

IPORE_Base

Basic Information

Name of enumerator

Name of kebele

Name of village

Collect the gps coordinates of household

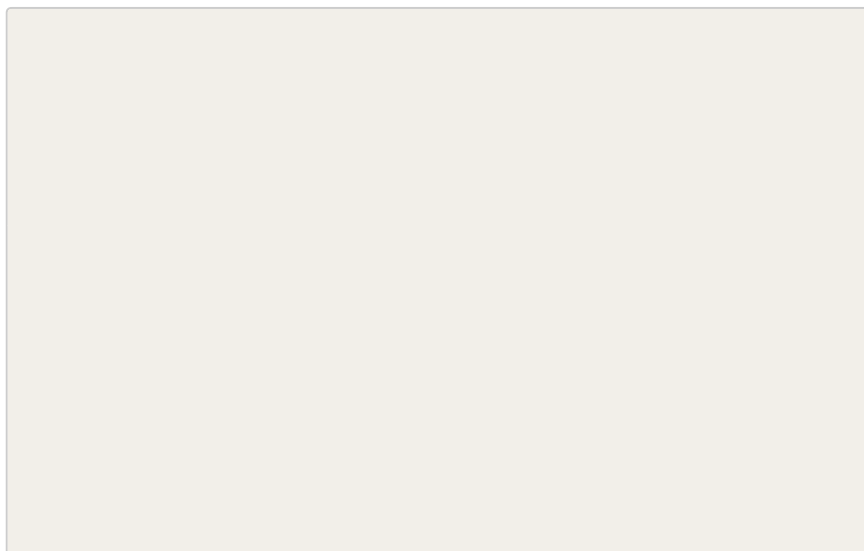
often need to be outside for successful reading

latitude (x.y °)

longitude (x.y °)

altitude (m)

accuracy (m)



Respondent Basic Information

» Head

Section 1 (ideally to be answered by Head of Household)

Name of the respondent

Is the respondent the head of household?

☐ yes

☐ no

What is respondent's relationship to the head of household?

- ☐ Head
- ☐ Spouse
- ☐ Son/Daughter
- ☐ Grandchild
- ☐ Father/Mother
- ☐ Sister/Brother
- ☐ Niece/Nephew
- ☐ Uncle/Aunt
- ☐ Grandparents
- ☐ Other Relatives
- ☐ Servant
- ☐ Non Relatives

» Respondent Status & Education**Gender of the respondent**

- ☐ Male
- ☐ Female

Age of the respondent

Years of farming experience

How many years did respondent attend school?

What was the highest education level attained?

- ☐ Not in School
- ☐ first cycle (1-4)
- ☐ second cycle (5 - 8)
- ☐ secondary education (9 - 10)
- ☐ preparatory and above

Marital Status of the household

- ☐ Married, single spouse
- ☐ Married, more than one spouse
- ☐ Single
- ☐ Divorced
- ☐ Widowed

Rest of Household Basic Information

What is the size of the respondent's household (who eat from the same pot) (including the respondent)

» Other household individuals

Information about everyone else living in the in Household.

Number other individuals living in household = NaN .

Add a new "Rest of Household" group for each individual

» Rest of Household

1

» » Name, Education etc

Name of Other Household member 1 of NaN

Age

Enter only whole years for anyone over one year, for those less than one year enter 0.1 = two months or less, 0.25 = 3 months, 0.5 = 6 months, 0.75 = 9 months, ??

Gender

- ☐ Male
- ☐ Female

Years of schooling

» » Name, Education cont etc

What is the highest education level attended by ?

- ☐ Not in School
- ☐ first cycle (1-4)
- ☐ second cycle (5 - 8)
- ☐ secondary education (9 - 10)
- ☐ preparatory and above

What is 's relationship to the head of household?

- ☐ Head
- ☐ Spouse
- ☐ Son/Daughter
- ☐ Grandchild
- ☐ Father/Mother
- ☐ Sister/Brother
- ☐ Niece/Nephew
- ☐ Uncle/Aunt
- ☐ Grandparents
- ☐ Other Relatives
- ☐ Servant
- ☐ Non Relatives

What is 's marital status?

- ☐ Married, single spouse
- ☐ Married, more than one spouse
- ☐ Single
- ☐ Divorced
- ☐ Widowed

» » Child School Attendance**Is currently attending school?**

- ☐ yes
- ☐ no

How much time does it normally take to get to school? (in minutes) ?

Why is not currently attending school?

- ☐ holiday
- ☐ sickness
- ☐ death in the family
- ☐ working for money
- ☐ fetchingwater
- ☐ fetching fuel wood
- ☐ caring siblings
- ☐ school to far away
- ☐ no money for school
- ☐ refusal to go to school
- ☐ due to shortage of food
- ☐ no teachers/school not operating

Was absent from school last month for more than a week?

- ☐ yes
- ☐ no

Why was absent ?

- ☐ holiday
- ☐ sickness
- ☐ death in the family
- ☐ working for money
- ☐ fetchingwater
- ☐ fetching fuel wood
- ☐ caring siblings
- ☐ school to far away
- ☐ no money for school
- ☐ refusal to go to school
- ☐ due to shortage of food
- ☐ no teachers/school not operating

» » Household Numbers check

Check: Info collected on : family member 1 of NaN

If all other household members accounted for - do not add another group when prompted

Add another group when prompted for next household member

Check: Number of other family members: 1.

