owned in 13-14 (even if not cultivated) and (b) cultivated in 13-14 (even if not owned). First list the Munda fields, then the Dimba fields. If a field is used as both Munda and Dimba indicate this as code 3.

| Field Number | TYPE 1 = MUNDA 2 = DIMBA 3 = BOTH MUNDA & DIMBA | F1. What is the fields' name? (e.g. can refer to location or property) | F2. What is the total field area? Indicate units in right side column | | F3. What is the proportion of this field that can be cultivated (in percentage). E.g., some fields have trees and rocks due to which a part of the field remains uncultivated year after year. | F4. What is the ownership status? 1 = OWN LAND 2 = RENTED IN >> F8 3 = LEASED >> F8 4 = COMMUNAL LAND | F5. How did your household acquire this field? 1 = GRANTED BY LOCAL LEADERS 2 = INHERITED 3 = BRIDE PRICE 4 = PURCHASED 5 = MOVED IN WITHOUT PERMISSION |
|--------------|--|--|---|--|---|---|--|
| | | | AREA | UNIT CODE 1 = HECTARE 2 = ACRE 3 = SQUARE METRES 4 = OTHER (SPECIFY) | | | |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |

F. LAND HOLDING

Questionnaire number: |___|_|_|_|_|_|_|_|_|

| Field Number | F6. What would you consider to be the sale value of this field? (in K) | F7. What would be the yearly rental value of this field (in K) GO TO F10 | F8. What is the rental rate? (in K for the season or in share of the output) INDICATE UNITS (K or % of output) <u>UNIT CODE</u> 1 = KWACHA 2 = % (PERCENT) | VALUE | UNIT CODE | F9. When is the rent paid? 1 = BEFORE THE SEASON 2 = AFTER THE SEASON | F10. What is the predominant soil texture of this field? 1 = SANDY 2 = CLAY (LOAM) 3 = MIXED SOIL (SANDY CLAY LOAM) 4 = OTHER (SPECIFY) | F11. What is the soil depth of this field in meters? (this is the depth when you would encounter hard rock). If unlimited, write 999. | | F12. What is the soil fertility of this field? 1 = VERY POOR 2 = SOMEWHAT POOR 3 = AVERAGE 4 = SOMEWHAT GOOD 5 = VERY GOOD | | F.13 In the last five years, has the soil fertility of this field: <i>[READ OUT OPTIONS]</i> 1 = IMPROVED A LOT 2 = IMPROVED A LITTLE 3 = STAYED THE SAME 4 = BECAME WORSE A LITTLE 5 = BECAME WORST A LOT |
|--------------|--|--|--|-------|-----------|---|---|---|--|---|--|---|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |

| Field Number | F14. Does this field suffer from soil degradation in form of [.....]? 1 = YES 2 = NO | | | | | F15. What is the walking distance from your house to the field? | | F16. Do you pass by on a weekly basis when traveling to a destination other than your field? 1 = YES 2 = NO | F17. Is this plot next to a village path or road? 1 = YES 2 = NO | F18. Who makes most decisions related to this field? (USE CODE FROM HH ROSTER) Multiple answers possible | | | F19. What was the cultivated area in 2013/14 season? <u>UNIT CODE</u> 1 = HECTARE 2 = ACRE 3 = SQUARE METRES 4 = OTHER (SPECIFY) | |
|--------------|--|--------------------|---------------|------------------|-------------|---|---------|---|--|---|-----|-----|---|-----------|
| | Soil erosion | Nutrient Depletion | Water logging | Salinity/acidity | Specify ... | Hours | Minutes | | | 1ST | 2ND | 3RD | AREA | UNIT CODE |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |

GO TO PLOT QUESTIONNAIRES

Enumerator instructions: Using the input/output questionnaires, add the harvested amounts per crop. List these - by crop - in column H1 and H2. Then ask the respondent about what he is planning to do and has already been done with the harvested amount for each crop. Note that each sales occasion gets a new line on the second page.

