Module A- Household Identification Coversheet

| # | Question Text | Response |
|-----|--|---------------------------------------|
| ID0 | Enter enumerator ID | |
| ID1 | Enter the household ID | |
| ID2 | Re-enter the household ID | |
| | Confirm the following information: | |
| PL | - Province | |
| PL | - Forum | |
| | - Respondent Name | |
| A01 | Farmer's association | Association List |
| A02 | Association Leader | Leader List |
| A03 | Contact phone number | |
| A04 | Additional contact number (if available) | |
| A05 | GPS Point | |
| A06 | First visit date | / / 2015 |
| | | 1. Complete >> A13 |
| | | 2. Incomplete |
| | | 3. Refused <i>>> A13</i> |
| A07 | First visit outcome | 99. Other, specify |
| A08 | Second visit date | // 2015 |
| | | 1. Complete <i>>> A13</i> |
| | | 2. Incomplete |
| | | 3. Refused <i>>> A13</i> |
| A09 | Second visit outcome | 99. Other, specify |
| A10 | Third visit date | // 2015 |
| | | 1. Complete <i>>> A13</i> |
| | | 2. Incomplete |
| | | 3. Refused <i>>> A13</i> |
| A11 | Third visit outcome | 99. Other, specify |
| | | 1. Complete |
| | | 2. Incomplete |
| | | 3. Refused |
| A12 | Final interview outcome | 99. Other, specify |
| A13 | Supervisor ID | |

Module B- Household Composition and Demographics

| | | B01- Ho | w many peop | le currently | live in this | household? | | | | |
|-----|--------|--|--|-----------------------------|--------------|-----------------|--------|--|--|---|
| | B02- H | ld? | F | Preloaded list | | | | | | |
| | Name | If NOT selected in B02: Why did [NAME] leave the household? | If new member: Why did [NAME] join the household? | Sex 1- Male 2- Female | Age | Age (months) | D.o.B. | Can [NAME] read and/ or write? 1. Cannot read or write 2. Can sign name only 3. Can read only 4. Can read & write | Is [NAME] currently going to school? 1. Yes 0. No | What is the highest level of education that [NAME] has completed? |
| PID | В03 | B04 | B05 | B06 | B07 | B08 | В09 | B10 | B11 | B12 |
| 101 | | | | | | | | | | |
| 102 | | | | | | | | | | |
| 103 | | | | | | | | | | |
| 104 | | | | | | | | | | |
| 105 | | | | | | | | | | |
| 106 | | | | | | | | | | |
| 107 | | | | | | | | | | |
| 108 | | | | | | | | | | |
| 109 | | | | | | | | | | |
| 110 | | | | | | | | | | |
| 111 | | | | | | | | | | |
| 112 | | | | | | | | | | |
| 113 | | | | | | | | | | |
| 114 | | | | | | | | | | |
| 115 | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Module B- Household Composition and Demographics

| | Can [NAME] speak Portuguese? | association? | Does [NAME] have a cell phone number? 1. Yes 0. No | Does [NAME] have a working cell phone? 1. Yes 0. No | How many SIM cards does [NAME] own? | Does [NAME] have a Vodacom cell phone number? 1. Yes 0. No >>B21 | Vodacom number | How frequently does [NAME] use this number? 1. Always 2. Usually 3. Sometimes 4. Rarely 5. Never | Does [NAME] have any other number? 1. Yes 0. No >>Next member | Other number |
|------------|------------------------------------|--------------|---|--|---|---|-------------------|---|--|--------------|
| PID | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | B21 | B22 |
| 101 | | | | | | | | | | |
| 102 | | | | | | | | | | |
| 103 | | | | | | | | | | |
| 104 | | | | | | | | | | |
| 105 | | | | | | | | | | |
| 106 | | | | | | | | | | |
| 107 | | | | | | | | | | |
| 108 | | | | | | | | | | |
| 109 | | | | | | | | | | |
| 110 | | | | | | | | | | |
| 111 | | | | | | | | | | |
| 112 113 | | | | | | | | | | |
| 113 | | | | | | | | | | |
| 115 | | | | | | | | | | |