Main Economic Household Activities

Main Economic Activities of the respondent

Primary Occupation of the respondent

- ☐ Farming
- ☐ Trading
- ☐ Handcraft
- ☐ Civil_servant
- ☐ Laborer
- ☐ Other

Major source of respondent's income

- ☐ Farming
- ☐ Trading
- ☐ Remittance
- ☐ Government transfer

Other Secondary source(s) of income

- ☐ Farming
- ☐ Trading
- ☐ Remittance
- ☐ Government transfer

» Respondent Time Use

Respondent Time Use

» » Specific Activities: Yesterday

How many hours did you spend yesterday collecting water?

Use upto 2 decimal places if necessary

How many hours did you spend yesterday collecting firewood?

Use upto 2 decimal places if necessary

How many hours did you spend yesterday cooking?

Use decimal places if necessary

» » Specific Activities: Last 7 Days

How many hours did you spend in the last seven days collecting dung?

How many hours in the last seven days did you spend supervising open grazing and/or watering of livestock?

» » General Activities: last 7 Days

How many hours in the last seven days did you spend on household agricultural activities (including livestock activities) whether for sale or for household use?

(total hours in week)

How many hours in the last seven days did you do any work for a wage, salary, commission, or any payment in kind?

How many hours in the last seven days did you run or help with any kind of non-agricultural household business, for yourself or for the household?

Excluding wage commssion labour, at any time over the last 3 months, were you employed for a job for a wage, salary, commission or any payment in kind, for anyone who is not a member of your household?

☐ yes

☐ no

» » Respondent Off Farm paid work

How would you describe the occupation of the main job you were employed in during this period? (main job = most hours)

☐ Farming

☐ Trading

☐ Handcraft

☐ Civil_servant

☐ Laborer

☐ Other

» » » Work Time

In how many months over the last 3 months did you work at this job?

During these months, approximately on average how many weeks per month did you work at this job?

During the weeks you worked on this job, approximately on average how many hours per week did you work at this job?

How much was the last payment for wages/salary for this job (birr)?

Leave blank if not known or respondent does not wish to answer

What period of time did this wages/salary payment cover?

- ☐ Hour
- ☐ Day
- ☐ Week
- ☐ Fortnight
- ☐ Month
- ☐ Quarter
- ☐ Year

At any time over the last 3 months, were you employed on wage commssion labour?

- ☐ yes
- ☐ no

» » » Respondent Work Commssion

In how many months over the last 3 months did you work on wage commssion labour ?

During these months, approximately on average how many weeks per month did you work at wage commssion labour?

During the weeks you worked on this, approximately on average how many hours per week did you work at this wage commssion labour?

Time Use for Rest of Household

» Time Use: Rest of Household

1

» » Time use (individuals > 7 years)

Time use for . Age

» » » Specific Activities: Yesterday**How many hours did spend yesterday collecting water?***Use upto 2 decimal places if necessary*

How many hours did spend yesterday collecting firewood?*Use upto 2 decimal places if necessary*

How many hours did spend yesterday cooking?*Use decimal places if necessary*

» » » Specific Activities: Last 7 days**How many hours did spend in the last seven days collecting dung?**

How many hours in the last seven days did spend supervising open grazing and/or watering of livestock?

» » » General Activities: last 7 Days**How many hours in the last seven days did spend on household agricultural activities (including livestock activities) whether for sale or for household use?***(total hours in week)*

How many hours in the last seven days did do any work for a wage, salary, commission, or any payment in kind?

How many hours in the last seven days did run or help with any kind of non-agricultural household business, big or small, for or for the household?

Excluding wage commission labour, at any time over the last 3 months, was employed for a job for a wage, salary, commission or any payment in kind, for anyone who is not a member of the household?

- ☐ yes
- ☐ no

» » » Off Farm paid work

How would you describe the occupation of the main job was employed in during this period? (main job = most hours worked)

- ☐ Farming
- ☐ Trading
- ☐ Handcraft
- ☐ Civil_servant
- ☐ Laborer
- ☐ Other

» » » »cont

In how many months over the last 3 months did work at this job?

During these months, approximately on average how many weeks per month did work at this job?

During the weeks worked on this job, approximately on average how many hours per week did work at this job?

At any time over the last 3 months, was employed on wage commssion labour?

- ☐ yes
- ☐ no

» » » Work commssion labour

In how many months over the last 3 months did work on wage commssion labour ?

During these months, approximately on average how many weeks per month did work at wage commssion labour?

During the weeks you worked on this, approximately on average how many hours per week did work at this wage commssion labour?