| H1. Crop name | H2. Harvested amount | | H3. How is the crop stored? 1 = OPEN AIR 2 = COVERED SPACE 3 = COVERED AND OFF THE GROUND | H4. Amount lost after harvest to date, e.g. due to storage problems | | H5. Amount already consumed (including gifts to other) | | H6. Amount already sold | | H7. Do you have any stocks remaining? 1 = YES 2 = NO >> H10 | H8. Amount planning to sell of remaining stock. | | H9. Amount planning to consume of remain stock | | H10. How did you/do you plan to use own consumption? Multiple answers are possible | | |
|---------------|----------------------|-----------|--|---|-----------|--|-----------|-------------------------|-----------|---|---|-----------|--|-----------|--|-----------|-----|
| | AMOUNT | UNIT CODE | | AMOUNT | UNIT CODE | AMOUNT | UNIT CODE | AMOUNT | UNIT CODE | | AMOUNT | UNIT CODE | AMOUNT | UNIT CODE | AMOUNT | UNIT CODE | 1ST |
| | | | | | | | | | | | | | | | | | |
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Take one line for each time the farmer sold a crop. When finished with one crop, move on to the next crop.

| H11. Crop name | H12. When did you sell? (Week / Month) (USE CODES) | | H.13 Did you sell in group or by yourself? 1 = SELF 2 = GROUP | H14. Where did you sell? (SEE CODES BELOW) - multiple answers are possible | | H.15 How much did you sell? UNIT CODE 1 = KG 2 = 50 KG BAG 3 = 75 KG BAG 4 = 90 KG BAG 5 = BALE 6 = 20 L PAIL 7 = BASIN 8 = BASKET 9 = OX-CART | | H16. Total Sales (Malawian Kwacha) |
|----------------|---|----|---|--|-----|---|-----------|------------------------------------|
| | WK | MM | | 1ST | 2ND | AMOUNT | UNIT CODE | |
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CODES FOR WEEK IN H12
1 = FIRST
2 = SECOND
3 = THIRD
4 = FOURTH

CODES FOR MONTH IN H1
1 = JANUARY
2 = FEBRUARY
3 = MARCH
4 = APRIL
5 = MAY
6 = JUNE
7 = JULY
8 = AUGUST
9 = SEPTEMBER
10 = OCTOBER
11 = NOVEMBER
12 = DECEMBER

CODES FOR H14
1 = FARMER IN THE VILLAGE
2 = TRADER / COMMISSION AGENT WHO CAME TO / LIVES IN THE VILLAGE
3 = NGO WHO CAME TO THE VILLAGE
4 = ADMARC
5 = PRIVATE TRADER / COMMISSION AGENT IN NEARBY TOWN
6 = NGO IN NEARBY TOWN

CODES FOR H.19
1 = MALE
2 = FEMALE
3 = TRUCK
4 = TRACTOR
5 = CAR
6 = BULLOCK CART
7 = OTHER (SPECIFY)

H.17 Were there costs associated with marketing your crops, including own labour? (if two crops marketing together, state Maize + Beans)

1 = YES
2 = NO >> H.21 AND RECORD CROP NAME IN H18

| H18. Crop name | H19. Indicate the type of labor & services (USE CODES) | H 20. Hired Labour Units | | H 21. Own Labour Units | | H22. Total cost in Malawi Kwacha |
|----------------|--|--------------------------|---------------------|------------------------|---------------------|----------------------------------|
| | | People | Days (half day=0.5) | People | Days (half day=0.5) | |
| | | | | | | |
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H.23 Did you receive any subsidies or other type of aid to pay for inputs in 2013-14? [even if the respondent did not use the subsidy/aid, list it here]

1 = YES
2 = NO >> H.28

| H.24 Crop Name | H.25 Which input? [Use question number of I/O] | H.26 How was this subsidy given to you? [USE CODES] | H.27 How much subsidy or any type of aid did you receive and what was your contribution? (such as 2 5 KG bags). Make sure to note the unit. | | |
|----------------|--|---|---|------|--------------------------|
| | | | VALUE/AMOUNT | UNIT | FARMER CONTRIBUTION (MK) |
| | | | | | |
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CODES FOR H.24
1 = VOUCHER
2 = CASH
3 = INPUT MATERIAL
4 = REDUCED PRICE
5 = OTHER (SPECIFY)

CODES FOR WEEK
1 = FIRST
2 = SECOND
3 = THIRD
4 = FOURTH

CODES FOR MONTH
1 = JANUARY
2 = FEBRUARY
3 = MARCH
4 = APRIL
5 = MAY
6 = JUNE
7 = JULY
8 = AUGUST
9 = SEPTEMBER
10 = OCTOBER
11 = NOVEMBER
12 = DECEMBER

H28. Did you take any loans in 2013-14?

