# MYANMAR FARMING QUESTIONNAIRE

Respondents vs Modules

Mod1 = demogr

Mod2 = farming

Mod3 = land ownership

Mod4 = legacy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Owns | Owns and rents | Rents only | Landless |
| Farms and manages | 1,2,3,4 | 1,2,3,4 | 1,2,4 | / |
| Farms only | 1,2,3,4 | 1,2,3,4 | 1,2,4 | 1 |
| Manages only | 1,2,3,4 | 1,2,3,4 | 1,2,4 | / |
| Neither | 1,3,4 | 1,3,4 | 1 | 1 |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Module 1. Socio-demography, family and health**

1. Gender:
   1. Male
   2. Female
2. Age: \_\_\_\_\_\_\_\_
3. Current marital status – *only one response*
   1. never married
   2. married
   3. separated
   4. divorced
   5. widow/widower
4. What is the highest education grade/level you have completed – *only one response*

a. None

b. Grade 01-11

c. College

d. Vocational training

e. Undergraduate diploma

f. Graduate

g. Postgraduate diploma

h. Masters degree

i. PhD

j. Other: \_\_\_\_\_\_\_\_\_\_

1. How is your health in general?
2. Very good
3. Good
4. Fair
5. Poor
6. Very poor
7. Do you have difficulty with any of the following?
   1. Seeing, even if wearing glasses: Yes No
   2. Hearing, even if using a hearing aid: Yes No
   3. Walking: Yes No
   4. Climbing steps: Yes No
   5. Carrying heavy items: Yes No
   6. Remembering things: Yes No
   7. Concentrating: Yes No
8. For all the members living of your household, please fill in their relationship to you, gender and age:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 7. 1 Name - ID | 7.2 Relationship   1. children 2. grandchildren 3. children-in-law 4. parents 5. parents in law 6. siblings 7. other family 8. other non family | 7.3 Gender  a) male  b) female | 7.4 Age | 7.5. Works outside the village part of the year?  Yes (→ 7.6)  No | * 1. Where?  1. In another village/town in the same township 2. In another township 3. In a city in Myanmar (e.g. Yangon or Mandalay) 4. In another country |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. List former household members who have moved out:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 8.1 Relationship   1. children 2. grandchildren 3. children-in-law 4. parents 5. parents in law 6. siblings 7. other family 8. other non family | 8.2 Gender  a) male  b) female | 8.3 Age | 8.4 Reason for moving:   1. Employment (search for employment) 2. Education 3. Marriage 4. Followed family 5. Conflict 6. Other? | 8.5 Location of move   1. same building (separate household) 2. In same village/town in walking distance 3. In same village/town, not in walking distance 4. In another village/town, but close enough for regular visits 5. In another village/town, but too far for regular visits 6. In another country | 8.6 Year of move |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. How much farming land do you own?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. How much farming land do you rent?

\_\_\_\_\_\_\_\_\_\_\_\_\_

If 9. + 10. >= 0 go to question 19. [non-farmers continue with survey]

(If 9. + 10. == 0 complete questions 11-15, then exit survey)

1. Is farm work your main source of income?

Yes

No

We want to ask about your expectations of children or grandchildren who are school age or younger (not what you *want* them to do, but what you think they will decide to do).

1. Do you think that your young children will leave the village when they look for work?

a) Yes

b) No

c) Don’t know

d) not applicable

1. Would you encourage them to leave the village when they look for work?

a) Yes

b) No

c) Don’t know

d) not applicable

1. Do you think that your young grandchildren will leave the village when they look for work?

a) Yes

b) No

c) Don’t know

d) not applicable

1. Would you encourage them to leave the village when they look for work?

a) Yes

b) No

c) Don’t know

d) not applicable

Thanks, END OF SURVEY.

1. Who is responsible for managing the farmland you own and/or rent?

a) me alone

b) me and \_\_\_\_\_\_\_\_\_\_\_(use ID from question 7.1)

c) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(use ID from question 7.1)

d) tenant

if 13. not c) or d) go to question 15. [land managers continue, non-managers get asked if/when they ever managed land in the past, before continuing]

1. Did you use to manage your farmland?

a) Yes - If yes, until when? \_\_\_\_\_\_\_\_\_\_

b) No

1. Do you personally perform any of the following farming tasks:

a.) Land preparation/ploughing

b.) Harvesting

c.) Sowing, planting, transplanting

d.) weeding, spraying, pest management

1. Do you visit your fields/land most days?

a) Yes

b) No

If ALL 18 == No AND 16 == c) or d) AND 9 > 0 go to Module 3. [Only own farmland, but do not manage or work: Skip farming module and continue with land ownership history]

If ALL 18 == No AND 16 == c) or d) AND 9 == 0 END SURVEY [Who are these people? Don't farm, don't manage, don't own, but only rent. Unlikely combination, end survey!]