» Individual Health

Your Health

Were you ill during the previous month☐ yes☐ no**» » Respondent****what were the causes of your illness**☐ intestinal parasite☐ food problem☐ malaria☐ Diarrhea☐ Injury☐ Other**for how many days were you sick**

did you receive medical treatment☐ No☐ Yes**where did you receive medical treatment**☐ village extension agent☐ village clinic☐ nearby hospital**distance of the medical center from your home (km)**

amount of money spent for the medical treatment you received (birr)

Health of other individual household members

» » Health Household Members

Was ill during the previous month

- ☐ yes
- ☐ no

» » » Other individuals**what were the causes of 's illness**

- ☐ intestinal parasite
- ☐ food problem
- ☐ malaria
- ☐ Diarrhea
- ☐ Injury
- ☐ Other

for how many days was sick

did receive medical treatment

- ☐ No
- ☐ Yes

where did receive medical treatment

- ☐ village extension agent
- ☐ village clinic
- ☐ nearby hospital

distance of the medical center from your home (km)

amount of money spent for the medical treatment received (birr)

Agricultural Land & Crops

Information on Agricultural Activities

» Land Holding**total land holding measured in timad**

own cultivated land in timad

rented in land in timad

rented out land in timad

» Land Holding cont.**shared in land in timad**

shared out land in timad

total irrigatable land in timad

private grazing land in timad

settlement and backyard land in timad

number of plots operated on

» What Crops Grown?

Which Crops were Grown in the last 12 months?

Teff

☐ yes

☐ no

Maize

☐ yes

☐ no

Wheat

☐ yes

☐ no

Haricot Bean

☐ yes

☐ no

Finger Millet

☐ yes

☐ no

» What Crops Grown?

Which Crops were Grown in the last 12 months cont?

Sorghum

☐ yes

☐ no

Pepper

☐ yes

☐ no

Potato

☐ yes

☐ no

Khat

☐ yes

☐ no

Coffee

☐ yes

☐ no

Other

☐ yes

☐ no

» Teff grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Maize grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Wheat grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Haricotbean grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Fingermillet grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Sorghum grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Pepper grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Potato grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Khat grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Coffee grown in last 12 months

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

» Other grown in last 12 months

What is the main other crop grown?

Area in Timad

Amount of production in Quintal

Amount sold in Quintal

Amount used for own household consumption in Quintal

Use of Crop residues

Have you used crop residue for animal feed over the last 12 months?

☐ yes

☐ no

» Crop Residues for Feed**first major crop used for animal feed**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for animals feed over last 12 months

second major crop used for animal feed

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for animals feed over last 12 months

third major crop used for animal feed

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for animals feed over last 12 months

Over the last 3 months, on average how many days per week have you used crop residue for animal feed?

Have you used crop residue for firewood over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues for Fuel**first major crop used for fuel**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for fuel over the last 12 months

second major crop used for fuel

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for fuel over the last 12 months

third major crop used for fuel

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for fuel over the last 12 months

Over the last 3 months, on average how many days have you used crop residue as the main fuel?

Have you used crop residue for soil fertility over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues for Soil**first major crop used for soil fertility**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for soil fertility

second major crop used for soil fertility

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for soil fertility

third major crop used for soil fertility

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for soil fertility

Have you used crop residue for compost over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues for Compost**first major crop used for compost**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for compost

second major crop used for compost

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for compost

third major crop used for compost

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for compost

Have you used crop residue for housing or fencing over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues for housing or fencing**first major crop used for housing and fencing**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for houseandfence

second major crop used for housing and fencing

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for houseandfence

third major crop used for housing and fencing

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue used for houseandfence

Have you sold crop residue for income over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues Sales**first major crop used for income**

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue sold over the last 12 months

second major crop used for income

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue sold over the last 12 months

third major crop used for income

- ☐ Teff
- ☐ Maize
- ☐ Wheat
- ☐ Haricotbean
- ☐ Other

percentage of this crop residue sold over the last 12 months

over the last 3 months, what percentage of total crop residue has been sold?

Have you purchased crop residue over the last 12 months?

- ☐ yes
- ☐ no

» Crop Residues Purchases**Was this for feed?**☐ yes☐ no**Quantity purchased (kg) ?**

major crop residue purchased☐ Teff☐ Maize☐ Wheat☐ Haricotbean☐ Other**Asset ownership****Do you own a house?**☐ yes☐ no**» House construction****What is the major construction material use to make the roof of the house?**☐ Grass Roof☐ Corrugated iron☐ Crop residue☐ Plastic Sheet**What is the major construction material use to make the walls of the house?**☐ Wood, Mud and Straw☐ Mud Block☐ Brick and Cement☐ Mud, Starw and Cement☐ Crop Straw**What is the major construction material use to make the floor of the house**☐ Leveled Earth☐ Cement☐ Concrete☐ Bamboo strips

» tv & radio owned

number of TV owned

value of TV owned

number of Radio owned

value of Radio owned

» bikes & motor bikes

number of Bike owned

value of Bike owned

number of Motorbike owned

value of Motorbike owned

» fuel & phones

fuel of weeklyMB liter

fuel_expenditure of weeklyMB expenditure

number of Mobilephone owned

value of Mobilephone owned

mobile of weekly expenditure

» grinding mills

number of Gridiningmill owned

value of Grindingmill owned

fuel of weeklyGrindingM liter

fuel_expenditure of weeklyGrindingM expenditure

» water pump

number of Waterpump owned

value of Waterpump owned

Waterpump_fuel of Weekly fuel

waterpump *fuel* expenditure of weekly fuel Birr

» stoves

number of Traditionalstove owned

unit of Traditionalstove Value

number of Improvedstove owned

unit of Improvedstove Value

Over last month - what percentage of cooking was done using a Traditional stove?

» other

number of Plough owned

unit of Plough value

number of Cart owned

unit of Cart value

number of SewingMachine owned

unit of Sewingmachine value

Plots

number of plots operated on

» By Plot

Do you plant trees?