1 = YES
2 = NO >> H39

List the loans, one by one.

| H29. What was the main purpose of the loan? (USE CODES) | H30. Crop Name | H31. Which input? [Use question number of I/O] | H32. Amount borrowed (in K) | H33. Date borrowed (W/M/Y) (USE CODES FOR WEEK AND MONTH) | | | H34. Source of the loan (USE CODES) | H35. Date due to repay or repaid (W/M/Y) (USE CODES FOR WEEK AND MONTH) | | | H36. What is the interest rate per year? | | H37. How much are you due to repay or should you have repaid? KWACHA | H38. Have you or are you planning to repay the loan in full? 1 = YES 2 = NO |
|---|----------------|--|-----------------------------|---|----|------|-------------------------------------|---|----|------|--|--------|--|---|
| | | | | W | MM | YYYY | | W | MM | YYYY | RATE | PERIOD | | |
| | | | | | | | | | | | | | | |
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1 = AGRICULTURAL INPUTS
2 = PURCHASE CAPITAL >> H32
3 = CONSUMPTION >> H32
4 = HEALTH >> H32
5 = OTHER (SPECIFY) >> H32

PERIOD CODE
1 = MONTH
2 = 3 MONTHS
3 = 6 MONTHS
4 = YEAR (12 M)
5 = OTHER (SP)

H39. If, this cropping season, you would have decided you would like credit to purchase inputs, where would you go? (USE CODES)

CODES FOR SOURCE OF LOAN IN H34 & H.39
1 = FRIEND/RELATIVE
2 = VILLAGE SAVINGS & LOAN GROUP
3 = MICROCREDIT LENDER
4 = BANK
5 = OTHER (SPECIFY)

H40. How likely are you to receive the credit from this source? (USE CODES)

1 = VERY LIKELY
2 = SOMEWHAT LIKELY
3 = UNLIKELY

Enumerator instructions Read the following script. Imagine that you would cultivate **maize** this coming year (2014/15), and imagine maize would be the only crop on the field, so no other crops are present.

MAIZE

J1. How much maize do you think you would harvest on one acre of land?

[Unit: bags of 50 kg, specify shelled or unshelled]

NUMBER OF 50 KG BAGS

1 = SHELLED
2 = UNSHELLED

J2. On which field are you most likely to plant this maize?

[Use field number code from landholding]

NUMBER OF 50 KG BAGS

1 = SHELLED
2 = UNSHELLED

J3. On that field that you just mentioned, how much maize, in total, would you harvest?

(again, there is only maize on the field)

[Unit: bags of 50 kg, specify shelled or unshelled]

Note to enumerators: note that the number mentioned in 3, divided by the acreage in 2 should be 1. However, there is no need to insist on this. We included this question to see whether the respondent themselves can do the computation correctly. So just write down the respondent's answer as is.

Enumerator instructions Read the following script. Imagine that you would cultivate **soy bean** this coming year (2014/15), and imagine soy would be the only crop on the field, so no other crops are present.

SOY BEAN

J4. How much soy bean do you think you would harvest on one acre of land?

[Unit: In bags of 50 kg, shelled]

NUMBER OF 50 KG BAGS

J5. On which field are you most likely to plant this soy bean?

[Use field number code from landholding]

NUMBER OF 50 KG BAGS

J6. On that field that you just mentioned, how much soy bean, in total, would you harvest?

(again, there is only soy on the field)

[Unit: In bags of 50 kg, shelled]

Enumerator instructions Read the following script. Imagine that you would cultivate **groundnut** this coming year (2014/15), and imagine maize would be the only crop on the field, so no other crops are present.

