## Household identification

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A1. Date of Survey (DD/MM/YYYY) : | | | / / | | | | | | | |
| A2. Enumerator Name : | | |  | | | | | | | |
|  | | | Livestock owner | | | | Person responsible at farm | | | |
| A3. Head of Household Name : | | | A3.1 | | | | A3.2 | | | |
| A4. Mobile number: | | | A4.1 | | | | A4.2 | | | |
| A5. Did the household consent to the interview? (1=YES 2= No) | | | A5.1 [ ] | | | | A5.2 [ ] | | | |
| A6. If no, why? (code a) | | |  | | | | | | | |
| A7. Does the household own any livestock? (1=Yes, 2=No). If no, discontinue; If yes, go to A11 | | |  | | | | | | | |
| ***If no, request a replacement household from supervisor (and continue with this questionnaire). If yes move to A11.*** | | | | | | | | | | |
|  | | | Livestock owner | | | | Person responsible at farm | | | |
| A8. Time interview started : HH MM:: | | | A8.1 |  | | | A8.2 | |  | | |
| A9. Time interview ended: HH MM:: | | | A9.1 |  | | | A9.2 | |  | | |
| A10. Common currency\* unit: | | |  | | | | | | | | |
|  | | | | | | | | | | |
| A11. District Name : | |  | | | | | | | | |
| A12. Village Name : | |  | | | | | | | | |
| A13. Head of Household Name/ :  (replacement name if original Head above refused) | | | | |  | | | | | |
| A14. Name of survey Respondent : | | | | | A14.1 Farming time: [ ] 1=full-time 0=part-time | | | | | |
| **Reason for refusal** | | | | | Livestock owner | | | Person responsible at farm | | |
| A15. Relationship of survey respondent to Household Head (code b) : | | | | |  | | | | | |
| A16. Household GPS Coordinates: | A17. Latitude (N/S): | | | |  | A18. Longitude (E/W): | | | |  |
|  | | | | | | | | | | |
| **a) No Consent** | | | | | | **b) Respondent relationship** | | | | |
| 1 = Respondent refuses to participate  2 = Respondent does not have the time  3 = Household head (or other knowledgeable member) is not present at the house  4=Other: (specify in cell) | | | | | | 1 = household head  2 = spouse  3 = other family member  4 = other non-family member | | | | |

*\*use common currency unit throughout survey*

## B. Household Roster

* ***Start with the household head, followed by his wife or wives, children (ranked from old to young) and lastly other household members – include only members who live there at least 3 months per year***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Name | B1. Relationship to HH head (code a) | B2. Gender  (1 = Male,  2 = Female) | B3. Age (years) | B4. Education | | B5. Main activities (code c) mention all | B6. Average annual Income from each activity |
| B4.11Number of years of schooling | B4.2 Level of Education  (code b) |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| **a) RELATIONSHIP TO HEAD** | | **b) HIGHEST LEVEL OF EDUCATION** | | **c) MAIN ACTIVITIES** | | | | |
| 1 = Head  2 = Spouse  3 = Child  4 = Sibling (sister or brother)  5 = Parent  6 = Grandchild  7 = Other relative  8 = Non-relative (including employees who live in house)  9 = Other (specify) | | 0=No formal and illiterate  1=No formal but literate  2= Primary school  3= High / secondary school  4= College  5= University  6= Child below school age (6 years)  7= Other (specify) | | 1 = Crop farming  2 = Livestock farming  3 = Poultry keeping (incl. sales)  4 = Trading in livestock and livestock products (not own)  5 = Trading in agricultural products (excluding livestock!) (not own produce)  6 = Formal Salaried employee (e.g. civil servant, domestic work)  7 = Business – trade / services (non-agric.)  8 = Not working / unemployed  9 = Old/Retired/pension  10 = Infant (<6 years)  11 = Student/ pupil   1. = Disabled 2. Remittances 14= dividends   15= Other (specify) | | | | |

## Assets

## Land- in Hectare

C1. Do you have access to (0= NO; 1=YES): C1.1 Livestock grazing land? [ ] C1.2. Cropping land? [ ]

C2. If you have access to cropping land, what is the size of the land? [ ] hectares

C3. What type of grazing system is your livestock operation based on? [ ] (0= COMMUNAL ; 1=PRIVATE)

C4. If you operate on communal land, what is the approximate area of the communal land that your livestock graze? [ ] hectares

C5. If you operate on private land, what is the area of the land that your livestock graze? [ ] hectares

C6. How long is access secure for livestock grazing? [ ] Years

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| C7. Parcel\* ID | C8. Primary USE of the land parcel : (code a) | C9. Tenure system  (Code b) | C10. Size of this parcel in hectare | C11. How much did you spent on land improvement including use of fertilizers?  (last 2 yrs.) | C12. If parcel **is *owned,*** who owns (Code c**)** | C13. If parcel is rented/leased in/out for cash, what amount is received over month? | |
| C13.1 Type of rent (Code d) | C13.2 total amount paid/received |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 1. **Land parcel USE:** | | | 1. **TENURE SYSTEM** | | | | **c) If owned, name on title/certificate:** | 1. **Type of rent** |
| 1=crop activity  2=livestock farming  3=Mixed activities | | | 1= Title deed  2=Owned but not titled  3= public land  4= Rented-in/ sharecropped  5= Other (specify) | | | | 1= household head  2= spouse  3= other male  4=other female  5=joint (household head & spouse)  6=other specify | 1= rented/leased in  2= rented/leased out |

\**parcel is one contiguous plot of land. One parcel can contain more than one plot.*

## Household and agricultural equipment

| D1. Name of Asset | D2. Total Number owned | Relative / average age | | | | | | | | | | | | | | | | | | D12. Number of items that were given to the household (for free)- 0 if none | | D13. No. of items that were sold (last 12 months) | D14. No. of items that were purchased  (last 12 months) | D15. Current value: if asset is sold today, how much will receive? |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number Owned | | | Number Rented | | | | | | Number owned outright/shared | | | | | | | | |
| D3.  < 3 yrs | D4.  3-7 yrs | D5.  > 7 yrs | D6.  < 3 yrs | D7.  3-7 yrs | | | D8.  > 7 yrs | | D9.  < 3 yrs | | | D10.  3-7 yrs | | D11.  > 7 yrs | | | |
| **Domestic** |  | | | | | | | | | | | | | | | | | | |  | |  |  |  |
| 1.Television |  |  |  |  |  | |  | |  | |  | |  | | | |  | | |  | |  |  |  |
| 2.Mobile phone |  |  |  |  |  | |  | |  | |  | |  | | | |  | | |  | |  |  |  |
| 3.Solar system |  |  |  |  |  | |  | |  | |  | |  | | | |  | | |  | |  |  |  |
| 4.Water tanks |  |  |  |  |  | |  | |  | |  | |  | | | |  | | |  | |  |  |  |
| 5.Refridgerator |  |  |  |  |  | |  | |  | |  | |  | | | |  | | |  | |  |  |  |
| **Transport** |  | | | | | | | | | | | | | | | | | | | |  |  |  |  |
| 6.Car/Truck |  |  |  |  |  |  | |  | |  | |  | | | |  | | |  | | |  |  |  |
| 7.Motorcycle |  |  |  |  |  |  | |  | |  | |  | | | |  | | |  | | |  |  |  |
| 8.Bicycle |  |  |  |  |  |  | |  | |  | |  | | | |  | | |  | | |  |  |  |
| 9.Cart (animal drawn) |  |  |  |  |  |  | |  | |  | |  | | | |  | | |  | | |  |  |  |
| **Farm** |  | | | | | | | | | | | | | | | | | | | |  |  |  |  |
| 10.Hoes |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 11.Spades/shovel |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 12.Ploughs |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 13.Sprayer pump |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 14.Water pump |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 15.Bio gas |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 16.Power tiller |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 17.Cattle handling yards |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 18.Small stock handling yards/crushes |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 19.Stock drinking trough |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 20.Dipping equipment |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 21.Drenching gun |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 22.Foot clippers |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 23.Dehorning equipment |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 24.Scales  weight tape |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
| 25.Other specify 1  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
|  |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |
|  |  |  |  |  |  |  | |  | |  | |  | | |  | | |  | | | |  |  |  |

D16. Did you sell any household assets in the last 12 months? If yes, how much in total? (Pula) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Home

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Home: where you live | | | | | | | | | |
| D17. House ownership  (code a) | D18. If rented, how much do you pay per month? | | D19. Number of rooms | | D20. Floor material  (Code b) | | D21. Wall material  (code c) | | D22. Roofing material  (code d) |
|  |  | |  | |  | |  | |  |
|  |  | |  | |  | |  | |  |
| 1. **OWNERSHIP** | | 1. **FLOOR MATERIAL** | | 1. **WALL MATERIAL** | | | | 1. **ROOFING MATERIAL** | |
| 1=Owned  2=Rented  3=Borrowed  4=Other (specify) | | 1= earth  2= cement  3= tiles  4= other, specify | | 1= earth/ mud/ cow dung  2= wood/ bamboo/ iron sheets  3= unburned mud bricks  4= burned mud bricks  5= cement/ bricks | | 6= other, specify | | 1= grass  2= mud  3= iron sheets/ asbestos  4= tiles  5= other, specify | |

**Water**

What are your main sources of water for your animals and do you pay for it (please fill in the table below)?