☐ yes

☐ no

Tree planting

types of tree species planted by a household

☐ Acacia

☐ Eucalyptus

☐ Tid

☐ Shiwshiwe

☐ Sesbania

☐ Moringa

» Tree planting

Why did you plant trees?

fuel wood

☐ yes

☐ no

construction material

☐ yes

☐ no

feed

☐ yes

☐ no

shelter

☐ yes

☐ no

money

☐ yes

☐ no

» Tree planting

Why did you plant trees (continued)?

fruit harvesting

☐ yes

☐ no

agroforestry

☐ yes

☐ no

live fences

☐ yes

☐ no

for mulching material

☐ yes

☐ no

Criteria used to select tree species

- ☐ availability of seedlings
- ☐ Drought tolerance
- ☐ Multipurpose nature
- ☐ Market value
- ☐ Charcoal production
- ☐ No tree side effect
- ☐ short time to establish
- ☐ need less management

areas where trees are majorly planted

- ☐ In cultivated fields
- ☐ In my backyard
- ☐ as a boarder
- ☐ along roadside
- ☐ on degraded lands

source of tree seedlings

- ☐ own nursery
- ☐ Woreda bureau of agriculture
- ☐ NGO
- ☐ Bought from market

» Seed Reliability**reliability of sources of seedlings from own nursey**

- ☐ Strongly reliable
- ☐ Reliable
- ☐ Moderately reliable
- ☐ Unreliable
- ☐ Strongly unreliable

reliability of sources of seedlings Woreda bureau of agriculture

- ☐ Strongly reliable
- ☐ Reliable
- ☐ Moderately reliable
- ☐ Unreliable
- ☐ Strongly unreliable

» Seed Reliability cont**reliability of sources of seedlings from NGO**

- ☐ Strongly reliable
- ☐ Reliable
- ☐ Moderately reliable
- ☐ Unreliable
- ☐ Strongly unreliable

reliability of sources of seedlings bought from market

- ☐ Strongly reliable
- ☐ Reliable
- ☐ Moderately reliable
- ☐ Unreliable
- ☐ Strongly unreliable

Are there naturally growing trees in your area?

- ☐ yes
- ☐ no

What are they?

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa

Tree use

Which tree species do you use (any purpose)?*indicate all that apply*

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa
- ☐ Pigoen Pea
- ☐ Lucinia
- ☐ Papaya
- ☐ Banana
- ☐ Mango
- ☐ Avocado
- ☐ Guava
- ☐ Other

Please now consider the four most important sources of trees for you (any purpose)?

» Four most important tree species

1

Four most important tree species - Selection 1

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa
- ☐ Pigoen Pea
- ☐ Lucinia
- ☐ Papaya
- ☐ Banana
- ☐ Mango
- ☐ Avocado
- ☐ Guava
- ☐ Other
- ☐ None

» » Tree**Purpose of tree species**

- ☐ Improves soil
- ☐ Provides shade
- ☐ Fodder value
- ☐ food value
- ☐ firewood purpose
- ☐ Construction material
- ☐ As a source of cash
- ☐ Charcoal Production

Where are these trees growing?

- ☐ Community woodland
- ☐ Own plot

» » » continued**source of seedlings**

- ☐ own nursery
- ☐ Woreda bureau of agriculture
- ☐ NGO
- ☐ Bought from market

» » » continued**number of trees**

When were they planted? (year)

distance of from homestead (km)

average time taken to collect wood or leaves from per week in current month (hours)

» » » continued

average quantity of leaves collected per week in current month (shekim)

average quantity of wood collected per week in current month (esir)

number of trees felled for own purpose last season

number of trees felled for sale last season

» » » continued

length of time a tree or leave serves as a firewood once collected (days)

length of time a tree or leave serves as a fodder once collected (days)

amount of food collected last season for own use (fruit trees only)

amount of food collected last season for sale (fruit trees only)

Four most important tree species - Selection 2

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa
- ☐ Pigoen Pea
- ☐ Lucinia
- ☐ Papaya
- ☐ Banana
- ☐ Mango
- ☐ Avocado
- ☐ Guava
- ☐ Other
- ☐ None

» » Tree**Purpose of tree species**

- ☐ Improves soil
- ☐ Provides shade
- ☐ Fodder value
- ☐ food value
- ☐ firewood purpose
- ☐ Construction material
- ☐ As a source of cash
- ☐ Charcoal Production

Where are these trees growing?

- ☐ Community woodland
- ☐ Own plot

» » » continued

source of seedlings

☐

own nursery

☐

Woreda bureau of agriculture

☐

NGO

☐

Bought from market

» » » continued

number of trees

When were they planted? (year)

distance of from homestead (km)

average time taken to collect wood or leaves from per week in current month (hours)

» » » continued

average quantity of leaves collected per week in current month (shekim)

average quantity of wood collected per week in current month (esir)

number of trees felled for own purpose last season

number of trees felled for sale last season

» » » **continued**

length of time a tree or leave serves as a firewood once collected (days)

length of time a tree or leave serves as a fodder once collected (days)

amount of food collected last season for own use (fruit trees only)

amount of food collected last season for sale (fruit trees only)

3

Four most important tree species - Selection 3

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa
- ☐ Pigoen Pea
- ☐ Lucinia
- ☐ Papaya
- ☐ Banana
- ☐ Mango
- ☐ Avocado
- ☐ Guava
- ☐ Other
- ☐ None

» » **Tree**

Purpose of tree species

- ☐ Improves soil
- ☐ Provides shade
- ☐ Fodder value
- ☐ food value
- ☐ firewood purpose
- ☐ Construction material
- ☐ As a source of cash
- ☐ Charcoal Production

Where are these trees growing?

