

**Household interview**

**Nutrition, Food Security, Jotropha and Kitchen Garden**

**THIS PORTION OF SURVEY NEEDS TO BE COMPLETED BY THE MAMA OR WOMAN WHO COOKS THE MOST IN THE HOUSEHOLD**

**A. Nutrition**

1. Now I would like to ask you about the types of foods eaten in the household over the last seven days including yesterday.

How many days during the last seven days did most people in the household eat each of the following foods either separately or combined with other food?

FOR EACH ITEM GIVEN AT LEAST ONCE IN LAST SEVEN DAYS, BEFORE PROCEEDING TO THE NEXT ITEM ASK:

In total, how many times yesterday during the day or at night did most people in this household eat:

Question	Last 7 days Number of days	Yesterday/last night Number of times
a. Any food made from grains (e.g., millet, sorghum, maize, rice, wheat, porridge or other local grains)		
b. Pumpkin, red or yellow yams or squash, carrots, or red sweet potatoes?		
c. Any other food made from roots or tubers (e.g., white potatoes, white yams, manioc, cassava, or other local roots/tubers)?		
d. Any green leafy vegetables?		
e. Mango, papaya?		
f. Any other fruits and vegetables (e.g., bananas, apples/sauce, green beans, avocados, tomatos)		
g. Meat, poultry, fish, shellfish, or eggs?		
h. Any food made from legumes (e.g., lentils, beans, soybeans, pulses, or peanuts)		
i. Cheese or yogurt?		
j. Any food made with oil, fat, or butter?		

**B. Food Security**

2. In the past four weeks, did you worry that your household would not have enough food?

0 = No (skip to Q3)

1 = Yes

1.a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

3. In the past four weeks, were you or any household member not able to eat the kinds of foods you preferred because of a lack of resources?

0 = No (skip to Q4)

1 = Yes

2a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

4. In the past four weeks, did you or any household member have to eat a limited variety of foods due to a lack of resources?

0 = No (skip to Q5)

1 = Yes

3a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

5. In the past four weeks, did you or any household member have to eat some foods that

you really did not want to eat because of a lack of resources to obtain other types of food?

0 = No (skip to Q6)

1 = Yes

4a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

6. In the past four weeks, did you or any household member have to eat a smaller meal than you felt you needed because there was not enough food?

0 = No (skip to Q7)

1 = Yes

5a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

7. In the past four weeks, did you or any household member have to eat fewer meals in a

day because there was not enough food?

0 = No (skip to Q8)

1 = Yes

6a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

8. In the past four weeks, was there ever no food to eat of any kind in your household because of lack of resources to get food?

0 = No (skip to Q9)

1 = Yes

7a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

9. In the past four weeks, did you or any household member go to sleep at night hungry

because there was not enough food?

0 = No (skip to Q10)

1 = Yes

8a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

10. In the past four weeks, did you or any household member go a whole day and night without eating anything because there was not enough food?

0 = No (skip to next question)

1 = Yes

10a. How often did this happen?

1 = Rarely (once or twice in the past four weeks)

2 = Sometimes (three to ten times in the past four weeks)

3 = Often (more than ten times in the past four weeks)

### C. Jatropha Section

11. Have you heard of the plant called jatropha?

01 Yes \_\_\_\_\_ GO TO QUESTION 2 00 No \_\_\_\_\_ --> (Go to Section D.

**Kitchen gardens)**

12. Where did you first hear of Jatropha? (Develop list)

PROBE \_\_\_\_\_

13. Have you ever grown jatropha?

01 Yes \_\_\_\_\_ **SKIP TO 15** 00 No \_\_\_\_\_ → CONTINUE to 14

14. Do you plan to grow Jatropha in the future?

01 Yes \_\_\_\_\_ 00 No \_\_\_\_\_ → if "no" go to Section D.

15. Are you currently cultivating Jatropha (mbono kaburi)?

01 Yes \_\_\_\_\_

00 No \_\_\_\_\_ **GO TO: Section D**

16. How many years have you been cultivating Jatropha?

- a. \_\_\_ Less than 1 year
- b. \_\_\_ number of years

17. Do you intercrop Jatropha with other crops?

If Yes\_\_\_ 01 GO TO 17a if No\_\_00 Go to 18

17 a. What crops do you intercrop with Jatropha? List

18. I am going to read a list of places Jatropha can be grown, please tell me which places you currently grow Jatropha. (READ LIST AND CIRCLE ALL ANSWERS THAT APPLY)

- 01 As border around a garden
- 02 As border around a plot
- 03 As a barrier to protect crops from livestock
- 04 As a barrier to protect livestock from predators
- 05 Agricultural field with jatropha only
- 06 Agricultural field with jatropha inter-cropped
- 07 Other (LIST)