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| D23. Use | D24.. Main water source  1=borehole  2=well  3=river  4=….. | D25. Distance to water point and time taken to go to the water point | | | | D26. Do you pay?  Yes=1; No=2. | D27. If yes, what is your ave. monthly cost per head? | D28. Do you transport water to cattle post/home? If yes, Which mode of transport do you use? | | D29. Average annual transport cost for transporting water. |
| D25.1 Dry season | | D25.2 Rainy season | | D28.1 (1=Yes, 0= No) | D28.2 Mode of transport (code a) |
| D25.1.1 Distance (Kms) | D25.1.2 Time (hrs) | D25.2.1  Distance (Kms) | D25.2.2  Time (hrs) |
| 1.Home use |  |  |  |  |  |  |  |  |  |  |
| 2.Livestock use |  |  |  |  |  |  |  |  |  |  |
| a)Mode of Transport:  1= Own car  2=Hired car  3= Other (specify) | | | | | | | | | | |

##### 

##### D30. Is water always available to your animals throughout the day & throughout the year? (Yes=1, No=2) [ ]

D31. If No, how frequently do you give your animals water in a day?

D31.1 [\_\_\_\_] (number of times/ day) during rainy season

D31.2 [\_\_\_\_] (number of times/ day) during dry season

##### **Power**

##### What are your main sources of power for livestock operation? Do you pay for it (please fill in the table below)?

|  |  |  |  |
| --- | --- | --- | --- |
| D32. Source | D33. Main source of power?  (Yes=1; No=2) | D34. Do you pay?  (Yes=1; No=2) | D35. How much do you pay monthly? (Pula) |
| 1. Power grid |  |  |  |
| 2. Generator |  |  |  |
| 3. Solar system |  |  |  |
| 4. Other: specify |  |  |  |

## Livestock and cattle: herd structures and flows

I**ndicate** the **number of animals** for the different species owned by the household (Please fill in the respective owner)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **E1. Livestock Species** | | **E2. Who owns them [code a]** | | | | | | | **E3. Number owned by the household at his location** | | | | | | | **E4. Number kept but not owned** | | | | | | | **E5. Number owned by household but kept elsewhere** | | | | | | | **E6.Total**  **(E3-E4+E5)** | |
|  | | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |  | |
| **1.Cattle** | a. Local |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| b. Cross |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| c. Exotic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **2.Goats** | a. Local |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| b. Cross/ exotic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **3.Sheep** | a. Local |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| b. Cross/ exotic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **4.Poultry** | a. Local |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| b. Exotic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **5. Pig** | a. Local |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| b. Cross/ exotic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **6. Donkeys/Horses** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **7. Rabbits** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| **8. Other, specify** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| 1. Who owns 1=Head 2=Spouse 3= Household (All) 4= Son 5=Daughter 6=head’s father or mother 7=Other (specify):\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## If the household has cattle, indicate the type, breed and number owned. If no cattle, go to Section E28.

|  |  |  |
| --- | --- | --- |
| **E7. Animal type (codes)** | **E8. Breed (codes)** | **E9. Number owned** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **Animal type** | **Breeds** |
| 1 =Bulls (>3 yrs ) | 1= Indigenous or local breed *(specify type)* |
| 2 =Castrated adult males (oxen>3 yrs) | 2=Brahman |
| 3= Immature males (< 3 yrs) | 3=Simmental |
| 4= Cows (calved at least once) | 4= Cross breeds |
| 5= Heifers(female ≥1yr,have not calved) | 5=Local goat |
| 6=Female calves (between 8 wks &<1yr) | 6= Other (specify) |
| 7=Male calves (between 8 wks &<1yr) |  |
| 8= Pre weaning males (<8 wks) |  |
| 9= Pre weaning females (<8 wks) |  |

|  |  |  |
| --- | --- | --- |
| **Please indicate who does the following (E10-E12)?** | | |
| **E10. Who feeds the animals? [ ] (Use code a)**  **E11. Who decides about sales and purchases of the animals? [ ] (Use code a)**  **E12. Who keeps the sales proceeds? [ ] (Use code a)** | **Code a)**  **1=Household head (head)**  **2=Spouse**  **3=Son**  **4=Daughter** | **5=head’s father**  **6=head’s mother**  **7= employee**  **8=Other (specify):\_\_\_\_\_\_\_\_** |
| **E13. Primary reasons for keeping livestock? [ ] (Use code b) (choose up to two primary reasons)** | **Code b) 1= Consumption 2=to raise income 3= hobby 4= to cover school fee & other household costs 5=Other (specify)** | |

## E14. Has any cattle entered the household herd during the past 12 months? (Yes=1, No=2) [ ]? If yes, fill in the below table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **E15.**  **Inflow types**  **(code)** | **E16.**  **Main Month**  **(code)** | | **E17.**  **Quantity**  **(number)** | **E18.**  **Main animal type (code)** |
| .1 |  | |  |  |
| .2 |  | |  |  |
| .3 |  | |  |  |
| .4 |  | |  |  |
| .5 |  | |  |  |
| .6 |  | |  |  |
| .7 |  | |  |  |
| .8 |  | |  |  |
| .9 |  | |  |  |
| 10. |  | |  |  |
| 11. |  | |  |  |
| 12. |  | |  |  |
| 13. |  | |  |  |
| 14. |  | |  |  |
| 15. |  | |  |  |
| 16. |  | |  |  |
| 17. |  | |  |  |
| **Outflows** | | 1=Birth, 2=Bought, 3=Gift In, 4=Exchange In, 5= Loan In, 6= Keep on behalf of others, 7=Other | | |
| **Months** | | 1=Jan, 2= Feb, 3= Mar, 4= Apr, 5= May, 6= Jun, 7=Jul, 8= Aug, 9= Sep, 10= Oct, 11=Nov, 12= Dec | | |
| **Animal type** | | **1**= Bulls (>3 yrs ) 2 =Castrated adult males (oxen>3 yrs) 3= Immature males (< 3 yrs) 4= Cows (calved at least once) 5= Heifers(female ≥1yr,have not calved) 6=Female calves (between 8 wks &<1yr) 7=Male calves (between 8 wks &<1yr) 8= Pre weaning males (<8 wks) 9= Pre weaning females (<8 wks) | | |

E19.Has any Goats/Sheep entered the household small stock flock during the past 12 months? (Yes=1, No=2) [ ]? If yes, fill in the below table:

**Goat inflows**

|  |  |  |  |
| --- | --- | --- | --- |
| **E20.**  **Inflow types**  **(code)** | **E21.**  **Month**  **(code)** | **E22.**  **Quantity**  **(number)** | **E23.**  **Main animal type (code)** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |

**Sheep inflows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **E24.**  **Inflow types (code)** | **E25.**  **Month (code)** | | **E26.**  **Quantity (number)** | **E27.**  **Main animal type (code)** |
| 1. |  | |  |  |
| 2. |  | |  |  |
| 3. |  | |  |  |
| 4. |  | |  |  |
| 5. |  | |  |  |
| 6. |  | |  |  |
| 7. |  | |  |  |
| 8. |  | |  |  |
| **Outflows** | | 1=Birth, 2=Bought, 3=Gift In, 4=Exchange In, 5= Loan In, 6= Keep on behalf of others, 7=Other | | |
| **Months** | | 1=Jan, 2= Feb, 3= Mar, 4= Apr, 5= May, 6= Jun, 7=Jul, 8= Aug, 9= Sep, 10= Oct, 11=Nov, 12= Dec | | |
| **Animal type** | | 1= <5 months for goats) 2=young female (pre-breeding) 3=adult female (breeding age)  4= males 6=old animals 7=Mix | | |