GROUNDNUT

J7. How much groundnut do you think you would harvest on one acre of land?

[Unit: In bags of 50 kg, unshelled, dried]

NUMBER OF 50 KG BAGS

J8. On which field are you most likely to plant this groundnut?

[Use field number code from landholding]

NUMBER OF 50 KG BAGS

J9. On that field that you just mentioned, how much groundnut, in total, would you harvest?

(again, there is only groundnut on the field)

[Unit: In bags of 50 kg, unshelled, dried]

Enumerator instructions: Read the following script. Now, we will ask you an imaginary question. Even though the question is imaginary, we'd like you to think about it carefully, as if the choice was real. There are no correct or incorrect answers. The answers are your just own personal views.

How much maize did you harvest last year? [in 50 kg bags]

There is no need to record the answer. If the respondent did not harvest maize last year, ask him/her to cite what a normal yield of maize is

For how much acre was this [in acre]?

Again, there is no need to record the answer

Continue the script:

Thus on your field(s), you obtained [COMPUTE USING ANSWERS ABOVE] X bags per acre. Now imagine that there is a new technology out there. This technology will cost you now but will yield you benefits in 3 years from now. This technology will give you, using - apart from the new technology - exactly the same farming practices you are using now (meaning same fertilisers, weeding, planting), 80 bags/acre. However, this will only happen in 3 years from now (and all the years after that). Imagine a company representative comes to the village and offers you to purchase this new technology. How much are you willing to pay today to have purchase this new technology?

Enumerator: Please **read out** Malawi Kwacha figures from HIGH to LOW

| |
|-------------------------|
| 1 = YES >> NEXT SECTION |
| 2 = NO |

- K.1. Are you willing to pay? 100,000 Malawi Kwacha
- 90,000 Malawi Kwacha
- IF 'NO', CONTINUE TO THE 80,000 Malawi Kwacha
- NEXT LINE 70,000 Malawi Kwacha
- 60,000 Malawi Kwacha
- 50,000 Malawi Kwacha
- 40,000 Malawi Kwacha
- 30,000 Malawi Kwacha
- 20,000 Malawi Kwacha
- 10,000 Malawi Kwacha
- 5,000 Malawi Kwacha
- 0 Malawi Kwacha

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Now, I would like to ask you about past farming activities.

Q1.

| | |
|--|-------------------|
| Have you used any of the following methods of land preparation in the past 5 years? | |
| | [Yes = 1, No = 2] |
| 1 No tillage | |
| 2 By Hands/hoe | |
| 3 Ploughing with Animals | |
| 4 Mechanized | |
| 5 Other (Specify) _____ | |

Q2

| | |
|--|-------------------|
| Have you used any of the following soil conservation methods in the last 5 years? | |
| | [Yes = 1, No = 2] |
| 1 Grass Strips | |
| 2 Ridges | |
| 3 Bench Terraces | |
| 4 Drainage Channels | |
| 5 Water Catchment | |
| 6 Other (Specify) _____ | |

Q3.

| | |
|--|-------------------|
| Have you used any of the following methods to improve soil fertility in the past 5 years? | |
| | [Yes = 1, No = 2] |
| 1 Crop residue | |
| 2 Animal Manure | |
| 3 Inorganic Fertilizer | |
| 4 Natural Fallow | |
| 5 Improved Fallow | |
| 6 Legume Covercrop | |
| 7 Compost | |
| 8 Intercropping | |
| 9 Crop rotation | |
| 10 Other (specify) _____ | |

Q4A.

| | |
|---|-------------------|
| Have you planted any of the following legumes in the past 5 years? | |
| | [Yes = 1, No = 2] |
| 1 Soybean | |
| 2 Pigeonpea | |
| 3 Groundnut | |
| 4 Common bean | |
| 5 Other (Specify) _____ | |

Q4B.

| | |
|--|-------------------|
| Have you planted any of the following soil fertility enhancing trees in the past 5 years? | |
| | [Yes = 1, No = 2] |
| 1 Tephrosia | |
| 2 Gliricidia | |
| 3 Sesbania | |
| 4 Other (Specify) _____ | |

Q5.

| | |
|--|-------------------|
| Have you used any of the following pesticides/herbicides in the past 5 years? | |
| | [Yes = 1, No = 2] |
| 1 Insecticide | |
| 2 Herbicide | |
| 3 Fungicide | |
| 4 Fumigant | |
| 5 Other (Specify) _____ | |

We would like to ask you about how you and others learn, discover, and adopt new agricultural technologies.