Module C- Employment and Other Activities

| | Name | During the past 12 months did you have any job or work outside your own farm? 1. Yes 0. No >>Next member | How many jobs did you have? Complete one row for each job, starting with the most important | Job ID | In what sector does this activity belong? List C1 | What type of job was this? List C2 | | How much payment did you receive IN CASH for this job in | How much payment did you receive IN KIND for this job in total for the past 12 months? |
|-----|------|---|--|--------|---|---|-----|--|--|
| PID | C01 | C02 | С03 | C04 | C05 | C06 | C07 | C08 | C09 |
| | | | | 1 | | | | | |
| 101 | | | | 2 | | | | | |
| | | | | 3 | | | | | |
| 102 | | | | 2 | | | | | |
| 102 | | | | 3 | | | | | |
| | | | | 1 | | | | | |
| 103 | | | | 2 | | | | | |
| | | | | 3 | | | | | |
| | | | | 1 | | | | | |
| 104 | | | | 2 | | | | | |
| | | | | 3 | | | | | |
| 405 | | | | 1 | | | | | |
| 105 | | | | 3 | | | | | |
| | | | | 1 | | | | | |
| 106 | | | | 2 | | | | | |
| | | | | 3 | | | | | |
| | | | | 1 | | | | | |
| 107 | | | | 2 | | | | | |
| | | | | 3 | | | | | |

Module D- Agricultural Production: Land

| Which member of your household knows the most about farming? | Which member of your household is answering these questions? | How much land does your household own? | Area Unit 1. Hectare 2. m^2 99. Other, specify | How much land does your household rent or otherwise control? | Area Unit 1. Hectare 2. m^2 99. Other, specify | How much land does your household cultivate? | Area Unit 1. Hectare 2. m^2 99. Other, specify | In the past 12 months, how many plots did the household cultivate? |
|--|---|--|---|--|--|--|---|--|
| D01 | D02 | D03 | D04 | D05 | D06 | D07 | D08 | D09 |
| | | | | | | | | |
| | Сотр | lete D10-DXX for each plo | ot the household cul | tivated in the | past year, starting witl | h the largest | Ī | , |
| Plot Code | Which member(s) of the household own(s) the plot? PID List | Which member(s) of the household decide(s) what to grow on this plot? PID List | What is the area of this plot? | Area Unit 1. Hectare 2. m^2 99. Other, specify | Is the plot in the lowlands? 1. Yes, entire plot 2. Yes, part of plot 3. No | Is this plot irrigated? 1. Yes 0. No | What is the soil quality of this plot? 1. Good 2. Medium 3. Poor | During the past 12 months, which crop(s) did you produce on this plot? Crop List |
| D10 | D11 | D12 | D13 | D14 | D15 | D16 | D17 | D18 |
| 1 | | | | | | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| | | | | | | | | |
| 4 | | | | | | | | |

Module E- Agricultural Production: Crops (1)

| | Сгор | Did you produce any [CROP] in the past 12 months? 1. Yes 0. No >> Next crop | Which member(s) of the household decided to produce this crop? Member list | How much of [CROP] did you produce? AMOUNT | Unit Production List | State Crop State List | When did you begin harvesting the crop? | When did you stop harvesting the crop? | Did you sell any of [CROP]? |
|---------|----------------|---|---|--|----------------------------|-------------------------|--|---|--------------------------------|
| Crop ID | E01 | E02 | E03 | E04 | E05 | E06 | E07 | E08 | E09 |
| 101 | Maize | | | | | | | | |
| 102 | Rice | | | | | | | | |
| 103 | Millet | | | | | | | | |
| 104 | Sorghum | | | | | | | | |
| 105 | Cassava | | | | | | | | |
| 106 | Peanuts | | | | | | | | |
| 107 | Sesame | | | | | | | | |
| 108 | Butter beans | | | | | | | | |
| 109 | Cowpeas | | | | | | | | |
| 110 | Boer beans | | | | | | | | |
| 111 | Holoco beans | | | | | | | | |
| 112 | Common bean | | | | | | | | |
| 113 | Soy bean | | | | | | | | |
| 114 | Other beans | | | | | | | | |
| 115 | Pigeon peas | | | | | | | | |
| 116 | Cotton | | | | | | | | |
| 117 | Sugarcane | | | | | | | | |
| 118 | Sweet potato | | | | | | | | |
| 119 | Other, specify | | | | | | | | |

Module E- Agricultural Production: Crops (1)

| | Crop | How much of [CROP] did you sell? | Unit Production List | State Crop State List | Who did you sell to? List E1 | How much money did you receive for all sales? | Did you use any inputs on this crop? 1. Yes 0. No | Which inputs did you use? Inputs list | How much did you spend in total on inputs for this crop? |
|---------|----------------|--|----------------------------|-----------------------------|------------------------------------|---|---|---|--|
| Crop ID | E01 | E10 | E11 | E12 | E13 | E14 | E15 | E16 | E17 |
| 101 | Maize | | | | | | | | |
| 102 | Rice | | | | | | | | |
| 103 | Millet | | | | | | | | |
| 104 | Sorghum | | | | | | | | |
| 105 | Cassava | | | | | | | | |
| 106 | Peanuts | | | | | | | | |
| 107 | Sesame | | | | | | | | |
| 108 | Butter beans | | | | | | | | |
| 109 | Cowpeas | | | | | | | | |
| 110 | Boer beans | | | | | | | | |
| 111 | Holoco beans | | | | | | | | |
| 112 | Common bean | | | | | | | | |
| 113 | Soy bean | | | | | | | | |
| 114 | Other beans | | | | | | | | |
| 115 | Pigeon peas | | | | | | | | |
| 116 | Cotton | | | | | | | | |
| 117 | Sugarcane | | | | | | | | |
| 118 | Sweet potato | | | | | | | | |
| 119 | Other, specify | | | | | | | | |