**Cattle outflows**

E28. Has any cattle exited the household herd during the past 12 months? (Yes=1, No=2) [ ]? If yes, fill in the below table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **E29.**  **Outflows (code)** | | **E30.**  **Month (code)** | **E31.**  **Quantity (number)** | **E32.**  **Main animal type (code)** |
| 1. | |  |  |  |
| 2. | |  |  |  |
| 3. | |  |  |  |
| 4. | |  |  |  |
| 5. | |  |  |  |
| 6. | |  |  |  |
| 7. | |  |  |  |
| 8. | |  |  |  |
| 9. | |  |  |  |
| 10. | |  |  |  |
| 11. | |  |  |  |
| 12. | |  |  |  |
| 13. | |  |  |  |
| 14. | |  |  |  |
| 15. | |  |  |  |
| **Outflows** | 1=Death, 2=Sale, 3=Exchanged Out 4=slaughter, 5= Gift Out, 6= Lost, strayed, 7=Predators, 8=Stolen, 9=Others (SPECIFY!) | | | |
| **Months** | 1=Jan, 2= Feb, 3= Mar, 4= Apr, 5= May, 6= Jun, 7=Jul, 8= Aug, 9= Sep, 10= Oct, 11=Nov, 12= Dec | | | |
| **Animal type** | 1= Bulls (>3 yrs ) 2 =Castrated adult males (oxen>3 yrs) 3= Immature males (< 3 yrs) 4= Cows (calved at least once) 5= Heifers(female ≥1yr,have not calved) 6=Female calves (between 8 wks &<1yr) 7=Male calves (between 8 wks &<1yr) 8= Pre weaning males (<8 wks) 9= Pre weaning females (<8 wks) | | | |
| **Market channel** | 1 = Butchery 2 = Abattoir 3 = Individuals 4 = Feedlots 5 = Traders 7. Retailers/Supermarkets 8. other | | | |

E33.Has any sheep/goat the household herd during the past 12 months? (Yes=1, No=2) [ ]? If yes, fill in the below table:

**Goat outflows**

|  |  |  |  |
| --- | --- | --- | --- |
| **E34. Outflows (code)** | **E35. Month (code)** | **E36. Quantity (number)** | **E37. Main animal type (code)** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |

**Sheep outflows**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **E38. Outflows (code)** | **E39. Month (code)** | | **E40. Quantity (number)** | **E41. Main animal type (code)** |
| 1. |  | |  |  |
| 2. |  | |  |  |
| 3. |  | |  |  |
| 4. |  | |  |  |
| 5. |  | |  |  |
| 6. |  | |  |  |
| 7. |  | |  |  |
| 8. |  | |  |  |
| **Outflows** | | 1=Death, 2=Sale, 3=Exchanged Out 4=slaughter, 5= Gift Out, 6= Lost, strayed, 7=Predators, 8=Stolen, 9=Others (SPECIFY!) | | |
| **Months** | | 1=Jan, 2= Feb, 3= Mar, 4= Apr, 5= May, 6= Jun, 7=Jul, 8= Aug, 9= Sep, 10= Oct, 11=Nov, 12= Dec | | |
| **Animal type** | | 1= <5 months for goats) 2=young female (pre-breeding) 3=adult female (breeding age)  4= males 5=old animals 6=Mix | | |
| **Marketing channel** | | 1 = Butchery 2 = Abattoir 3 = Individuals 4 = Feedlots 5 = Traders 7. Retailers/Supermarkets 8. other | | |

## Marketing

## Provide details on the past 12 months sales of the L&F animal

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F1. Animal type  (code a) | F2. How many animals sold? | F3. Selling month?  (Code b) | | F4. Purpose of selling (Code c) | | | F5. Marketing channel (Code d) | F6. Ave. price per animal | F7.  Mode of payment1=Cash  2=Credit  3=in-kind  4=other | | F8. If cash, after how many days do you receive payment? | | F9. If credit, what are the terms? (code e) | F10. Transportation | | | | | |
| F10. 1 Mode (code f) | | F10.2. Time taken (hrs:min) | F10.3 who pays (code g) | | F10.4 Cost/head  (pula) |
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| **a) Animal type** | | | | | | | | | **b) Selling Month** | | | | **c) PURPOSE OF SELLING** | | | | | | |
| **1**= Bulls (>3 yrs )  **2** =Castrated adult males (oxen>3 yrs)  **3**= Immature males (< 3 yrs) **4**= Cows (calved at least once) | | | | | **5**= Heifers(female ≥1yr,have not calved)  **6**=Female calves (between 8 wks &<1yr)  **7**=Male calves (between 8 wks &<1yr)  **8**= Pre weaning males (<8 wks)  **9**= Pre weaning females (<8 wks) | | | | | 1=January  2=February  3=March  4=April  5=May  6=June | | | 7=July  8=August  9=September  10=October  11=November  12=December | | 1 = To meet planned household expenses  2 = To meet emergency household expenses  3= Livestock trading as a business  4= Culling because not productive  5= Culling because sick  6 = Other: (specify in cell) | | | | |
| **d) MARKETING CHANNEL** | | | | | | **e) CREDIT MODE OF PAYMENT** | | | | | | **f) MODE OF TRANSPORTATION** | | | | | | **g) who pays** | |
| **1** = Butchery  **2** = Abattoir  **3** = Feedlots  **4** = Individuals | | | **5** = Traders  6= Retailers/Supermarkets  **7=** other | | | 1= Buyer provided access to feed  2= Buyer provided access to animal health  4= Buyer provided access to breeding services  5= Buyer provided access to household goods  6= Other: (specify in cell) | | | | | | 1 = Trekking the animal  2 = Owned Small truck for animals  3 = Hired Small truck for animals  4=Buyer pick the animal with his/her own transport  5= other (specify in cell) | | | | | | 1= your self  2= buyer pays it and deduct from the sale amount  3=other (specify in cell) | |

## Provide details on the last 12 months sales of goat and sheep

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | F11. Animal type  (code) | F12. How many animals sold? | | F13. Selling month | | F14. Purpose of selling (Code) | | F15. Marketing channel (Code) | | F16. Ave. price per animal | | | F17. Mode of payment1=Cash  2=Credit  3=in-kind  4=other | F18. If cash, after how many days do you receive payment? | F19. If credit, what are the terms? (code) | | F20. Transportation | | | | | | |
| F20.1. Mode (code) | | F20.2. Time taken (hrs:min) | | F20.3who pays (code g) | F20.4. Cost/head  (Pula) | |
| Goats |  |  | |  | |  | |  | |  | | |  |  |  | |  | |  | |  |  | |
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| Sheep |  |  | |  | |  | |  | |  | | |  |  |  | |  | |  | |  |  | |
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| **a) Animal type** | | | | | | | **b) Selling Month** | | | | | **c) PURPOSE OF SELLING** | | | | **d) MARKETING CHANNEL** | | | | | | | |
| 1= <5 months for goats)  2=young female (pre-breeding)  3=adult female (breeding age) | | | 4= males  5=old animals  6=Mix | | | | 1=January  2=February  3=March  4=April  5=May  6=June | | 7=July  8=August  9=September  10=October  11=November  12=December | | | 1 = To meet planned household expenses  2 = To meet emergency household expenses  3= Livestock trading as a business  4= Culling because not productive  5= Culling because sick  6 = Other: (specify in cell) | | | | 1 = Butchery  2 = Feedlots  3 = Individuals  4 = Traders | | | | 5. Abattoir  6. Retailers/Supermarkets  7. other (specify in cell) | | | |
| **e) CREDIT MODE OF PAYMENT** | | | | | | | | | | | **f) MODE OF TRANSPORTATION** | | | | | | | **g) Who pays** | | | | |
| 1= Buyer provided access to feed  2= Buyer provided access to animal health | | | | | 4= Buyer provided access to breeding services  5= Buyer provided access to household goods  6= Other: (specify in cell) | | | | | | 1 = Trekking the animal  2 = Owned Small truck for animals  3 = Hired Small truck for animals  4=Buyer pick the animal with his/her own transport  5= other (specify in cell) | | | | | | | 1= your self  2= buyer pays it and deduct from the sale amount  3=other (specify in cell) | | | | |