Q6 In the last two growing seasons, have you tried to learn about a new farming technology through experimentation on one of your own plots?

1 = Yes 2 = No

If no in Q6, Go to Q 17 Q7. How many of these kinds of experiments have you conducted on your plot in the last two growing seasons?

AMOUNT

[IF THE ANSWER TO Q7 WAS MORE THAN 1, SAY:] Now, I would like you to think about the most recent experiment.

| Question | Code | | |
|--|--|------|----|
| Q8 Is this experiment associated with a technology you heard about somewhere else (1), or is it something you were curious to try upon making observations and thinking of ways you might improve your field on your own (2)? [IF 2 GO TO Q11] | Heard Somewhere Else...1 Own Curiosity.....2 | | |
| Q9 When did you first hear of this technology? | YEAR/MONTH (YYYY/MM) | YYYY | MM |
| Q10 From whom/where did you first hear about this technology [LIST CHOICES FROM CODE COLUMN FOR THIS QUESTION]? | RADIO.....1 FARMER FROM VILLAGE....4 GOV EXTENSION AGENT.....2 FARMER OUTSIDE VILLAGE..5 NGO EXTENSION AGENT.....3 OTHER.....6 (SPECIFY) _____ | | |
| Q11 When did you first start this experiment? | YEAR/MONTH (YYYY/MM) | YYYY | MM |
| Q12 This new technology relates to [LIST CHOICES FROM CODE COLUMN FOR THIS QUESTION]: | SOIL IMPROVEMENT.....1 FARM ORG/MGMT.....5 SEED IMPROVEMENT.....2 PLANTING TECHNIQUE.....6 HERBICIDE/PESTICIDE.....3 OTHER.....7 FERTILIZER USAGE.....4 (SPECIFY) _____ | | |
| Q13 What percent of your total cultivation area employed this experiment? | PERCENTAGE.....[1-100] DON'T KNOW.....-9 | | |
| Q14 When you were doing this experiment, did you talk about it with other people [LIST CHOICES USING CODE ON RIGHT]? | DID NOT TALK ABOUT IT.....0 TALKED WITH LESS THAN 5 PEOPLE....1 TALKED WITH MORE THAN 5 AND LESS THAN 10 PEOPLE..2 TALKED WITH MORE THAN 10 PEOPLE..3 | | |
| Q15 Does this technology require purchase of new inputs each season or were inputs available on farm [LIST CHOICES FROM CODE COLUMN FOR THIS QUESTION]? | PURCHASED INPUTS.....1 INPUTS AVAILABLE WITHOUT PURCHASE ON FARM...2 DON'T KNOW.....-9 | | |
| Q16 What percent of your cultivation area do you plan to employ this method next season? | PERCENTAGE.....[1-100] WILL NOT USE THIS TECHNIQUE NEXT SEASON..0 DON'T KNOW.....-9 | | |

We would like to ask you about future plans you have for your farm.

Q17 Have you made your cropping pattern decision for next year already (2014-2015)? (1 = Yes, 2 = No)

Q18 When do you usually make your decisions for the next season? (MONTH - MM)