Module E- Agricultural Production: Crops (2)

| | Crop | How many trees of [CROP] does your family own or control? | In the past year, how many times did you gather fruit from the tree? | How much fruit did you collect on average each time? | Unit Production List | Did you sell any [CROP] in the last 12 months? 1. Yes 0. No >>Next crop | How much [CROP] did you sell in total? | Unit Production List | How much money did you receive from these sales? |
|---------|-------------|--|--|--|----------------------------|--|---|-------------------------|--|
| Crop ID | E01 | E18 | E19 | E20 | E21 | E22 | E23 | E24 | E25 |
| 201 | Mango | | | | | | | | |
| 202 | Рарауа | | | | | | | | |
| 203 | Coconuts | | | | | | | | |
| 204 | Cashew Nuts | | | | | | | | |
| 205 | Avocado | | | | | | | | |
| 206 | Pineapple | | | | | | | | |
| 207 | Bananas | | | | | | | | |
| 208 | Guava | | | | | | | | |
| 209 | Orange | | | | | | | | |
| 210 | Tangerine | | | | | | | | |
| | | | | | | | | | |

Module F- Input Use (Current)

| | Input | Did you or any member of your household use any [INPUT] on your plot in the last 12 months? 1. Yes 0. No >> Next input | Which parcels did you use this input on? Parcel List | Which crops did you use this input on? Crop List | How much did you use? | Unit Production List | Who decided to use this input? PID | Did you purchase this input? 1. Yes 0. No >>Next input |
|-------|------------------------------|---|--|---|--------------------------|-------------------------|---|---|
| Input | F01 | F02 | F03 | F04 | F05 | F06 | F07 | F08 |
| 101 | Family Labour | | | | | Worker/days | | 0 |
| 102 | Hired Labour | | | | | Worker/days | | 1 |
| 103 | Exchange/Festive Labour | | | | | Worker/days | | |
| 104 | Traditional Seeds | | | | | | | |
| 105 | Improved Seeds | | | | | | | |
| 106 | Organic Fertilizer | | | | | | | |
| 107 | Chemical Fertilizer | | | | | | | |
| 108 | Pesticides | | | | | | | |
| 109 | Herbicides | | | | | | | |
| 110 | Treadle Pump (Irrigation) | | | | | | | |
| 111 | Mechanized Pump (Irrigation) | | | | | Number | | |
| 112 | Other, specify | | | | | Number | | |

Module F- Input Use (Planned)

| | Input | Do you or any member of your household plan to use [INPUT] in the next 12 months? 1. Yes 0. No >> Next input | Which parcels will you use this input on? Parcel List | Which crops will you use this input on? Crop List | How much will you use? | Unit Production List | Will you purchase this input? | How much do you plan to spend on input? |
|-------|---|---|--|--|-------------------------------------|-------------------------|-------------------------------------|---|
| Input | F01 | F16 | F17 | F18 | F19 | F20 | F21 | F22 |
| 101 | Family Labour | | | | | Worker/days | 0 | |
| 102 | Hired Labour | | | | | Worker/days | 1 | |
| 103 | Exchange/Festive Labour | | | | | Worker/days | | |
| 104 | Traditional Seeds | | | | | | | |
| 105 | Improved Seeds | | | | | | | |
| 106 | Organic Fertilizer | | | | | | | |
| 107 | Chemical Fertilizer | | | | | | | |
| 108 | Pesticides | | | | | | | |
| 109 | Herbicides | | | | | | | |
| 110 | Treadle Pump (Irrigation) | | | | | | | |
| 111 | Mechanized Pump (Irrigation) | | | | | Number | | |
| 112 | Other, specify | | | | | Number | | |
| F23-1 | If you were given 1,000 MTS wh how much would you spend on | • | Hired labour Trad. seeds Improved seeds Fertlizers | | Pesticides Herbicides Processing se | ervices | | |

