

Appendices

Section A: Questionnaire giving to farmers in the Yendi municipality to fill.

NAME OF INSTITUTION: MENDEL UNIVERITY

TOPIC: The Status of Rural Agriculture and Food Security in the Northern Region of Ghana, a Case Study of the Yendi Municipality.

1. Gender (please check):

(a) *Male*

(b) *Female*

2. Age, Please check your age(s) in the number ranges given: -

21-30 yrs. (),

31-40 yrs. (),

41-50 yrs. (),

51-60 yrs. (),

61-70 yrs. (),

71-80 yrs. ()

3. How many are you in your household?

1-3 ()

4- 6 ()

7-10 ()

10- 13 ()

4. What is the highest educational level attained?

(a) *Below high school*

(b) *High School Diploma*

(c) *Bachelor's Degree*

(d) *Master's Degree*

(e) *Doctoral Degree*

5. Are you a full time farmer?

(a) *Yes*

(b) No

(c) Not sure.

6. How long have you been a farmer?

1-3 years (),

4-6 years (),

7-10 years ()

11-15 years (),

Other ()

7. Major source of income

Agriculture []

Trading/ Commerce []

Other.....

8. How much do you normally earned from the agricultural activities in a month?

Please state.....Ghs. Other

9. What is the main agricultural activity are you engaged in?

Cultivating []

Rearing []

Both cultivating and rearing []

Others (specify)

10. If cultivating, what type of crop do you cultivate on your land?

Beans []

Groundnuts []

Maize []

Millet []

Others (specify).....

11. If rearing, how many of the following livestock does the household have?

| Type of Livestock | Number |
|-------------------|--------|
| Cattle | |
| Goats | |
| Sheep | |
| Pigs | |
| Poultry | |
| Others..... | |

Land Access

12. Land tenure?

Own land ()

Rented ()

Family land ()

Government ()

Other ()

13. What is the size of your farm/ hectare?

1-3 ()

4-6 ()

7-9 ()

11-12 ()

Other (.....)

Technology use and Productivity

14. Which of this equipment do you use in farming?

| Equipment | Type |
|-----------|------|
| Hoe | |
| Bullocks | |
| Cutlass | |
| Tractor | |
| Other | |

15. How do you improve upon the soil's fertility?

Use of chemical fertilizer

Organic fertilizer

Mixed cropping

Others (Specify)

16. How do you control pest on your farm?

Use of pesticides

Planting of pest resistant crops

Shifting cultivation

Other (Specify)

Farmer's household food security

17. What is the major source of food in your household?

Labour exchange for food

Market purchase

Own production

Own production and

Market purchase

18. Which of these statements best describes the food eaten in your household in the last 12 months?

Enough of the kinds of food we want to eat ()

Enough but not always the kinds of food we want ()

Sometimes not enough to eat ()

Often not enough to eat ()

DK or Refuse ()

Now I'm going to read you several statements that people have made about their food Situation. For these statements, please tell me whether the statement was often true, Sometimes true, or never true for (you/your household) in the last 12 months—that is, Since last (name of current month).

19. The first statement is “(I/We) worried whether (my/our) food would run out before (I/we) got money to buy more.” in the last 12 months

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

20. “The food that (I/we) bought just didn't last, and (I/we) didn't have money to get more.” in the last 12 months

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

21. “(I/we) couldn't afford to eat balanced meal in the last 12 months?”

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

22. In the last 12 months, did (you/you or other adults in your household) ever cut the size of your meals or skip meals because there wasn't enough money for food?

Yes ()

(Skip 26) ()

DK (Skip 26) ()

23. [IF YES ABOVE, ASK] How often did this happen

Almost every month ()

Some months but not every month ()

Only 1 or 2 months ()

DK ()

24. In the last 12 months, did you ever eat less than you felt you should because there wasn't enough money for food?

No ()

DK ()

Yes ()

25. In the last 12 months, were you every hungry but didn't eat because there wasn't enough money for food?

Yes ()

No ()

DK ()

26. In the last 12 months, did you lose weight because there wasn't enough money for food?

Yes ()

No 9 ()

DK ()

27. In the last 12 months, did (you/you or other adults in your household) ever not eat for a whole day because there wasn't enough money for food?

Yes ()

No (Skip 31) ()

DK (Skip 31) ()

28. [IF YES ABOVE, ASK] How often did this happen—almost every month, some months but not every month, or in only 1 or 2 months?

Almost every month ()

Some months but not every month ()

Only 1 or 2 months ()

DK ()

Now I'm going to read you several statements that people have made about the food situation of their children. For these statements, please tell me whether the statement was OFTEN true, SOMETIMES true, or NEVER true in the last 12 months for (your child/children living in the household who are under 18 years old).

29. “(I/we) relied on only a few kinds of low-cost food to feed (my/our) child/the children) because (I was/we were) running out of money to buy food.” Was that often, sometimes, or never true for (you/your household) in the last 12 months?

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

30. “(I/We) couldn’t feed (my/our) child/the children) a balanced meal, because (I/we) Couldn’t afford that.” Was that often, sometimes, or never true for (you/your household) in the last 12 months?

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

31. "(My/Our child was/The children were) not eating enough because (I/we) just couldn't afford enough food." Was that often, sometimes, or never true for (you/your household) in the last 12 months?

Often true ()

Sometimes true ()

Never true ()

DK or Refused ()

32. In the last 12 months, since (current month) of last year, did you ever cut the size of (your child's/any of the children's) meals because there wasn't enough money for food?

Yes ()

No ()

DK ()

33. In the last 12 months, did (CHILD'S NAME/any of the children) ever skip meals because there wasn't enough money for food?

Yes ()

No (Skip 37) ()

DK (Skip 37) ()

34. [IF YES ABOVE ASK] How often did this happen—almost every month, some months but not every month, or in only 1 or 2 months?

Almost every month ()

Some months but not every month ()

Only 1 or 2 months ()

DK ()

35. In the last 12 months, (was your child/were the children) ever hungry but you just couldn't afford more food?

Yes ()

No ()

DK ()

36. In the last 12 months, did (your child/any of the children) ever not eat for a whole day because there wasn't enough money for food?

Yes ()

No ()

DK ()



Tractor for ploughing.



Cattle



A typical household



A boy holding a cutlass and a hoe.



Interaction with the farmers



Bullock for tilling the land