## Provide details on the last 12 months purchase of L&F animal *(cattle & change options to the relevant L&F specie)*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F21. Animal type  (code a) | F22. How many animals did you purchase? | | F23. Purchasing month (code b) | | | F24.Purpose of purchasing (Code c) | | F25. Marketing channel (Code d) | | F26. Ave. purchase price per animal | F27. Mode of payment1=Cash  2=Credit  3=in-kind  4=other | | | F28. Transportation | | | | | | |
| F28.1. Mode  (code e) | | F28.2 Time taken (hrs:min) | | F28.3 who pays (code f) | | F28.4. Cost/head  (Pula) |
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| **a) Animal type** | | | | | | | | | **b) Selling Month** | | | | | | **c) Purpose of purchasing** | | **d) MARKETING CHANNEL** | | | |
| **1**= Bulls (>3 yrs )  **2** =Castrated adult males (oxen>3 yrs)  **3**= Immature males (< 3 yrs) **4**= Cows (calved at least once) | | | | **5**= Heifers(female ≥1yr,have not calved)  **6**=Female calves (between 8 wks &<1yr)  **7**=Male calves (between 8 wks &<1yr)  **8**= Pre weaning males (<8 wks)  **9**= Pre weaning females (<8 wks) | | | | | 1=January  2=February  3=March  4=April  5=May  6=June | | | 7=July  8=August  9=September  10=October  11=November  12=December | | | 1= for fattening purpose  2= buying female cow for reproduction  3=slaughter  4= other(specify on the cell) | | **1** = Butchery  **2** = Abattoir  **3** = Feedlots  **4** = Individuals | | **5** = Traders  **6=** Retailers/Supermarkets  **7=**other | |
|  | | **e) MODE OF TRANSPORTATION** | | | | | | | | | | | **f) Who pays** | | | | | | | |
| 1 = Trekking the animal  2 = Owned Small truck for animals  3 = Hired Small truck for animals | | | | |  | | 4=Buyer pick the animal with his/her own transport  5= other (specify in cell) | | | | | | 1= your self  2= seller pays it and deduct from the purchase amount  3=other (specify in cell) | | | | | | | |

## Provide details on the last 12 months purchase of goats and sheep

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | F29. Animal type  (code a) | | F30. How many animals did you purchase? | | F31. Purchasing month  ( code b) | | F32. Purpose of purchasing (code c) | | | F33. Marketing channel (Code d) | | F34. Ave. purchase price per animal | F35. Mode of payment1=Cash  2=Credit  3=in-kind  4=other | F34 Transportation | | | | | |
| F36.1 Mode (code e) | | F36.2 Time taken (hrs:min) | | F36.3 who pays (code f) | F36.4 Cost/head  (Pula) |
| Goats |  | |  | |  | |  | | |  | |  |  |  | |  | |  |  |
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| Sheep |  | |  | |  | |  | | |  | |  |  |  | |  | |  |  |
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|  | |  | |  | |  | | |  | |  |  |  | |  | |  |  |
| **a) Animal type** | | | | | | | **b) Purchasing Month** | | | | | **c) Purpose of purchasing** | | | | **d) MARKETING CHANNEL** | | | | | |
| 1= <5 months for goats)  2=young female (pre-breeding)  3=adult female (breeding age) | | | | | 4= males  5=old animals  6=Mix | | 1=January  2=February  3=March  4=April | | 5=May  6=June  7=July  8=August | 9=September  10=October  11=November  12=December | | 1= for fattening  2= female for reproduction  3= for slaughter  4= other (specify in cell) | | | | 1 = Butchery  2 = Feedlots  3 = Individuals | | 4 = Traders  5. Abattoir  6. Retailers/Supermarkets  7. other (specify in cell) | | | |
|  | | | **e) MODE OF TRANSPORTATION** | | | | | | | | | **f) Who pays** | | | | | | | | | |
|  | | | 1 = Trekking the animal  2 = Owned Small truck for animals  3 = Hired Small truck for animals  4=Buyer pick the animal with his/her own transport  5= other (specify in cell) | | | | | | | | | 1= your self  2= seller pays it and deduct from the purchase amount  3=other (specify in cell) | | | | | | | | | |

**Other farm activities**

F37. Do you have any other income from other farm activities (Crop/feed, milk products, chicken, egg, etc.)? (Yes=1, No=2) [ ]?

If yes, fill in the table below

|  |  |  |  |
| --- | --- | --- | --- |
| F38. Crop/feed type | F39. Amount sold (Kg) | F40. Market channel (specify) | F41. Average price (Per Kg) (currency) |
| Sorghum |  |  |  |
| Millet |  |  |  |
| Maize |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| F42. Milk and chicken products | F43. Amount sold ( litre/Kg/Number) | F44. Market Channel (specify) | F45. Average price (Per litre/Kg/dozen) (currency) |
| Milk |  |  |  |
| Cheese |  |  |  |
| Butter |  |  |  |
| Chicken |  |  |  |
| Egg |  |  |  |
| Pigs |  |  |  |
| Other (specify) |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. **Other marketing and value adding activities**

G1. Did you incur any extra costs on the following? (Yes=1, No=2) [ ]? If yes, fill in the table below

|  |  |  |  |
| --- | --- | --- | --- |
| G2. Value adding activites | G3. Average cost(currency) | G4. How many people did you employ for this activity? | G5. Average cost paid for labour /per month? |
| 1. Fattening of L&F animal for sale on a particular date |  |  |  |
| 1. Fattening of L&F animal for slaughter at a particular weight |  |  |  |
| 1. Assembly of L&F animal for collection by buyer or for transport |  |  |  |
| 1. Slaughter L&F animal at home for sale |  |  |  |
| 1. Cooking and preparing of L&F products (beef, milk, cheese) for sale |  |  |  |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

What are the costs associated with the following value adding activities? Specify the costs incurred and time spent due to add value.

|  |  |  |  |
| --- | --- | --- | --- |
| G6. Elements | G7. Time spent | G8. Average cost per month? | G9. Unit  1=per kg  2=per animal  3=other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **L&F animal** | | | |
| 1. Provision of information about animals sold |  |  |  |
| 1. Looking for buyers and arranging sales |  |  |  |
| 1. Organizing transport |  |  |  |
| 1. Length of time waiting for help with veterinary problems |  |  |  |
| 1. Length of time waiting for help with veterinary products |  |  |  |
| 1. Length of time waiting for help with feed products |  |  |  |
| 1. *Other (add)* |  |  |  |
| 1. *Other (add)* |  |  |  |
| 1. *Other (add)* |  |  |  |

**Please respond to the following on quality**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cattle** | | | | | | | | | |
| G10. Channel type (Type bellow the channel which is mostly used by the farmer) use code a | G11. Rate the quality & transaction attributes that buyers look for?  1= never  2=sometimes  3=always | | |  | | G12. Is there a grading system in place? Yes=1  No=2 | G13. If yes, how many L&F from your previous sale achieved a high grade? | | G14. From your last sell, how many L&F did you not sell because of not meeting the quality attribute? |
| **Attribute** | | **Rating** |  | |  |  | |  |
|  | 1. Age | |  |  | |  | |  |
|  | 1. sex | |  |  | |  | |  |
|  | 1. Weight (measured) | |  |  | |  | |  |
|  | 1. Weight (apparent) | |  |  | |  | |  |
|  | 1. free of disease | |  |  | |  | |  |
|  | 1. Time of delivery | |  |  | |  |  | |  |
|  | 1. Place of delivery | |  |  | |  |  | |  |
|  | 1. Advanced payment | |  |  | |  |  | |  |
| **Goats/Sheep** | | | | | | | | | |
|  | 1. Age | |  |  | |  |  | |  |
|  | 1. sex | |  |  | |  |  | |  |
|  | 1. Weight (measured) | |  |  | |  |  | |  |
|  | 1. Weight (apparent) | |  |  | |  |  | |  |
|  | 1. free of disease | |  |  | |  |  | |  |
|  | 1. Time of delivery | |  |  | |  |  | |  |
|  | 1. Place of delivery | |  |  | |  |  | |  |
|  | 1. Advanced payment | |  |  | |  |  | |  |
| **a) MARKETING CHANNEL** | | | | | | | | | |
| **1** = Butchery  **2** = Abattoir  **3** = Feedlots | | **4** = Individuals  **5** = Traders  **6**= Retailers/Supermarkets | | | **7**. other | | |