Module G- Livestock

| | Input | Did your household own any [ANIMAL] in the past 12 months? 1. Yes 0. No >> Next animal | How many [ANIMAL] do you currently own? | Which household member(s) own the [ANIMAL]? | How many [ANIMAL] did you sell in the last 12 months? 0>> G07 | How much money did you receive from all salse of [ANIMAL] in the last 12 months? | How many [ANIMAL] did you purchase in the last 12 months? 0>> Next animal | How much money did you spend on all sales of [ANIMAL] in the last 12 months? |
|------|----------------|--|---|---|--|--|--|--|
| Code | G01 | G02 | G03 | G04 | G05 | G06 | G07 | G08 |
| 101 | Cows | | | | | | | |
| 102 | Goats | | | | | | | |
| 103 | Sheep | | | | | | | |
| 104 | Pigs | | | | | | | |
| 105 | Chickens | | | | | | | |
| 106 | Rabbits | | | | | | | |
| 107 | Ducks | | | | | | | |
| 108 | Turkeys | | | | | | | |
| 109 | Geese | | | | | | | |
| 110 | Guinea Fowl | | | | | | | |
| 111 | Guinea Pigs | | | | | | | |
| 112 | Other, specify | | | | | | | |

Module H- Assets

| ITEM | | | How many [ITEM]s did they buy? | What was the total value of all the [ITEM]s that they purchased? |
|---------------------|------|-----|-----------------------------------|--|
| | Н01 | Н02 | Н03 | H04 |
| Household Goods | 7,02 | | 1100 | |
| Radio | | | | |
| Bicycle | | | | |
| Sewing Machine | | | | |
| Watch | | | | |
| Cassette/CD Player | | | | |
| Wooden bed | | | | |
| Metal/wooden table | | | | |
| Bench | | | | |
| Chair | | | | |
| Foam mattress | | | | |
| Straw mattress | | | | |
| Oil lamp | | | | |
| Portable lantern | | | | |
| Wooden trunk | | | | |
| Motorcycle | | | | |
| | H01 | H02 | Н03 | H04 |
| Farm Goods | | | | |
| Bucket | | | | |
| Watering can | | | | |
| Pestle/mortar | | | | |
| Other processing | | | | |
| machine | | | | |
| Granary/Silo | | | | |
| Transport equipment | | | | |
| Hoe | | | | |
| Axe | | | | |
| Machete | | | | |
| Shovel | | | | |
| Rake | | | | |
| Sickle/Scythe | | | | |
| File | | | | |
| Pump | | | | |
| Other irrigation | | | | |
| equipment | | | | |

Module I- Expenditures

| | | In the past [RECALL | |
|--|------------------|---------------------|-------------------|
| | | PERIOD] did you | |
| | | purchase or pay for | How much in total |
| ITEM | Expenditure Code | any [ITEM]? | did you spend on |
| | | 1 Vac | these [ITEM]s? |
| | | 1. Yes 0. No | |
| | | >> Next item | |
| | | | |
| Recall: Last 7 days | I01 | 102 | 103 |
| Food or non-alcoholic beverages consumed | 101 | | |
| within the household Food or non-alcoholic beverages consumed | | | |
| outside the household | 102 | | |
| Cigarettes or alcoholic beverages | 103 | | |
| Public transportation | 104 | | |
| Recall: Last 30 days | 101 | 102 | 103 |
| Kerosene | 201 | .02 | 100 |
| Electricity, including electricity vouchers | 202 | | |
| Gas (for lighting or cooking) | 203 | | |
| Cooking oil | 204 | | |
| Water | 205 | | |
| Petrol or diesel | 206 | | |
| Cell phone credit | 207 | | |
| Cell phone charging | 208 | | |
| Firewood | 209 | | |
| Charcoal | 210 | | |
| Milling fees, grain | 211 | | |
| Personal products (soap, toothpaste, | | | |
| cosmetics) | 212 | | |
| Household cleaning products (dish soap, toilet | 213 | | |
| cleanser, etc.) | 213 | | |
| Repairs (to dwelling, household items, bike, etc.) | 214 | | |
| Recall: Last 12 months | 101 | 102 | 103 |
| Building materials | 301 | | |
| Council rates | 302 | | |
| Education (including uniforms, fees, etc.) | 303 | | |
| Health expenditures (medicine, clinic visits, hospitalization) | 304 | | |
| Insurance | 305 | | |
| Losses to theft | 306 | | |
| Marriage costs/dowry | 307 | | |
| Funeral expenses | 308 | | |
| Repairs to durable goods | 309 | | |
| Machinery rental | 310 | | |
| | | | |