19. How many (kgs) Jatropha did you harvest in the past 12 months?

- a. How many units did you keep for home use? \_\_\_\_\_
- b. How many units of Jatropha seeds did you sell in the past 12 months?\_\_\_
  - 1. What was the price per unit? \_\_\_\_\_

20. How much income did you earn from selling Jatropha in the past 12 months? (CHECK FOR CONSISTENCY OF INCOME AND SALES PER UNIT)

21. When you started growing Jatropha, did you add any new crops in addition to Jatropha?

- 01 Yes\_\_\_ SKIP TO QUESTION 21a.
- 00 No\_\_\_ SKIP TO QUESTION 21.b
- 88 DK\_\_\_\_\_ Go to 22

- 21 a. What new crops did you start to grow? \_\_\_\_\_
- 21.b What crops did you stop growing? \_\_\_\_\_
- 21.c (IF 11b. IS ANSWERED) Why? \_\_\_\_\_

22. How do you store/keep Jatropha after harvest? (List all)

- a.
- b.
- c.

23. What problems have you faced in Jatropha farming activities?

a. Problem	b. What solutions have you tried?	c. Did it solve the problem?
a.		

b.		
c.		
d.		

24. What benefits have you received from Jatropha cultivation?

14a.

14b.

14c

25. Have you ever been trained how to cultivate Jatropha

01 Yes\_\_\_\_\_ 00 No\_\_\_\_\_ What year did you attend the training?

25a. Who trained you to cultivate Jatropha? List

**PROBE**

25a1 Is that an organization from outside the village?

25a2 A trainer from this village trained by an organization from outside the village.

25a3 A farmer in the village who was growing Jatropha but was not a trainer

25a4 Other \_\_\_\_\_

26. Did the Jatropha training include how to intercrop with other crops?

01 Yes\_\_\_ 00 No\_\_\_\_\_

**Kitchen garden section**

Now I am going to ask you some questions about kitchen gardens.

27. Have you ever received training on how to grow a kitchen garden?

01 Yes\_\_\_ 00 No\_\_\_\_\_ → if no go to 28

27a. What year did you attend the kitchen garden training? \_\_\_\_\_Year

28. Do you currently have a kitchen garden?

01 Yes \_\_\_\_\_ 00 No\_\_\_\_\_ → if no end interview and THANK THEM.

29. Who trained you to cultivate a kitchen garden? (NAME)\_\_\_\_\_ (Probe to him/her the list below) Is that (READ COMPLETE LIST)

01 No one; I taught myself

02 A trainer from an organization from outside the village?

03 A trainer from this village trained by an organization from outside the village

04 Another person in this village who has a kitchen garden.

05 IF NONE OF THE ABOVE, PROBE FOR EXPLANATION: \_\_\_\_\_

30. What vegetables do you currently grow in your garden? ( LIST ALL)

31. How much of the kitchen garden produce do the people in your household consume? (READ ENTIRE SCALE).

- 01. All
- 02 More than half
- 03 About half
- 04. Less than half
- 05. None

32. How much of the kitchen garden produce do you sell? (READ ENTIRE SCALE)

- 01 All produce
- 02 More than half
- 03 About half
- 04 Less than half
- 05 None

33. What happens to the kitchen garden produce that is not consumed by your household or sold?

PROBE \_\_\_\_\_

34. Have you had any problems with this kitchen garden? Yes\_\_\_\_\_ No\_\_\_\_\_SKIP TO QUESTION 35.

a. Problem	What solutions have you tried?	. Did it solve the problem?	
a.		Yes	No
b.		Yes	No
c.		Yes	No
d.		Yes	No

35. Have you ever used a solar dryer or other means for drying vegetables?

01 Yes\_\_\_\_\_ 00 No\_\_\_\_\_

36. Have you received training in how to use a solar dryer to dry vegetables?

01 Yes\_\_\_\_\_ 00 No\_\_\_\_\_ (IF NO, END INTERVIEW AND THANK THEM)

36a. Who trained you how to use a solar dryer to dry vegetables?

List\_\_\_\_\_

PROBE

01 Is that an organization from outside the village?

02 Is that a trainer from this village trained by an organization from outside the village.

03 Is that a farmer in the village who was growing kitchen garden but was  
not a trainer

04 Other list \_\_\_\_\_

37. Do you currently use a solar dryer to dry vegetables?

01 yes \_\_\_\_\_ 00 No **IF NO, END INTERVIEW AND THANK THEM**

38 About how many (KG) of fresh vegetables did you dry in the last 12  
months?\_\_\_\_\_