1. **COORDINATION**

Please complete the following related to your buyer

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| H1. Channel type | H2. Do you use any form of sales agreement or contracts with your buyer/seller?  Yes=1  No=2 | H3. If YES, what type of sales  agreement/  contracts  1=Written  2=Verbal  3=none  4=other | H4. If sales agreement, what is pre-established?  1=weight  2=color  3=delivery date  4=price  5=quality  6=Others | H5. How often do you communicate with your buyer per month? | H6. Length of relationship ? (yrs:mths) | H7. Consequence of non-delivery of contract terms | H8. Do you have dedicated buyers?  Yes=1  No=2 | H9. Are any check-off arrangements available?  1=Yes  2=No | H10.  If yes, please specify. |
| **L&F** | | | | | | | | | |
| 1 = Butchery |  |  |  |  |  |  |  |  |  |
| 2 = Abattoir |  |  |  |  |  |  |  |  |  |
| 3 = Feedlots |  |  |  |  |  |  |  |  |  |
| 4 = Individuals |  |  |  |  |  |  |  |  |  |
| 5 = Traders |  |  |  |  |  |  |  |  |  |
| 6= Retailers  /Supermarkets |  |  |  |  |  |  |  |  |  |
| 7=Other |  |  |  |  |  |  |  |  |  |
| 8= Other |  |  |  |  |  |  |  |  |  |

## 

## Access and use of livestock related technology and inputs

## I1. Do you keep regular monitoring of your L&F (breeding/ vaccination etc.)? ( Yes=1,No=2) [ ]

|  |  |  |  |
| --- | --- | --- | --- |
|  | **1.Own bull service** | **2.Other bull service** | **3.AI service** |
| I1. Is the technology available?  (YES=1, N0=2) |  |  |  |
| J2. Do you use this technology (YES=1, N0=2) |  |  |  |
| I3.What is your usual source of breeding service? Mention the two most used sources/services (code a)(If 0, go to section J) |  | | |
| I4.Have you used this service in the last 12 months (YES=1, N0=2) |  |  |  |
| I5.What was your total expenditure during the last 12 months?(put 0 if none) |  |  |  |
| I6.What is the average cost per service? |  |  |  |
| I7.What mode of payment do you use? 1=cash; 2=in-kind? |  |  |  |
| I8.If in-kind, estimate the value in Pula? |  |  |  |
| I9.Name and contact of service provider |  |  |  |
| I10.Who made the decision to use the service/ service provider? (Code b) |  |  |  |
| I12. Do you incur any transport cost during breeding services (YES=1, N0=2) |  | | |
| I 13. If yes in I12, what is the mode of transport? (Use code c) |  | | |
| I14. What is the average annual transport cost for this service? |  |  |  |

**Breeding services access question**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Source of AI /bull service (add applicable options to the L&F type)** | | | 1. **Who makes the decision to use the service / who used the service** |
| 0=Have not done any breeding before  1= own bull  2= other farmer  3= bull schemes/village bull  4= private AI provider | 5= government/ public AI provider  6= project/ NGO AI provider  7= coop/ group AI provider  8= other, specify in cell | | 1 = household male  2 = household female  3 = joint household (male & female) in HH  4 = non-household membe5 = other, specify in cell |
| **C) Mode of transport** | | | |
| 1 = Trekking the animal  2 = Owned Small truck for animals  3 = Hired Small truck for animal | | 4=service provider pick the animal with his/her own transport  5= other (specify in cell) | |

## Animal health services: (Cost should not include transport cost related to this service, see next question on transport costs)

|  | 1.De-worming | 2.Tick control | 3.Vaccination | 4.Curative treatment | 5.Other, specify |
| --- | --- | --- | --- | --- | --- |
| J1.Is the technology available?(Yes=1, No=2) |  |  |  |  |  |
| J2. Do you use this technology? (Yes=1; No=2) |  |  |  |  |  |
| J3.How do you learn about L&F animal health service information? |  |  |  |  |  |
| J4.When was the last intervention against L&F animal diseases? (MM/YY) (00/00 = never) |  |  |  |  |  |
| J5.Against what L&F animal diseases? |  |  |  |  |  |
| J6.Was the last intervention for L&F animal preventive (P) or in treating a specific problem (T)? |  |  |  |  |  |
| J7. What was your total expenditure on preventive measures related to L&F during the last 12 months (0 if none): [Currency] |  |  |  |  |  |
| J8.What was your total expenditure on treatment measures to L&F during the last 12 months (0 if none) (Currency) |  |  |  |  |  |
| J9.When was the last intervention against small stock diseases? (MM/YY) (00/00 =never) |  |  |  |  |  |
| J10.Against what small stock diseases? |  |  |  |  |  |
| J11.Was the last intervention for small stock preventive (P) or in treating a problem (T)? |  |  |  |  |  |
| J12. What was your total expenditure on preventive measures related to small stock during the last 12 months (0 if none): [Currency: Pula] |  |  |  |  |  |
| J13.What was your total expenditure on treatment measures to small stock during the last 12 months (0 if none): [Currency] |  |  |  |  |  |
| J14.Where do you usually get this service? |  |  |  |  |  |
| J15..Who made the decision to use the service/ service provider? |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ANIMAL DISEASES** | | | **HEALTH SERVICE INFORMATION** | |
| 0= I don’t know  1= Tick-borne disease (*local name*): [e.g. East coast fever, Anaplasmosis, Babesiosis etc.)  2=Other vector-borne disease: [e.g. Trypanosomosis]  3=Notifiable diseases: [e.g. *local name* (FMD), *local name;*  (Lumpy skin), *local name*; *local name* Rabies. Etc.]  4= Routine management-related and controllable diseases: [e.g. *local name* (foot rot), Mastitis(*local name*), worms, bloat etc.)  5= Nutrition diseases and complications: [e.g. Milk fever, )  6= General frequent infections [e.g Respiratory/Pneumonia, Diarrhoea etc)  7=Skin problems [ e.g. Mange (sheep scab and sheep/goat pox etc.)   1. Reproduction diseases (e.g. abortion)   9=Other (specify in cell) | | | 0=no access to information  1=other farmers  2=buyer  3=farmers’ association  4=animal health provider  5= input supplier  6=extension agent | |
| **Where do you usually get this service** | | **WHO MAKES THE DECISION TO USE THE SERVICE / WHO USED THE SERVICE** | | |
| 1= Self/ Neighbour with professional advice  2= Self/ Neighbour without professional advice  3= Animal health service provider/paravet  4= Government veterinarian | 5= Project/ NGO staff  6= coop/ group staff  7= Agrovet shop  8=other, specify in cell | 1 = household male  2 = household female  3 = joint household (male & female) in HH | | 4 = non-household member  5 = other, specify in cell |

**DISEASE PREVALENCE**

**Respond to the following on animal disease within your cattle herd over the past 12 months:**

**J16. What diseases do you most commonly experience within your L&D ‘herd/flock’?[code] 1\_\_\_\_\_\_\_\_\_ 2.\_\_\_\_\_\_\_\_ 3.\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | a. Disease 1  [enter Code]\_\_\_\_ | | b. Disease 2  [enter Code]\_\_\_\_\_ | c. Disease 3  [enter Code]\_\_\_\_\_\_ | | d. Disease 4:  [enter Code]\_\_\_\_ |
| J17. How many L&F animal (specify) got sick (past 12 mths.)? [ Total] | | | |  | |  |  | |  |
| J.18 How many L&F animal (specify)died due to the disease? | | | |  | |  |  | |  |
| J 19. How many L&F animal (specify) did you put down/cull due to the disease? | | | |  | |  |  | |  |
| J20. What preventive practices do you use for the disease?  [enter applicable codes] | | | |  | |  |  | |  |
| J 21. How much did you spent to prevent the disease (past 12 mths.)?  Total [Currency] | | Measure 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
| Measure 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
| Measure 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
|  | |  | |  |  | |  |
| J 22. How much did you spent to treat the disease (past 12 mths.)  Total [Currency) | | Measure 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
| Measure 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
| Measure 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | |  |  | |  |
|  | |  | |  |  | |  |
| **Preventive farm management practices** | | | **Animal diseases** | | | | | | |
| 1= Vaccination  2= Dipping  3=De-worming  4= De-horning | 5= Supplementation  6= Controlled grazing  7= Clean pen/kraal  8= Other: \_\_\_\_\_\_\_\_\_\_\_\_\_ | | 1*= Local name* (FMD)  2= *Local name* (CBPP)  3= *Local name* (dermatophilus congolensis)  4= *Local name* (Lumpy skin)  5= *Local name* (Foot rot )  6= *Local name* (Heartwater) | | 7 = Liver fluke  8=Worms (helminthosis)  9= *Local name* (Pastereurellosis)  10= *Local name* (black quarter)  11= *Local name* (Calf parathyroid)  12= *Local name* (Anthrax) | | | 13= *Local name* (Rabies)  14= *Local name* Botulism)s  15= *Local name* (TB)  16= Mastitis (*Local name*)  17= Other: \_\_\_\_\_\_\_ | |