Module J- Community Influence

| | Input | Does this type of group exist in your community? 1.Yes 0. No >> Next group | Are you an active member of this group? 1. Yes 0. No >> Next group | How long have you been a member? | What position do you hold in the group? List J1 | How often do you attend group meetings? 1. Always 2. Usually 3. Sometimes 4. Rarely 5. Never | On average, how many hours a month do you spend in group- related activities? |
|--|---|---|---|----------------------------------|--|---|--|
| Code | Group Type | J01 | J02 | J03 | J04 | J05 | J06 |
| 101 | Producers/Market | | | | | | |
| | • | | | | | | |
| 102 | Community Water | | | | | | |
| 102 103 | · · | | | | | | |
| | Community Water | | | | | | |
| 103 | Community Water Forest/Woods Users | | | | | | |
| 103 104 | Community Water Forest/Woods Users Credit/Microfinance | | | | | | |
| 103 104 105 | Community Water Forest/Woods Users Credit/Microfinance Mutual Help/Insurance | | | | | | |
| 103 104 105 106 | Community Water Forest/Woods Users Credit/Microfinance Mutual Help/Insurance Trade/Business Assoc. | | | | | | |
| 103 104 105 106 107 | Community Water Forest/Woods Users Credit/Microfinance Mutual Help/Insurance Trade/Business Assoc. Social/Charitable | | | | | | |
| 103 104 105 106 107 108 | Community Water Forest/Woods Users Credit/Microfinance Mutual Help/Insurance Trade/Business Assoc. Social/Charitable Local government | | | | | | |

Module K- Credit

| | K01- In | the last 12 mor | nths, did you | or any othe | r household | l member R | EQUEST a lo | an? | | 1. Yes 0. No <i>>>K03</i> |
|-----|---|-----------------|---------------|---------------|--------------|-------------|-------------|--------------------|-------------|--|
| | | | K02- How ma | any loans di | id you reque | est? | | | | |
| | | | K03- Why d | lidn't you re | equest a loa | n? | | | | List K1 |
| | | K04- What wo | | | List K2 | | | | | |
| | | K05- Do you t | hink you wou | ld have rec | eived one if | you reques | sted it? | | | 1.Yes>> Mod L 0. No |
| | | K06- W | /hy do you th | ink you wo | uld have be | en denied? | | | | List K3 |
| | Со | mplete K07-K16 | for each loa | n that the l | household r | equested in | the past 12 | 2 months, in order | of importan | се |
| | Why did Did you receive you denied Credit Did you want a lo | | | | | | | | | |
| PID | К07 | К08 | К09 | K10 | K11 | K12 | K13 | K14 | K15 | K16 |
| 1 | | | | | | | | - | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | 6 | | | | | | | | | |
| 7 | 7 | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

Module L- Financial Literacy

| Which member of the household is answering this section? PID | Do you have an account that you use for savings? 1. Yes 0. No | Are you a member of an ASCA or other type of savings group? 1. Yes 0. No | Do you have a savings box in your house? 1. Yes 0. No | Do you have use mobile money for savings? 1. Yes 0. No | In a good month, how much are you able to save? | How would you describe your current savings? 1. More than enough 2. Enough for regular consumption and small unexpected expenditures 3. Enough for regular consumption only 4. Not enough for regular consumption | How much do you hope to save in the next year? | How much do you think you will actually save? |
|---|---|---|---|--|--|--|---|--|
| | | | lana sina unu aus | | | | | |
| If LO9 < LO8 Why do you think you will save less than you would like? List L1 | How important is having savings to you? 1. Very important 2. Somewhat important 3. A little important 4. Not important | What ways of saving are you able to use? List L2 Mark all that apply | Imagine you are given a gift which you will receive either tomorrow or in one month. Would you prefer: 1. 1000 tomorrow 2. 1,1100 in one month | Would you prefer: 1. 1000 tomorrow 2. 1200 in one month | Would you prefer: 1. 1000 tomorrow 2. 1400 in one month | How much would you need to be paid to be willing to wait one month? | How often do you pay for any product or service in advance? 1. Never 2. Rarely 3. Sometimes 4. Often 5. Very often | How often do you receive payment for a product or service in advance? 1. Never 2. Rarely 3. Sometimes 4. Often 5. Very often |
| L10 | L11 | L12 | L13 | L14 | L15 | L16 | L17 | L18 |