Q19 Are you planning any new techniques or crops next season that you haven't used before? (1 = Yes, 2 = No)

| Item | Code | R1. Do you own the following functioning assets? 1 = YES 2 = NO >> NEXT | R2. If 'YES', what's the number owned (functioning) | R3. If you were to sell these item(s) today, how much do you think you could get for it/them? (Kwacha) |
|--|------|---|---|--|
| Household Items | | | | |
| Radio | 101 | | | |
| Television (TV) | 102 | | | |
| Cell phone/ mobile telephone | 103 | | | |
| Non-mobile telephone | 104 | | | |
| Watch | 105 | | | |
| Refridgerator | 106 | | | |
| Other household item [_____] | 107 | | | |
| Transportation Items | | | | |
| Bicycle | 301 | | | |
| Animal-drawn Cart | 302 | | | |
| Wheelbarrow | 303 | | | |
| Motorcycle | 304 | Text | | |
| Tractor | 305 | | | |
| Car/Pick-up/Truck | 306 | | | |
| Boat with motor | 307 | | | |
| Other transport equipment [_____] | 308 | | | |
| Agricultural Items | | | | |
| Buckets | 401 | | | |
| Watering cans | 402 | | | |
| Hand hoe | 403 | | | |
| Well with hand-drawn bucket | 404 | | | |
| Hand pump to lift water | 405 | | | |
| Hand pump sprayer | 406 | | | |
| Windmill/wind-driven crank/shaft | 407 | | | |
| Water wheel, watermill | 408 | | | |
| Grinders | 409 | | | |
| Spade | 410 | | | |
| Shovels | 411 | | | |
| Sickle | 412 | | | |
| Slasher | 413 | | | |
| Rake | 414 | | | |
| Pangas | 415 | | | |
| Axe | 416 | | | |
| Animal-drawn plough | 417 | | | |
| Power Saw | 418 | | | |
| Power Tiller | 419 | | | |
| Water pump (powered) | 420 | | | |
| Maize mill | 420 | | | |
| Mower | 421 | | | |

| Item | Code | R1. Do you own the following functioning assets? 1 = YES 2 = NO >> NEXT | R2. If 'YES', what's the number owned (functioning)? | R3. If you were to sell these item(s) today, how much do you think you could get for it/them? (Kwacha) |
|--------------------------------------|------|---|--|--|
| Livestock | | | | |
| Poultry (guinea fowl, Chicken, duck) | 501 | | | |
| Goats | 502 | | | |
| Sheep | 503 | | | |
| Pigs | 504 | | | |
| Turkeys | 505 | | | |
| Rabbits | 506 | | | |
| Cattle | 507 | | | |
| Donkeys | 508 | | | |
| Others _ List | 600 | | | |

| R4 What are the main materials of the walls of the main house? 1 = GRASS 2 = MUD (YOMATA) 3 = COMPACTED EARTH (YAMDINDO) 4 = MUD BRICK (UNFIRED) 5 = BURNT BRICKS 6 = CONCRETE. 7 = WOOD 8 = IRON SHEETS 9 = OTHER (SPECIFY) | R5 What is the main material of the roof of the main house? 1 = SAND 2 = SMOOTHED MUD 3 = SMOOTH CEMENT 4 = WOOD 5 = TILE 6 = OTHER (SPECIFY) | R6 What are the main materials of the floor of the main house? 1 = GRASS 2 = IRON SHEETS 3 = CLAY TILES 4 = CONCRETE 5 = PLASTIC SHEETING 6 = OTHER (SPECIFY) | R7 What is the main source of energy for lighting? 1 = ELECTRICITY 2 = PARAFFIN 3 = CHARCOAL 4 = FIREWOOD/ GRASS 5 = CANDLES 6 = GAS 7 = BATTERY/ DRY CELL 8 = OTHER (SPECIFY) | R8 How many rooms in this household are used for sleeping? |
|--|--|--|---|---|
| | | | | |

| R9 What is the main source of water for drinking? 1 = PIPED INTO DWELLING 2 = PIPED OUTSIDE DWELLING PERSONAL 3 = COMMUNAL STAND PIPE 4 = PERSONAL HAND PUMP 5 = COMMUNAL HAND PUMP 6 = PROTECTED SPRING 7 = PROTECTED WELL 8 = UNPROTECTED WELL 9 = RIVER/LAKE | R10 What kind of toilet facility does your household use? 1 = FLUSH TOILET 2 = VIP LATRINE 3 = TRADITIONAL LATRINE W/ROOF. 4 = TRADITIONAL LATRINE W/O ROOF 5 = NONE 6 = OTHER (SPECIFY) |
|---|---|
| | |