- ☐ Community woodland
- ☐ Own plot

» » » continued**source of seedlings**

- ☐ own nursery
- ☐ Woreda bureau of agriculture
- ☐ NGO
- ☐ Bought from market

» » » continued**number of trees**

When were they planted? (year)

distance of from homestead (km)

average time taken to collect wood or leaves from per week in current month (hours)

» » » continued

average quantity of leaves collected per week in current month (shekim)

average quantity of wood collected per week in current month (esir)

number of trees felled for own purpose last season

number of trees felled for sale last season

» » » continued

length of time a tree or leave serves as a firewood once collected (days)

length of time a tree or leave serves as a fodder once collected (days)

amount of food collected last season for own use (fruit trees only)

amount of food collected last season for sale (fruit trees only)

Four most important tree species - Selection 4

- ☐ Acacia
- ☐ Eucalyptus
- ☐ Tid
- ☐ Shiwshiwe
- ☐ Sesbania
- ☐ Moringa
- ☐ Pigoen Pea
- ☐ Lucinia
- ☐ Papaya
- ☐ Banana
- ☐ Mango
- ☐ Avocado
- ☐ Guava
- ☐ Other
- ☐ None

» » Tree**Purpose of tree species**

- ☐ Improves soil
- ☐ Provides shade
- ☐ Fodder value
- ☐ food value
- ☐ firewood purpose
- ☐ Construction material
- ☐ As a source of cash
- ☐ Charcoal Production

Where are these trees growing?

- ☐ Community woodland
- ☐ Own plot

» » » continued

source of seedlings

- ☐ own nursery
- ☐ Woreda bureau of agriculture
- ☐ NGO
- ☐ Bought from market

» » » continued

number of trees

When were they planted? (year)

distance of from homestead (km)

average time taken to collect wood or leaves from per week in current month (hours)

» » » continued

average quantity of leaves collected per week in current month (shekim)

average quantity of wood collected per week in current month (esir)

number of trees felled for own purpose last season

number of trees felled for sale last season

» » » continued

length of time a tree or leave serves as a firewood once collected (days)

length of time a tree or leave serves as a fodder once collected (days)

amount of food collected last season for own use (fruit trees only)

amount of food collected last season for sale (fruit trees only)

» Measurement Check

Unit of measurement for leaves?

- ☐ Esir
- ☐ Shakim
- ☐ kg
- ☐ Other

Unit of measurement for wood ?

- ☐ Esir
- ☐ Shakim
- ☐ kg
- ☐ Other

» Measurement Check continued

Describe Unit of measurement for leaves

Describe Unit of measurement for wood

» What made you plant Eucalyptus?

Prefer eucalyptus because it

has cash value

☐ yes

☐ no

grows fast

☐ yes

☐ no

needs less managment

☐ yes

☐ no

thrives on poor soil

☐ yes

☐ no

its leaves and branches are used for firewood

☐ yes

☐ no

serves as an insurance in times of crop failure

☐ yes

☐ no

Grass use**» Introduction****What grass species do you grow in the last season?**

indicate all which apply

☐ Elephant grass

☐ Desho grass

☐ Alfalfa

☐ Vetivar grass

Unit of measurement for grass?

☐ Esir

☐ Shakim

☐ kg

☐ Other

Describe Unit of measurement for grass

» Elephant grass**» » last season**

area used to planted this grass type in Timad

distance of plot measured from homestead (km)

main purpose of planting grass on plot

- ☐ Fodder value
- ☐ Soil stablization
- ☐ Straw for housing construction
- ☐ mulching

source of seed

- ☐ Woreda Bureaue of Agriculture
- ☐ Research center
- ☐ Relative
- ☐ Neighbourhood
- ☐ Own nursery

» » last season**harvesting frequency of grass per month**

- ☐ Every two weeks
- ☐ Every month
- ☐ every three months
- ☐ Every six months
- ☐ Every year

amount of this grass used for own consumption ?

amount of grass used for sale purpose ?

» Desho grass**» » last season**

area used to planted this grass type in Timad

distance of plot measured from homestead (km)

main purpose of planting grass on plot

- ☐ Fodder value
- ☐ Soil stablization
- ☐ Straw for housing construction
- ☐ mulching

source of seed

- ☐ Woreda Bureau of Agriculture
- ☐ Research center
- ☐ Relative
- ☐ Neighbourhood
- ☐ Own nursery

» » last season**harvesting frequency of grass**

- ☐ Every two weeks
- ☐ Every month
- ☐ every three months
- ☐ Every six months
- ☐ Every year

amount of this grass used for own consumption ?

amount of grass used for sale purpose ?