Module M- Transfers

| | | M01- Do | you have any | relatives liv | ving outside | of Nampula | a? | | | 1. Yes 0. No >> Mod N |
|-----------|--|--|---|--|--|--|--|--|---|--|
| М | 02- How ma | any do you have | ? Enumerato | r: Record ti | he number (| of HOUSEH | OLDS, not ir | ndividuals | | |
| | | | | Compl | ete M03-XX | for each he | ousehold | | | |
| | What is the name of your relative? | What is their relation to the head of household? | Where does this relative live currently? | Does this relative own a cell phone? 1. Yes 0. No | Does this relative use mobile money? 1. Yes 0. No | Did your household receive money or goods in kind from them in the last 12 months? | How many transfers did they send? | What was the total value of all transfers sent in the last 12 months? | When did you receive the most recent transfer? | How much was the most recent transfer? |
| | | | | | | 1. Yes 0. No >> | | | | |
| Household | M03 | M04 | M05 | M06 | M07 | M08 | M09 | M10 | M11 | M12 |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| | Was the most recent transfer in cash or in kind? 1. Cash 2. In kind 3. Both | How much did you receive in CASH? | What was the value of the goods received in kind? | If M13 != 1 Specify the in kind items received | you use | Did you have to pay any fees to receive this transfer? 1. Yes 0. No | How much did you have to pay? | How many minutes did you have to travel to receive this transfer? | Mode of transport 1. Walk 2. Bike 3. Motorbike 4. Car 99. Other, | How much did you pay in transport costs to pick up this money? |
| Household | M13 | M14 | M15 | M16 | M17 | M18 | M19 | M20 | M21 | M22 |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |

Module N- Cash Mobile and Mobile Phone Use

| Which member of the household is answering these questions? PID N01 | Do you own a cell phone? 1. Yes 0. No | Why don't you own a cell phone? List N1 | If phones were less expensive, what is the maximum you would pay for one? | Do you use a cell phone? 1. Yes 0. No | Whose cell phone do you use? PID | Have you ever heard about banking services on a cell phone? 1. Yes 0. No | What can you do using cell phone banking? List N2 Mark all that apply N08 | Do you use any of thse services? 1. mPesa 2. mKesh 3. Both |
|---|---|--|---|--|---|--|--|---|
| Why don't you use mPesa? | What phone number do you use for your mPesa account? | mPesa account? | Do you know the name of your nearest mPesa agent? 1. Yes 0. No | How far away is your nearest mPesa agent? (minutes) | When is the last time you visited an mPesa agent? | The last time you visited an agent were you able to complete a transaction? 1. Yes 0. No | Why not? List N5 | How long did it take to complete this transaction? |
| N10 | N11 | N12 | N13 | N14 | N15 | N16 | N17 | N18 |
| Do you ever share your PIN with anyone? | Who else knows your PIN? <i>PID</i> | Does anyone else use this phone? | Who else? | What is your main cell phone number? | Do you use any other networks? 1. Vodacom 2. mCel 3. Movitel | How often is your main cell phone switched on? 1. Always 2. Usually 3. Sometimes 4. Rarely 5. Never | How often is your cell phone switched on? List N6 | How often is the cell phone charged? List N7 |
| N19 | N20 | N21 | N22 | N23 | N24 | N25 | N26 | N27 |
| | | | | | | | | |

Module N- Cash Mobile and Mobile Phone Use

| How far do you have to travel to charge your phone? (minutes) | For how long have you been using this phone? (months) | Have you ever sent a text message using this phone? 1. Yes 0. No | to send text | | How many phone calls did you make/receive in the last 7 days? | Do you currently have credit on your phone? 1. Yes 0. No | How much credit do you have? | How much do you spend in an average month on credit? |
|---|--|---|---|-----|--|---|------------------------------------|--|
| N28 | N29 | N30 | N31 | N32 | N33 | N34 | N35 | N36 |
| | | | | | | | | |
| What is the quality of the signal on your main cell phone number? | If you had to send a text message is there any phone that you could use? 1. Yes 0. No | Who would lend this | How far would you have to travel to get this phone? (minutes) | | | | | |
| N37 | N38 | N30 | N31 | | | | | |
| | | | | | | | | |

Module O- Participation in Trainings

| Which member of the household is answering these questions? | Did you ever hear about a training in mobile money in your association? 1. Yes 0. No | Did you or a member of your household attend this training 1. Yes 0. No | Which member(s)? PID | After the training were you able to use the mobile money system? List O1 | Are you able to use the system now? | Were there any problems with the training? 1. Yes 0. No | What problems did you encounter? | During or after the training were you given the opportunity to buy a phone? 1. Yes 0. No |
|---|---|---|--|---|-------------------------------------|---|---|--|
| 001 | 002 | 003 | 004 | O05 | 006 | 007 | 008 | 009 |
| Did you purchase a phone? 1. Yes 0. No | Who did you purchase the phone for? PID | Why didn't you purchase a phone? 1. Yes 0. No | Why didn't you attend the training? List O3 | Did any member of your association attend a mobile money training in Nampula? 1. Yes 0. No | What is the name of that member? | Did anyone visit your association to sell inputs or provide information about inputs? 1. Yes 0. No | Which inputs did you receive information on? Inputs list Mark all that apply O17 | Which inputs were available to purchase? Inputs list Mark all that apply O18 |
| | | <u> </u> | | | | 0.20 | | |