**Respond to the following on animal disease within your goat/sheep flock over the past 12 months:**

**J23. What diseases do you most commonly experience with in your GOAT/SHEEP flock?[code] 1\_\_\_\_\_\_ 2.\_\_\_\_\_\_ 3.\_\_\_\_\_\_\_ 4. \_\_\_\_\_\_**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | a. Disease 1  [Code]\_\_\_\_ | b. Disease 2  [Code]\_\_\_\_\_ | | c. Disease 3  [Code]\_\_\_\_\_\_ | d. Disease 4:  [enter Code]\_\_\_\_ |
| J24. How many goats/sheep got sick (past 12 mths.)? [ Total] | | | |  |  | |  |  |
| J.25 How many goats/sheep died due to the disease? | | | |  |  | |  |  |
| J 26. How many goats/sheep did you put down/cull due to the disease? | | | |  |  | |  |  |
| J27. What preventive practices do you use for the disease?  [enter applicable codes] | | | |  |  | |  |  |
| J 28. How much did you spent to prevent the disease (past 12 mths.)?  Total [Pula] | | Measure 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
| Measure 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
| Measure 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
|  | |  |  | |  |  |
| J 29. How much did you spent to treat the disease (past 12 mths.)  Total [Pula | | Measure 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
| Measure 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
| Measure 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  |  | |  |  |
|  | |  |  | |  |  |
| **Preventive measures/ practices** | | | **Animal disease** | | | | | |
| 1= Vaccination  2= Dipping  3=De-worming  4= Supplementation | 5= Controlled grazing  6= De-horning  7=Clean animal kraal  8= Other: \_\_\_\_\_\_\_\_\_\_\_\_ | | 1= *Local name*  (Heartwater  2= *Local name*  (Black quarter)  3= Worms (Helminthosis  4= External parasites (eg.Dikgofa)  5 = Conjunctivitis  6= Sheep scab  7= Sheep/goat pox | | | 8= *Local name*  (CBPP)  9= *Local name*  (TB)  10= *Local name*  (Rabies)  11= Abscensses  12= *Local name*  ( Botulism)  13= *Local name*  (Pastereurellosis)  14= Mastitis (*Local name*  )  15= Other: \_\_\_\_\_\_\_\_ | | |

**J30. Transport mode used in relation to animal health and associated costs**

|  |  |  |  |
| --- | --- | --- | --- |
|  | J30.1 What mode of transport do you use when you buy drugs for your animals? (Enter code) | | J30.2 What is the average annual transport cost associated with this activity? |
| 1= Cattle |  | |  |
| 2= Goats and sheep |  | |  |
| **Transport mode** | | | |
| 1= Owned car  2= = Hired car | | 4= service provider delivers the medicine 5= other………. (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  3= Taxi or bus | |

## Feeding

##### **Which are the main Feeding system that you used during the last 12 months for your different breeds and species?**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **K1. Rainy season (code a)** | | **K2. Dry season (code a)** |
| 1. L&F animal (type) local breed |  | |  |
| 1. L&F animal cross |  | |  |
| 1. L&F animal pure exotic |  | |  |
| 1. Goats |  | |  |
| 1. Sheep |  | |  |
| Code a) feeding system | | | |
| **1** = Only grazing (free-range or tethered) | | 4=Only stall feeding (zero grazing) | |
| **2** = Mainly grazing with some stall feeding | | 5=On transhumance, some animals | |
| 3= Mainly stall feeding with some grazing | | 6=on transhumance, all animals | |

##### K3. Do you grow improved fodder or pasture? (Yes=1, No=2) [ ] if No proceed to K11.

##### ***Enter different fodder and pasture species in different rows***.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| K4. Which ones?  (code a) | K5. % land under improved fodder or pasture | K6. Cut& carry (C) or Grazed in situ (G)? | K7. What seeds planting material are you using? (code b) | K8. Any treatment before feeding?  (code c) | K9. Cost per year of growing | K10. Where do you get the information on fodder/ pasture cultivation?  (code d) |
| 1. |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |
| 4. |  |  |  |  |  |  |
| 5. |  |  |  |  |  |  |
| 1. **Fodder type/pasture** | | 1. **What seeds/planting material are you using** | | 1. **Treatment** | | 1. **Information Source** |
| 1= Napier grass  2= Planted grasses. e.g. Rhodes grass  3=Fodder maize  4=Fodder shrubs (Calliandra, Sesbania, Lucaenia)  5=Other fodder legumes (Desmodium, lucern, vetch)  6=Other specify\_\_\_ | | 1=Recycled from own farm  2=Recycled from other farmers  3=Improved seeds  4=Other, specify | | 0= no treatment  1= Stored standing  2= Cut and stored loose  3=chopped using Machete  4= hand chopped using chaff cutter  5= Motorized chopping using a pulveriser   1. Motorized cut using tractor | | 1= extension agent  2= Research/ training institute  3=Coop or group  4= Private extension provider e.g. agro vet shop/ company  5 = NGO/ Project  6= other, specify |

##### K11. Do you purchase grain-based feeds as well as fodder? (Yes=1, No-2) [ ] if No proceed to K16.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| K12. Which ones?  (code a as k4) | K13. Average monthly cost during months when purchased | | K14. Number of months/ year purchase is done | | K15. Where purchased?  (code a) | K16. How do you transport the feed?(code b) | K17. Average annual transport cost for this activity? |
|  |  | |  | |  |  |  |
|  |  | |  | |  |  |  |
|  |  | |  | |  |  |  |
|  |  | |  | |  |  |  |
|  |  | |  | |  |  |  |
| 1. **Where purchased?** | | | | | | 1. **Transport mode** |  |
| 1= other farmers | | 2= market, trader | | 3= other, specify in cell | | 1= Owned car  2= = Hired car  3= Taxi or bus  4=seller provider transport  5= other………. (specify) | |

##### K16. Do you feed livestock on crop residues? (0 = No, 1 = Yes) [ ], if no proceed to K26

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| K18. Which ones? (codes a) | K19. Are they 1=grown or 2=Purchased? | K20. Any treatment?  (Codes same as in k8 Code c) | **If purchased** | | | | | |
| K21. Number of months/year purchase is done | K22. Average monthly cost during months when purchased (purchase, treatment) | | K23. Where purchased  (Codes b) | K24. How do you transport the feed?(code c) | K25. Average annual transport cost for this activity? |
| 1. |  |  |  |  | |  |  |  |
| 2. |  |  |  |  | |  |  |  |
| 3. |  |  |  |  | |  |  |  |
| 4. |  |  |  |  | |  |  |  |
| **a)Crop residues** | | | | | **b)Where purchased?** | | **c)Transport mode** | |
| 1= green/dry maize stovers and thinnings  2= cereal(wheat, barley, rice etc.) straws and millet, sorghum stalks  3=Legumes (beans, cow peas, soya, haulms etc.)  4=Root and tubers peelings (potato, cassava, bananas etc.)  5=Crop by products (sweet potato vines, cassava leaves etc.) 6= Other (specify in the cell) | | | | | 1= other farmers  2= trader  3. LAC  4= other, specify | | 1= Owned car  2= = Hired car  3= Taxi or bus  4.seller provider transport  = other………. (specify) | |

##### K26. Do you feed cattle concentrate feeds, by- products and mineral supplements or licks? [Yes=1; No=2] [ ] , if no proceed to K36.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| K27. Which ones? (Code a) | K28. Average monthly cost during months when purchased | | K29. Which animal types are fed with it? (code b) | K30. Kgs fed/ animal/ day (when fed) | | K31. How many months/ year do you feed these? | K32. Where purchased?  (code c) | | K33. Where did you get the info? (Code d) | K34. How do you transport the feed?(code d) | K35. Average annual transport cost for this activity? |
|  |  | |  |  | |  |  | |  |  |  |
|  |  | |  |  | |  |  | |  |  |  |
|  |  | |  |  | |  |  | |  |  |  |
|  |  | |  |  | |  |  | |  |  |  |
| **a)Feed type** | | **b)Animal type** | | | **c) Where purchased** | | | **d) Information source** | | **d)Transport mode** | |
| 1= Commercial dairy meal  2= Mineral blocks  3= Bran (Maize, wheat)  4=Maize germ  5=oilseed by-product (Sesame seed, cotton seed, copra, sunflower etc.)  6=Agro industrial byproducts (vegetable waste, brewer’s waste etc.)  7=other specify | | 1= all  2= cows only  3= lactating cows only  4= calves only  5= other, specify | | | 1= agrovet shop  2=other farmers  3= market, trader  4= other, specify in cell | | | 1=extension agent  2= Research/ training institute  3= coop or group  4= Private ext. provider e.g. agro vet shop/company  5 = NGO/Project  6= other, specify | | 1= Owned car  2= = Hired car  3. Taxi or bus  4. Other (Specify) | |

##### K36. Do you feed livestock on hay? (0 = No, 1 = Yes) [ ] If yes answer K36.1 to K36.6, if no go to K37

##### K36.1 Are they grown or purchased? (1 = grown, 2 = Purchased) [ ]

K36.2. Number of months/year purchase is done?