» Alfafa grass

» » last season

area used to planted this grass type in Timad

distance of plot measured from homestead (km)

main purpose of planting grass on plot

- ☐ Fodder value
- ☐ Soil stablization
- ☐ Straw for housing construction
- ☐ mulching

source of seed

- ☐ Woreda Bureau of Agriculture
- ☐ Research center
- ☐ Relative
- ☐ Neighbourhood
- ☐ Own nursery

» » last season

harvesting frequency of grass

- ☐ Every two weeks
- ☐ Every month
- ☐ every three months
- ☐ Every six months
- ☐ Every year

amount of this grass used for own consumption ?

amount of grass used for sale purpose ?

» Vetivar grass

» » last season

area used to planted this grass type in Timad

distance of plot measured from homestead (km)

main purpose of planting grass on plot

- ☐ Fodder value
- ☐ Soil stablization
- ☐ Straw for housing construction
- ☐ mulching

source of seed

- ☐ Woreda Bureau of Agriculture
- ☐ Research center
- ☐ Relative
- ☐ Neighbourhood
- ☐ Own nursery

» » last season

harvesting frequency of grass

- ☐ Every two weeks
- ☐ Every month
- ☐ every three months
- ☐ Every six months
- ☐ Every year

amount of this grass used for own consumption ?

amount of grass used for sale purpose ?

information about livestock

» What number of**Oxen owned**

Bulls owned

Cows owned

Heifers owned

Calves owned

» What number of**Sheep owned**

Goats owned

Donkeys owned

Mules owned

Horses owned

Chickens owned

Dung use

» **cont**

Over the last 3 months, on average how much animal dung was collected each week

Unit of measurement for dung?

- ☐ kg
- ☐ dung cake equivalent
- ☐ other

on average how frequently is dung collected

- ☐ Every day
- ☐ Every other day
- ☐ Every three days
- ☐ Once a week

Describe Unit of measurement for dung

» **cont**

Over last 3 months approx what % of dung collected was

sold?

used for fuel (dungcakes?)

used for organic matter ?

used for stalk piling and drying?

for composting?

Animal feed

What types of animal feed have you used over the last 3 months?*indicate all which apply*

- ☐ Sorghum stalk
- ☐ Maize stalk
- ☐ Teff stalk
- ☐ Millet stalk
- ☐ Haricoat bean
- ☐ Green maize stalk
- ☐ Maize grain
- ☐ Atela

» Sorghum stalk

For sorghum stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» Maize stalk

For Maize stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» **Wheat stalk**

For Wheat stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» **Teff stalk**

For Teff stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» **Millet stalk**

For Millet stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» Haricot Bean stalk

For Haricot Bean stalk, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» Green Maize

For Green Maize, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» Maize Grain

For Maize Grain, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

» Atela

For Atela, over the last 3 months how much

own grown crop used as an animal feed (kg)

purchased from the market for animal feed (kg)

amount paid (Birr)

Open and pastoralist grazing**» cont**

distance to open grazing on fields of crop leftovers (km)

time to open grazing on fields of crop leftovers (hours)

member responsible for open grazing on fields of crop leftovers

- ☐ young boys
- ☐ young girls
- ☐ sons
- ☐ daughters
- ☐ elders

» cont

distance to remote areas for watering and feeding during dry seasons

time taken to remote areas for watering and feeding during dry seasons

member responsible for pastoralist grazing

- ☐ neighbours
- ☐ family relatives

information about membership to differnt institutions**copperative membership of a household**☐ yes☐ no**membership to women associations**☐ yes☐ no**membership to idir**☐ yes☐ no**membership to ekub**☐ yes☐ no**membership to local mahber**☐ yes☐ no**information about access to different institutions****Access to saving and credit**☐ yes☐ no

If there was an emergency expenditure needed for the household, how much money do you think your household would be able to borrow (in short-term loans for one year or less) from different sources? (BIRR)

information about access to different institutions**Access to crop insurance**☐ yes☐ no**Access to livestock insurance**☐ yes☐ no**Access to toilet**☐ yes☐ no**Access to telephone**☐ yes☐ no**Sources of energy****Do you have access to Electricity services?**☐ yes☐ no**» electricity****purposes for which electricity is used***indicate all which apply*☐ cooking food☐ light source☐ follow mass media☐ charging mobile☐ ironing

» » cont**availability of electricity everyday**☐ yes☐ no**access to solar panel**☐ yes☐ no**whether a household uses solar energy or not**☐ yes☐ no**purposes for which solar energy is used**☐ cooking food☐ light source☐ follow mass media☐ charging mobile☐ ironing**reasons if a household does not access solar energy**☐ not available in our area☐ its expensive☐ i am not aware of it**access to kerosene**☐ yes☐ no**» Kerosene****» » cont****purposes for which kerosene energy is used**☐ cooking food☐ light source☐ boiling water**frequency of kerosne purchase**☐ once a week☐ twice a week☐ twice a month☐ once a month

» » cont

amount of kerosene purchased in litres (typical purchase?)

kerosene station where households buy from

- ☐ village retailers
- ☐ Halaba city retailers
- ☐ gas stations in Halaba

distance travelled to get to the kerosene station in hours

money paid for transportation for one round trip

Has fuelwood been used as an energy source by the household over the last 3 months?

- ☐ yes
- ☐ no

» fuelwood use

» » cont

frequency of availability of fuelwood for use

- ☐ all the year round
- ☐ only in dry season
- ☐ only in wet season

purpose for which fuel wood energy is used for

- ☐ preparing sauce
- ☐ Baking injera
- ☐ Boiling water

On average, what was the typical amount of wood used per week over the last month for all energy uses

Unit of measurement for wood ?