Module O- Participation in Trainings

| Did you purchase a phone? 1. Yes 0. No | Who did you purchase the phone for? List O3 | Why didn't you purchase a phone? 1. Yes 0. No | Why didn't you attend the training? List O4 | Did any member of your association attend a mobile money training in Nampula? 1. Yes 0. No | What is the name of that member? | provide information about inputs? 1. Yes 0. No | Which inputs did you receive information on? List O5 Mark all that apply O26 | Which inputs were available to purchase? List O5 Mark all that apply O27 |
|---|---|--|---|---|--|---|---|---|
| 019 | 020 | 021 | 022 | 023 | 024 | 025 | 026 | 027 |
| How many visits did your association receive? | Which month(s) did these visits take place? | How many visits did you attend? | Did you purchase any inputs? 1. Yes 0. No | purchase List O5 | How much did you spend on each of these types of input? List O5 | | seed did you buy? | Why didn't you buy any inputs? List O6 |
| 028 | 029 | O30 | 031 | 032 | | 033 | 034 | 035 |
| | | | | | | | | |

Module P- Risk Attitudes

| Which member of the household is answering these questions? | How were the rains last season? List P1 | When did the rains start last season? List P2 | Did you do change anything because of the rains? 1. Yes 0. No | What changes? <i>List P3</i> | How many local varieties of maize did you grow this year? | Which varieties? | How many improved varieties of maize did you grow last year? | Which varieties? |
|--|---|--|--|---|---|---|---|---|
| P01 | P02 | P03 | P04 | P05 | P06 | P07 | P08 | P09 |
| | | | | | | | | |
| What kind of rain do you expect in the next rainy season? List P1 | When do you expect the rains to start next season? List P2 | How many local varieties of maize do you plan to grow next year? | Which varieties? | How many improved varieties of maize do you plan to grow next year? | Which varieties? | Do you plan to grow cassava next season? 1. Yes 0. No | Do you plan to grow any new crops next season? 1. Yes 0. No | Which crops? Crop List |
| P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 |
| | | | | | | | | |
| Enumera | itor, read for questions | s P19-P24: "Ima | gine that the | rains are lat | te in arriving and tl | | at the rains will be | poor" |
| Would you grow any different varieties of maize? 1. Yes 0. No | Which varieties? | Would you change the amount of fertilizer you use? 1. Yes, use more 2. Yes, use less 3. Yes, use none 4. No | Would you grow cassava? 1. Yes 0. No | Would you grow any new crops? 1. Yes 0. No | Which crops? | Have you ever sent a child or other family member away from the household to live with relatives so that everyone would have enough to eat? | What year was the last person sent away? | Did they return to live here? 1. Yes 0. No |
| P19 | P20 | P21 | P22 | P23 | P24 | P25 | P26 | P27 |
| | | | | | | | | |

Choice Lists

| List B1 | List C1 |
|---|--|
| 1 No Schooling | 1 Agriculture |
| 2 Primary 1-5 | 2 Handicraft/Weaving/Spinning/Pottery |
| 3 Primary 6-7 | 3 Milling |
| 4 Secondary 8-10 | 4 Construction |
| 5 Secondary 11-12 | 5 Brickmaking |
| 6 University or higher | 6 Burning |
| 7 Technical / vocational | 7 Trade (Selling other people's products) |
| 8 Adult literacy | 8 Collecting & selling firewood |
| 9 Religious education | 99 Other, specify |
| 99 Other, specify | |
| List C2 | Crop State |
| 1 Self-employed | 1 Fresh |
| 2 Wage employee | 2 On the cob |
| 3 Government employee | 3 Grain |
| 4 Unpaid family worker | 4 With shells |
| 99 Other, specify | 5 Without shells |
| Product | 6 Dried |
| 1 Kilogram | 11 Sack (50 kg) |
| 2 Gram | 12 Sack (25 kg) |
| 3 Unit | 13 Sack (12.5 kg) |
| 4 Pile | 14 Can (25L) |
| 5 Litre | 15 Can (20L) |
| 6 Millilitre | 16 Can (10L) |
| 7 Sack (100 kg) | 17 Can (5L) |
| 8 Sack (90 kg) | 18 Can (1L) |
| 9 Sack (70 kg) | 19 Cup (300ml) |
| 10 Sack (60Kg) | 20 Bag (30ml) |
| 99 Other, specify | |
| List J1 | List K1 |
| 1 Chairman | 1 Do not need |
| 2 Vice-chairman | 2 Too expensive |
| 3 Treasurer | 3 Cannot pay back 4 Do not have collateral |
| 4 Secretary 5 Other board member | 5 Do not want to risk collateral |
| 6 Commission member | 6 Too complicated |
| 7 Ordinary member | 7 Do not know where to request |
| 99 Other, specify | 99 Other, specify |
| List K2 | List K3 |
| 1 Purchased food | 1 No collateral |
| 2 Purchased other goods | 2 Not enough income |
| 3 Doctor/Medicine | 3 Outstanding debt |
| 4 Special occasion (Birth/Wedding/etc.) | 4 Lack of proper documents |
| 5 Purchase inputs | 99 Other, specify |
| 6 Purchase land | |
| 99 Other, specify | |