K36.3 Average monthly cost during months when purchased? [ ]( Currency)

K36.4. Where purchased Use code same as k32 above (code c). [ ]

K36.5 How do you transport the hay? Use code same as k34 above (code d). [ ]

K36.6 Average annual transport cost for transporting hay? [ ] (Currency)

##### K37. Do you vary the feeding as well as grazing depending on stage of lactation? (Yes=1, No=2) [ ]

##### K38. Do you vary the feeding and grazing depending on fattening? (Yes=1, No=2) [ ]

##### K39. Do you vary the feeding and grazing depending on animal species (e.g. Among cattle and small stock)? (Yes=1, No=2) [ ]

## Other services (Cost should include transport cost related to this service)

|  |  |  |  |
| --- | --- | --- | --- |
| K39. Type of services | K40. Is the service available?  (Yes=1, No=2) | K41. If yes, how many extension visits have you had in the last 12 months? | K42. If yes, what is your ave. cost per visit? |
| 1. **Extension visits** |  |  |  |
| 1. Cattle |  |  |  |
| 1. Small stock (goats and sheep) |  |  |  |
| 1. Crop |  |  |  |
| 1. Other, specify [ ] |  |  |  |
| 1. **Training** |  |  |  |
| 1. Cattle |  |  |  |
| 1. Small stock (goats and sheep) |  |  |  |
| 1. Crop |  |  |  |
| 1. Other, specify [ ] |  |  |  |
| 1. Information (other than extension and training) |  |  |  |

1. **Financial services and credit**

L1. Have you ever **obtained credit (loans)** for your L&F related activities? [\_\_\_]=YES [\_\_\_]=NO (tick), if no proceed to L

L2. If yes which ones? [ ] 1=Short term credit (loans) 2= Long term credit (loans) 3= both

If **Yes to L1**  indicate for **which needs** credit was obtained, **when** and from **what credit source**? (List each loan separately for long and short term

as indicated in the table)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| L3. Credit needs or use (code a) | L4. Year obtained | L5. Source of credit (code b) | | L6. As Money (1)  or Materials (2) | | L7. How much did you borrow? | L8. What was the interest rate? | | L9. What is your average monthly repayment amount? [Currency] |
| Long term credit (loan) | | | | | | | | | |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | [\_\_\_] [\_\_\_] | |  |  | |  |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | [\_\_\_] [\_\_\_] | |  |  | |  |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | [\_\_\_] [\_\_\_] | |  |  | |  |
| Short term Credit (loan) | | | | | | | | | |
| L10. Credit needs or use (code a) | L11. Year obtained | L12. Source of credit (code b) | | | L13. As Money (1)  or Materials (2) | L14. How much did you borrow? | L15. What was the interest rate? | | L16. Ave. monthly repayment amount |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | | [\_\_\_] [\_\_\_] |  |  | |  |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | | [\_\_\_] [\_\_\_] |  |  | |  |
| 1. [\_\_\_\_\_\_\_\_\_] | [\_\_\_ \_\_\_] | [\_\_\_] | | | [\_\_\_] [\_\_\_] |  |  | |  |
| 1. **Long term credit use** | | | **b)Short term credit use** | | | | | **c)Source of credit** | |
| 1= To purchase improved animals  2= For cattle housing  3 = For equipment  4= For establishing fodder  5=Other: specify  6= Other specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | 1 = Bank  2 = Private source  3 = Co-operative  4 = Project / NGO   1. =Self-help group or SACCO 2. =micro-finance institution   7 = Other | | | | | 1= To buy animals for fattening  2. To buy female animals for reproduction  3. For purchasing feeds  4. For covering transport costs  5. other (specify in cell) | |

L17. Does the household have any creditors apart from the credit obtained from (refer above question)?[ \_\_\_\_\_\_ ] 1=Yes; 2=No

L18. If yes, what is the total current debt owed? [ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ] (Currency) (may have to cut this out)

L19. If you didn’t obtain credit in either short term or long term loan, what was the reason? [ ] use code a bellow

|  |
| --- |
| 1. **REASONS FOR NO OBTAINING CREDIT** |
| 1 = I did not need it  2 = Credit not available  3 = Credit was too costly  4 = Lack of collateral  5=Do not have information  6=Fear of being unable to pay  7= never thought of it  8=Other (specify) \_\_\_\_\_\_ |

**Other financial related services**

|  |  |  |  |
| --- | --- | --- | --- |
| L20. Service | L21. Do you use the following  (Yes=1, No=2) | L22. If yes, what is your ave. monthly cost? | L23. If NO, why not? (code a) |
| 1. **Financial services** |  |  |  |
| 1. Health insurance |  |  |  |
| 1. Domestic/home insurance |  |  |  |
| 1. Crop insurance |  |  |  |
| 1. Livestock insurance |  |  |  |
| 1. **REASONS FOR NOT USING** | | | |
| 1= I do not need it  2=Not available  3= Too costly  4= Not aware of existence  5=No collateral  6=Other: specify | | | |

## 

## Membership of groups

M1. Is there any household member who is a member of a group? (Yes=1, No=2) [ ]. If No, proceed to section N.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| M2. Name of group\* | M3. Type of group (code) | M4. Main function that this group performs for you  (up to 2) | **M5. Does the group help with Livestock marketing? [Yes=1; No=2]** | **M6. Does the group help with Livestock production? [Yes=1; No=2]** | M7. How many men in the HH belong to this group? | M8. How many women in the HH belong to this group? | M9. What is annual membership fee (including levees on sale, if any, per yr.? [None=0] |
| 1. |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |
| 4. |  |  |  |  |  |  |  |
| **Type of groups (main function)** | | | | **Main functions** | | |
| 1 = social/ welfare & community development groups | | | | 1= provides access to milk market | | |
| 2 = savings and credit groups/Sacco | | | | 2= provides access to inputs and services for dairy | | |
| 3 = agricultural producer groups | | | | 3= provides training/ advisory for dairy | | |
| 4 = livestock producer groups | | | | 4= provides access to market for crops | | |
| 5 = agricultural marketing groups | | | | 5= provides access to inputs and services for crops | | |
| 6 = livestock marketing groups | | | | 6= provides training/ advisory for crops | | |
| 7 = Other, specify | | | | 7= provides ways to save money and get credit | | |
|  | | | | 8= social functions and networking | | |
|  | | | | 9=other specify | | |

*\*Complete one row per group that the household (any person) is a member of*

## 

## Labour allocation

Use household recall from the previous 1-week (7 days) and note down the season when the survey is being carried out (rainy/dry seasons).