- ☐ Esir
- ☐ Shakim
- ☐ kg
- ☐ Other

» » cont

Describe Unit of measurement for wood

Sources of fuelwood

- ☐ Own
- ☐ Purchased
- ☐ Communal

Which members of the household typically collect the fuelwood?

- ☐ Sons
- ☐ daughters
- ☐ Men
- ☐ Women

» » cont

What percentage of wood used over the last month was purchased?

On average what was the cost of wood purchased per unit ? (BIRR)

Over the last month, approximately what % of household cooking was done using fuelwood ?

Has charcoal been used as an energy source by the household over the last 3 months?

- ☐ yes
- ☐ no

» Charcoal fuel use

» » cont**frequency of availability of charcoal for use**

- ☐ all the year round
- ☐ only in dry season
- ☐ only in wet season

purpose for which charcoal energy is used for

- ☐ preparing sauce
- ☐ Baking injera
- ☐ Boiling water

On average, what was the typical amount of charcoal used per week over the last month for all energy uses

Unit of measurement for charcoal?

- ☐ Esir
- ☐ Shakim
- ☐ kg
- ☐ Other

» » cont**Describe Unit of measurement for charcoal**

source of Charcoal energy

- ☐ Own
- ☐ Purchased
- ☐ Communal

Which members of the household make charcoal

- ☐ Sons
- ☐ daughters
- ☐ Men
- ☐ Women

» » cont

What percentage of charcoal used over the last month was purchased?

On average what was the cost of charcoal purchased per unit ? (BIRR)

Over the last month, approximately what % of household cooking was done using charcoal?

Has crop residues been used as an energy source by the household over the last 3 months?

☐ yes

☐ no

» Crop residue fuel use

» » cont

frequency of availability of Crop Residue for use

☐ all the year round

☐ only in dry season

☐ only in wet season

purpose for which crop residue energy is used for

☐ preparing sauce

☐ Baking injera

☐ Boiling water

On average, what was the typical amount of crop residue used per week over the last month for all energy uses

Unit of measurement for Crop residue ?

☐ Esir

☐ Shakim

☐ kg

☐ Other

» » cont**Describe Unit of measurement for crop residue**

What was the source of Crop residue ?

- ☐ Own
- ☐ Purchased
- ☐ Communal

members of the household who collect crop residue

- ☐ Sons
- ☐ daughters
- ☐ Men
- ☐ Women

» » cont**What percentage of crop residue used for energy over the last month was purchased?**

On average what was the cost of crop residue purchased per unit ? (BIRR)

Over the last month, approximately what % of household cooking was done using crop residue?

the most preferred use of crop residue when it is critically scarce

- ☐ use it for housing construction
- ☐ use it as fuelwood
- ☐ use it as organic matter

Has manure or dung been used as an energy source by the household over the last 3 months?

- ☐ yes
- ☐ no

» Manure & Dung Use

» » cont**frequency of availability of manure dung for use**

- ☐ all the year round
- ☐ only in dry season
- ☐ only in wet season

source of Manure dung energy

- ☐ Own
- ☐ Purchased
- ☐ Communal

On average, what was the typical amount of dung used per week over the last month for all energy uses

Unit of measurement for dung?

- ☐ kg
- ☐ dung cake equivalent
- ☐ other

» » cont**Describe Unit of measurement for dung**

purpose for which manure dung energy is used for

- ☐ preparing sauce
- ☐ Baking injera
- ☐ Boiling water

members of the household who collect manure dung

- ☐ Sons
- ☐ daughters
- ☐ Men
- ☐ Women

» » cont

What percentage of dung used for energy over the last month was purchased?

On average what was the cost of dung purchased per unit ? (BIRR)

Over the last month, approximately what % of household cooking was done using dung?

the most preferred use from manure dung when it is critically scarce

- ☐ prepare dungcake
- ☐ use it as manure

Has biogas been used as an energy source by the household over the last 3 months?

- ☐ yes
- ☐ no

» Biogas

» » cont

frequency of availability of biogas for use

- ☐ all the year round
- ☐ only in dry season
- ☐ only in wet season

source of Biogas energy

- ☐ Own
- ☐ Purchased
- ☐ Communal

percent of manure used as bio gas energy source

» » cont**purpose for which biogas energy is used for**

- ☐ preparing sauce
- ☐ Baking injera
- ☐ Boiling water

members of the household who prepare biogas

- ☐ Sons
- ☐ daughters
- ☐ Men
- ☐ Women

Over the last month, approximately what % of household cooking was done using biogas?

Water availability and use**In most weeks in the year do you have access to pipe water?**

- ☐ yes
- ☐ no

» Pipe Water**Where do you mostly get access to pipe water?**

- ☐ Own pipe water
- ☐ Neighbour's pipe water
- ☐ Community Pipe water

How far is this pipe water from your home (km)

How long does it take to get to this source (hours)

Do you buy pipe water from this source?

- ☐ yes
- ☐ no

price paid for a liter of pipe water

Over the last 12 months was tap water unavailable from this source in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Pipe Water**for how many days per week was tap water available from this source over the 3 months?**

How far do you have to travel to get to the next pipe water point? (km)

How long does it take to travel to get to the next pipe water point? (hours)

Over the last 12 months when was tap water critically scarce or unavailable?