[Everyone else continues with farming module: Own or own&rent + Work and/or manage. ]

**Module 2. Farming:**

1. How old were you when you first started to farm land?

Age\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. List the three main crops you grow and whether or not you grow them for food, feed and or market. :

|  |  |  |  |
| --- | --- | --- | --- |
| Crop  a. sesame  b. sunflowers  c. groundnuts  d. pigeon pea/bean  e. green gram  f. other pulses  h. sorghum  I. cotton  j. rice  k. onion  l. sugarcane  m. maize  n. wheat  p. other (specify) | Food for HH (subsistence)  Yes/no | Feed (own livestock)  Yes/no | For same/market  Yes/no |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |

1. Do you own or rent oxen/bullocks/buffalo for land preparation?
   1. Own How many?
   2. Rent How many?
2. Do you own/rent a hand tractor?
   1. Own How many?
   2. Rent How many? From whom?
3. Which of your household members (use ID number from 7.1) helps with the following farming tasks?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Task | ID | ID | ID | ID.. |
| Land preparation/ploughing |  |  |  |  |
| Harvesting |  |  |  |  |
| Sowing, planting, transplanting |  |  |  |  |
| weeding, spraying, pest management |  |  |  |  |

1. If you have hired labour for the following farming tasks in the last year, please list the number of days the work was hired and the number of labourers from your village and from other villages.

(For example if two labourers were hired to harvest for 2 days, and one was from outside the village enter Days: 2, Local: 1, Outside:1)

Or rephrased: How many days of work did the [land preparation/ploughing] take this year? And how many workers did you hire to help? [Double check: “ so you had X workers helping for Y days?”] And how many of them were from outside the village? [Repeat for all 4 tasks]

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Days | Local village | Outside village |
| Land preparation/ploughing |  |  |  |
| Harvesting |  |  |  |
| Sowing, planting, transplanting |  |  |  |
| weeding, spraying, pest management |  |  |  |

1. I would like to ask some questions about changes in farming techniques and technologies as well as adoption of new techniques and technologies. Within the last five years have you:
   1. Started planting new crops? Yes/No/Don’t know
   2. Stopped growing any old crops? Yes/No/Don’t know
   3. Changed seed variety (but for the same crop)? Yes/No/Don’t know
   4. Introduced a mixed cropping or inter-cropping? Yes/No/Don’t know
   5. Introduced a new crop on fallow land/ double cropping? Yes/No/Don’t know
   6. Plant spacing? Yes/No/Don’t know
   7. Bought a hand tractor? Yes/No/Don’t know
   8. Started renting a hand tractor? Yes/No/Don’t know
   9. Started using other farm machinery (for example drum seeder, mechanical thresher)? Yes/No/Don’t know
   10. Changed your way of managing water? Yes/No/Don’t know
2. When did you last receive advice from the Agricultural Extension Services?
3. Within the last year
4. Between 1 and 2 years ago
5. More than 2 years ago
6. Never
7. If yes, what the advice about? Did you act on the advice you received?

|  |  |  |
| --- | --- | --- |
|  | Topic of advice  Yes/No | Did you take action on that advice  Yes/No |
| * 1. information on planting new crops |  |  |
| * 1. information on new seed varieties |  |  |
| * 1. inter-cropping or mixed cropping |  |  |
| * 1. double cropping on same plot |  |  |
| * 1. plant spacing |  |  |
| 1. managing pests and/or use of pesticides |  |  |
| 1. Fertilisers |  |  |
| 1. use of farm machinery |  |  |
| 1. Water management |  |  |