Enter 0 under “No. of people” and “hrs./ person” for activities not carried out. Table is to be filled for activities on cattle

| N1. Type of Activity | N2.Household | | | | | | N3.2 Non-Household | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N2.1 Adult Males | | N2.2 Adult Females | | N2.3 Children  (< 15 yrs) | | N3.1 Hired Females | | | N3.2 Hired Males | | |
| N2. No. people | N3. Hrs / person/month | N4. No. people | N5. Hrs / person/month | N6. No. people | N7. Hrs / person  /month | N8. No. people | N9. Hrs / person/month | N10. Wage  /months | N11. No. people | N12. Hrs / person/month | N13. Wage/ months |
| 1. Livestock |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Non livestock |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Other1……………… |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Other2……………… |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Other3……………… |  |  |  |  |  |  |  |  |  |  |  |  |
| 1. Other4……………… |  |  |  |  |  |  |  |  |  |  |  |  |

\**Labour for whole herd*

Of your total employees (hired), how many are permanent and temporary/casual workers?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| N3. Labor Type | N4. Male | N5. Female | N6. Main two months in which labour is NEEDED (Code a) | N7. Main two months in which labour is AVAILABLE (Code a) |
| 1.Permanent |  |  |  |  |
| 2.Temporary/casual |  |  |
| a) Months:  1=January, 2=February, 3=March, 4=April, 5=May, 6=June, 7=July, 8=August, 9=September, 10=October, 11=November, 12=December | | | | |

## Household Food Security (To be answered by the person in charge of meal preparations)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O1. Household member name (same as hh roster)** | | **Code** |  | **1.Food Frequency** How many days in the past two weeks your household has eaten the following food items, prepared and/or consumed at home and what the source of the food was? | | **2**.Number of days eaten in previous 14 days? | | **3.**What was the main source of this food in the last 14 days? |
| **O2**. In the past 12 months was there ever no food to eat of any kind in your house because of lack of resources to get food? | | Yes=1  No=2 |  | Cereals /grains: millet, sorghum, maize, | |  | |  |
| Wheat flour: (include bread) | |  | |  |
| Local grains (e.g. Ugali) | |  | |  |
| Rice | |  | |  |
| **O3**. How often did this happen in the past 12 months? | | Rarely (1-2 times) ...............1  Sometimes (3-10 times) ......2  Often (> 10 times) ..............3 |  | Fruits | |  | |  |
| Vegetables | |  | |  |
| **O4**. In the past 12 months did you or any household member go to sleep at night hungry because there was not enough food? | | Yes=1  No=2 |  | Beans, peas, lentils, or nuts | |  | |  |
| Eggs | |  | |  |
| Poultry: chicken, duck, other poultry | |  | |  |
| **O5**. How often did this happen in the past 12 months? | | Rarely (1-2 times) ........... 1  Sometimes (3-10 times) ... 2  Often (> 10 times) ........... 3 |  | Beef | |  | |  |
| Pork | |  | |  |
| Lamb, goat meat | |  | |  |
| Fresh or dried fish or shellfish | |  | |  |
| Milk, cheese, yogurt, or other milk product | |  | |  |
| **O6.** In the past 12 months did you or any household member go a whole day and night without eating anything at all because there was not enough food? | | Yes=1  No=2 |  | Oils and fats | |  | |  |
| Sweets, sugar, honey | |  | |  |
| Other condiments: coffee, tea, milk in tea | |  | |  | |
| **O7**. How often did this happen in the past 12 months? | | Rarely (1-2 times) ......... 1  Sometimes (3-10 times) .... 2  Often (> 10 times) .............3.. |  | Other condiments: coffee, tea including milk in tea | |  | |  | |
| **Frequency**  0= Not eaten  1 day =1  2 days= 2 | 3 days =3  4 days= 4  5 days = 5 | | **Source of Food**  1= Own production 2=Hunting/gathering/fishing  3=Bought using cash | | 4=Borrowed (friends/relatives)  5=Gifts (friends/relatives)  6=Bought on credit  7=Received as payment | | 8=Food assistance  9=Begging | | |

### Risks and Shocks

**I will now ask you about the unfavorable events that have occurred to the household since the beginning 2012 to this date**

|  |  | |  | **QUESTIONS BELOW SHOULD BE ASKED ONLY FOR THE THREE MOST SEVERE SHOCKS AS NOTED IN QUESTION 2** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | P1. Since 2012 to this day, was the household negatively affected by any of the following events  *1---yes*  *2---no* **→go to next event** | | P 2. Rank the 3 most significant shocks you experienced - put (1) for most severe, (2) for 2nd most severe, and (3) for 3rd most severe | P3. In which year(s) did this occur?  *(2012 or 2013)* | P4. How long did the impact of the event last?  (days; 888 if ongoing) | P5. How big was the impact?  0…No impact  1…Low  2…Medium  3…High | P6. Estimate the value of the loss due to the event | P7.What did the household do to cope with this?  ( use code a) | P8How many months did it take for the household to come back to normal after the shock? |
| 1 | Drought |  |  |  |  |  |  |  |  |
| 2 | Flooding |  |  |  |  |  |  |  |  |
| 3 | Pests or diseases that affected almost all crops before harvest |  |  |  |  |  |  |  |  |
| 4 | Pests or disease attack that led to storage losses of crops or fish |  |  |  |  |  |  |  |  |
| 5 | Pests or diseases for livestock |  |  |  |  |  |  |  |  |
| 6 | Adverse weather affecting production |  |  |  |  |  |  |  |  |
| 7 | Theft of livestock |  |  |  |  |  |  |  |  |
| 8 | Theft of production tools and equipment |  |  |  |  |  |  |  |  |
| 9 | Theft of cash |  |  |  |  |  |  |  |  |
| 10 | Destruction of housing |  |  |  |  |  |  |  |  |
| 11 | Death of adult household member |  |  |  |  |  |  |  |  |
| 12 | Disablement of adult household member |  |  |  |  |  |  |  |  |
| 13 | Disablement of child household member |  |  |  |  |  |  |  |  |
| 14 | Decrease in output prices |  |  |  |  |  |  |  |  |
| 15 | Increase in input prices |  |  |  |  |  |  |  |  |
| 16 | Increase in food prices |  |  |  |  |  |  |  |  |
| 17 | Job loss by household member |  |  |  |  |  |  |  |  |
| 18 | Forced loss of tenancy of land |  |  |  |  |  |  |  |  |
| 19 | Forced migration of household |  |  |  |  |  |  |  |  |
| 20 | Communal crisis |  |  |  |  |  |  |  |  |
| 21 | Fire outbreak |  |  |  |  |  |  |  |  |
| 22 | No market for products |  |  |  |  |  |  |  |  |
| 23. | Non payment by a buyer |  |  |  |  |  |  |  |  |
| 24 | Other (please specify) |  |  |  |  |  |  |  |  |
| 1. **Coping strategy (Codes for P7)**   1…Reduce food consumption  2…reduce non food consumption  3…Work harder  4…Took up additional occupation  5…Household migrated to search for job  6…Took children out of school  7…Use savings  8…Sold assets | | | 9…Sold livestock  10…Sold land  11…Sold crops  12…Formal insurance  13…Borrow from moneylender  14…Borrow from relative  15…Borrow from non-relatives  16…Borrow from commercial bank  17…Borrow from credit union  18…Buy goods / fish on credit | | | 19…Gift from relatives  20…Gift from non-relative  21…Help with labour from relatives  22…Help with labour from non-relatives  23…Help from government  24…Help from NGOs  25…Help from mosque/church  26…Other (please specify) | | |  |

1. **Market information**

Q1. Do you have access to market information related to farming /marketing ‘commodity’? [ \_\_\_\_\_\_ ] 1=Yes 2=No

If yes from which sources and which elements do you have information on?

|  |  |  |  |
| --- | --- | --- | --- |
| Q2.Information | Q3. Tick if you have had access in the past one year | Q4. Sources (use codes bellow) | |
| 1=individual farmers  2=farmer group  3=processors  4=mass media | 5) other (specify in cell) |
| 1. Milk prices |  |  | |
| 1. Meat prices |  |  | |
| 1. Quality |  |  | |
| 1. Veterinary product prices |  |  | |
| 1. Feed prices |  |  | |
| 1. Weather |  |  | |
| 1. Other (specify) |  |  | |

***S. Other expenses***

Please detail the different costs of operations incurred by your firm

|  |  |  |  |
| --- | --- | --- | --- |
|  | S1.Input costs | S2.Annual costs | S3. Other comments (esp. units) |
| 6.8.1 | Electricity |  |  |
| 6.8.2 | Fuel for Genrator(s) |  |  |
| 6.8.4 | Purchased raw materials |  |  |
| 6.8.7 | Spares, Repairs and maintenance |  |  |
| 6.8.8 | Insurance (buildings and machinery) |  |  |
| 6.8.9 | Insurance (animals or product) |  |  |
| 6.8.13 | Fees paid to participate in auctions |  |  |
| 6.8.16 | Tax per unit of product |  |  |
| 6.8.17 | Purchase of herbicides |  |  |
| 6.8.18 | Purchase of pesticides |  |  |