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

Do you buy bottled water?

- ☐ yes
- ☐ no

» Bottled water

How many liters do you buy per week?

How much do you pay for a liter? (Birr)

How frequently do you buy bottled water?

- ☐ when a family member is sick
- ☐ when we don't have other options
- ☐ normally at least once a week
- ☐ normally at least once a month

Alternative water sources

Over the last 3 months have you used any of the following sources for water (for any purpose)?*indicate all which apply*

- ☐ River
- ☐ Well
- ☐ Protected well
- ☐ Rain Water
- ☐ Spring
- ☐ Community pond
- ☐ Individually owned pond

» River**» » cont****How long does it take to get from home to this water source (in Hours)**

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from here for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for*answer all that apply*

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Well**» » cont****How long does it take to get from home to this water source (in Hours)**

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for

answer all that apply

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?

answer for all months when unavailable

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Protected Well

» » cont

How long does it take to get from home to this water source (in Hours)

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for*answer all that apply*

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Rainwater

» » cont

How long does it take to get from home to this water source (in Hours)

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for*answer all that apply*

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Spring

» » cont

How long does it take to get from home to this water source (in Hours)

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?

answer all that apply

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for

answer all that apply

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Community Pond**» » cont****How long does it take to get from home to this water source (in Hours)**

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for

answer all that apply

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?

answer for all months when unavailable

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

» Individual Pond

» » cont

How long does it take to get from home to this water source (in Hours)

Typically who is responsible for fetching water from this source?

- ☐ young boys
- ☐ young girls
- ☐ women
- ☐ men

What have you used water from this source for over the last 3 months?*answer all that apply*

- ☐ Drinking and Cooking
- ☐ Washing clothes and shower
- ☐ Personal hygiene
- ☐ Livestock watering
- ☐ Food Preparation
- ☐ Irrigation

Thinking about the quality of this water source? Indicate what uses it is good for*answer all that apply*

- ☐ for drinking and cooking
- ☐ for washing clothes
- ☐ for personal hygiene
- ☐ for livestock

Over the last 3 months was this source critically scarce/unavailable in any months?*answer for all months when unavailable*

- ☐ January
- ☐ February
- ☐ March
- ☐ April
- ☐ May
- ☐ June
- ☐ July
- ☐ August
- ☐ September
- ☐ October
- ☐ November
- ☐ December

Livestock Watering

» Alternative Livestock Watering

How far is the distance to the next alternative water point during kiremet in KM

How long does it take to travel to the next alternative water point during kiremet in Hours

How far is the distance to the next alternative water point during Bega in KM

How long does it take to travel to the next alternative water point during Bega in Hours

what is the distance to Blate river from your home measured in KM during Bega

Are there informal associations to water your livestock?

☐ yes

☐ no

with whom are the informal associations formed?

☐ Relative

☐ Neighbour

» Frequency

How frequently do you guide your livestock to a water point in kiremt ?

☐ Every day

☐ Every three days

☐ Every week

How frequently do you guide your livestock to a water point in Bega?

☐ Every day

☐ Every three days

☐ Every week

In general do you think there are problems in accessing water?

☐ yes

☐ no

what are the main water accessing problems

- ☐ Availability
- ☐ Water quality
- ☐ Conflict to access water
- ☐ Water points very far

» cont**Optional water sources when energy sources are diminished and found in nearby**

- ☐ Purchase bottled water
- ☐ Travel long distance to get water
- ☐ Drink water from sources normally not used for drinking
- ☐ Rain water harvesting

are there priorities in the community when water sources are scarce

- ☐ yes
- ☐ no

who gets the priority when water sources are scarce

- ☐ households with larger family
- ☐ Older men and women
- ☐ Pregnant women
- ☐ disabled

Is water shared equally shared among the community during water scarcity?

- ☐ yes
- ☐ no

Water Sharing**are there water sharing criteria?**

- ☐ yes
- ☐ no

who gets the priority when water is shared

- ☐ Family with larger members
- ☐ Elderly family
- ☐ family with disable parents

methods of adaptation to difficult times during times of crop failure

- ☐ eating food that are not eaten in normal times
- ☐ reducing number of meals
- ☐ selling livestock to buy food
- ☐ using savings
- ☐ selling agricultural machinery
- ☐ consuming seeds kept as planting materials
- ☐ Borrowing from friends and relatives
- ☐ participate in PSNP/food aid
- ☐ Migrate and work in nearby towns
- ☐ renting land

who gets the priority when food is limited in a household

- ☐ Husband
- ☐ elder men
- ☐ elder women
- ☐ Children
- ☐ sons
- ☐ daughters
- ☐ members who work at the farm

are there conflicts because of energy scarcity

- ☐ yes
- ☐ no

are there conflicts because of water scarcity

- ☐ yes
- ☐ no

are there conflicts because of food scarcity

- ☐ yes
- ☐ no

Optional energy sources when energy sources are diminished and found in nearby

- ☐ Cutting tree branches
- ☐ detach trees used as fences
- ☐ purchase from the market

are there priorities in the community when energy sources are scarce

- ☐ yes
- ☐ no

who gets the priority when energy sources are scarce

- ☐ households with larger family
- ☐ Older men and women
- ☐ Pregnant women
- ☐ disabled