1. Compared with 5 years ago, do you think you are making more profit from your farming?
2. Yes
3. No
4. The **three most important sources** of my knowledge for farming the land are (note just 3 of the following)
   1. My parents and my own experience
   2. Other members of my family
   3. My neighbours
   4. Other farmers
   5. TV and radio
   6. Retailers
   7. Agricultural extension services
   8. Training I have received
   9. Traditions
   10. Other ….who or what?
5. Thinking of your main crop, do you think its yield has increased or decreased over the past 5 years?
   1. Increasing (go to question 32.)
   2. Decreasing (go to question 33)
   3. Staying the same (go to Module 3)
   4. Don’t know (go to Module 3)
6. What do you think are the TWO most important reasons for your crop yields increasing?
   1. Changed seeds
   2. Changed planting methods
   3. Better pest management
   4. Better water management
   5. New machinery
   6. Other (specify)

(go to Module 3)

1. What do you think are the TWO most important reasons for your crop yields increasing?
   1. Decline in soil quality
   2. Decline in seed quality
   3. Not enough rain when needed
   4. Too much rain at the wrong time
   5. New pests
   6. Not enough labour at harvest time
   7. Other (specify)

IF 9 == 0, got o Module 4 [ rents only]

**Module 3: Land Ownership History**

1. Start by filling in the first row on current land ownership status from answers 9. and 10. on farmland ownership and renting in 2016.

Going backwards in time, for every change in the area owned or rented fill out the double row:

- which year did the change occur

- what type of change was it

- what area of land was affected

- what was the reason for the change

Then calculate the last two columns to get the farmland status for that year.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Change  a) buy  b) sell  c) rent  d) rent out  e) inherit | Area + / - | Reason | Owned area | Rented area |
| 2016 | -------- | ----------- | ---------- | (9.) | (10.) |
|  |  |  |  | -------- | ----------- |
| -------- | ----------- | ---------- |  |  |
|  |  |  |  | -------- | ----------- |
| -------- | ----------- | ---------- |  |  |

For example: a farmer currently owns 8 acres of land and rents an additional 2 acres. He started renting the 2 acres in 2014. In 2010 he sold 5 acres. He inherited all his land in 2000. This are 3 events:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Change  a) buy  b) sell  c) rent  d) inherit | Area + / - | Reason | Owned area | Rented area |
| 2016 | -------- | ----------- | ---------- | 8 | 2 |
| 2014 | c) | 2 | Good market price of sesame | -------- | ----------- |
| -------- | ----------- | ---------- | 8 | 0 |
| 2010 | b) | 5 | Repay debt | -------- | ----------- |
| -------- | ----------- | ---------- | 13 | 0 |
| 2000 | d) | 13 | Death of parent | -------- | ----------- |
| -------- | ----------- | ---------- | 0 | 0 |

**Module 4: Future and Legacy**

1. What are **the three main challenges** that **YOU** face with farming?
   1. My health
   2. Lack of credit
   3. Debts to pay off
   4. No son or son-in-law to help on the farm
   5. Shortage of labour to hire
   6. Water supply
   7. Low prices for crops
   8. Soil quality
   9. Lack of storage capacity after harvest
   10. Unpredictable weather
   11. New pests
   12. Distance of land from home
   13. Other
2. What are **the three main challenges** that **THE COMMUNITY AS A WHOLE** face with farming?
   1. Young people leaving the village
   2. Shortage of labour to hire
   3. Low prices for crops
   4. Unpredictable weather
   5. Water supply
   6. Soil quality
   7. Lack of storage capacity after harvest
   8. Information about new farming techniques
   9. Access to machinery
   10. New pests
   11. Other

We want to ask about your expectations of children or grandchildren who are school age or younger (not what you *want* them to do, but what you think they will decide to do).

1. Do you think that your young children will leave the village when they look for work?
   1. Yes
   2. No
   3. Don’t know
   4. not applicable
2. Would you encourage them to leave the village when they look for work?
   1. Yes
   2. No
   3. Don’t know
   4. not applicable
3. Do you think that your young grandchildren will leave the village when they look for work?
   1. Yes
   2. No
   3. Don’t know
   4. not applicable
4. Would you encourage them to leave the village when they look for work?
   1. Yes
   2. No
   3. Don’t know
   4. not applicable

If 9 == 0 [Not Land owners] END SURVEY

If 9 > 0 [ Land owners]

1. What do you plan on doing with your farmland after your death? If you have different plans for different plots, please specify for each one in its own row.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Plot number | Size | Leave it to ID (7.1) | Sell it. | Other? Please specify |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |

END SURVEY