Choice Lists

| List K4 | List L1 |
|--|---|
| 1 ASCA | 1 Lower income than expected/Poor harvest |
| 2 IKURU | 2 Increased prices |
| 3 Producers association | 3 Unexpected expenses |
| 4 Family / friends | 4 Spouse uses savings |
| 5 Bank | 5 Other family member uses savings |
| 6 Output trader | 6 Difficult to keep track of money |
| 7 Input trader | 7 Theft |
| 8 Microfinance group | 99 Other, specify |
| 99 Other, specify | , |
| List L2 | List M1 |
| 1 Keep money in household/cash-box | 1 Spouse |
| 2 Local savings group/ROSCA/Merry-go-round | 2 Son/daughter |
| 3 Mobile money account | 3 Son/daughter-in-law |
| 4 Microfinance group | 4 Grandchild |
| 5 Bank account (Checking) | 5 Father/Mother |
| 6 Bank account (Savings) | 6 Nephew/Niece |
| 99 Other, specify | 7 Cousin |
| | 8 Brother/Sister-in-law |
| | 9 Father/Mother-in-law |
| | 99 Other, specify |
| List M2 | List M3 |
| 1 Maputo | 1 Bought food |
| 2 Matola | 2 Bought inputs |
| 3 Beira | 3 Bought durable goods |
| 4 Chimoio | 4 Bought other goods |
| 5 Quelimane | 5 Paid for repair to dwelling |
| 6 Tete | 6 Paid for repair to durable goods |
| 7 Lichinga | 7 Paid for repair to bike/motorbike |
| 8 Pemba | 8 Bought medicine/paid doctor |
| 9 Gurue | 9 Bought school books/paid school fees |
| 10 Xai-Xai | 10 Saved it |
| 99 Other, specify | 99 Other, specify |
| List N1 | List N2 |
| 1 Don't want one | Store money / Bank account |
| 2 Don't need one | Save money / Savings account |
| 3 Too expensive | Agent withdrawal |
| 4 No electricity access | ATM withdrawal |
| 5 No network signal | Buy phone credit |
| 99 Other, specify | Send funds |
| | Receive funds |
| | Make purchases |
| | Other, specify |

Choice Lists

| List N3 | List N4 |
|---|---|
| 1 Not interested | 1 Today |
| 2 Too expensive | 2 This week |
| 3 Too complicated | 3 This month |
| 4 Agent is too far | 4 Within 3 months |
| 5 No agent | 5 This year |
| 6 Don't trust | 6 Never |
| 99 Other, specify | |
| List N5 | List N6 |
| 1 Agent unavailable | 1 Always |
| 2 Agent did not have money | 2 Usually |
| 3 Network problems | 3 Sometimes |
| 4 Did not have ID | 4 Rarely |
| 99 Other, specify | 5 Never |
| List N7 | List N8 |
| 1 Once a day | 1 No reception |
| 2 Every 1-3 days | 2 Bad (difficult to make calls/send texts) |
| 3 Once a week | 3 OK (sometimes can make calls/send texts) |
| 4 Once a month | 4 Good (usually can make calls/send texts) |
| 5 Less than once a month | 5 Excellent (almost always make calls/text) |
| List O1 | List O3 |
| 1 Yes, without help | 1 Did not know about it at the time |
| 2 Yes, with a little help | 2 Did not understand what it was about |
| 3 Yes, with a lot of help | 3 Not interested |
| 0 No | 4 Busy with agricultural work |
| | 5 Busy with other work |
| | 6 Was not present at the time |
| | 99 Other, specify |
| List O2 | List P3 |
| 1 Explanations were unclear/didn't understand | 1 Changed time of crop planting |
| 2 The system is too complicated | 2 Farmed additional land |
| 3 Trainings were too short | 3 Stopped farming some land |
| 4 Not enough trainings | 4 Increased/used intercropping |
| 5 Not enough time practising using the system | 5 Planted trees/bushes |
| 6 Problems with the mobile network | 6 Increased/added irrigation |
| 7 Lack of agents | 99 Other, specify |
| 8 Difficulty with reading/writing | |
| 99 Other, specify | |
| List P1 | List P2 |
| 1 Very little (drought) | 1 Much earlier than usual |
| 2 Less than usual | 2 Earlier than usual |
| 3 Average | 3 Average |
| 4 More than usual | 4 Later than usual |
| 5 Too much (flooding | 5 Much later than usual |