# MYANMAR FARMING QUESTIONNAIRE

**Module 1- Q1 to Q15** Themes: Household details, health, Income, credit. ALL

**Module 2 Q16 to Q48 Themes: Access to land, farm management: Respondents with access to land**

**Module 3 Q49 Challenges, future and legacy ALL respondents**

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**Module 1.**

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. We also want to know if they work outside the village for part of the year.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 |
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|  |  |  |  |
| --- | --- | --- | --- |
| Relationship  1. children  2. grandchildren  3. children in law  4. parents  5. parents in law  6. siblings | Gender  1. male  2. female | Age | Location  1. same building (separate household)  2. In same village/town.  3. In another village/town in the same township  4. In another township  5. In a city in Myanmar (e.g. Yangon or Mandalay)  6. In another country  7. No longer alive |
|  |  |  |  |
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|  |  |  |  |

1. What is the first most important source of income for your household? \_\_\_\_\_\_\_\_\_\_\_\_
2. What is the second most important source of income for your household? \_\_\_\_\_\_\_\_
3. What is the third most important source of income for your household?\_\_\_\_\_\_\_\_\_\_

Codes for Q9 to Q11:

* 1. Sale of rice/paddy
  2. Sale of sezame
  3. Sale of other cereals (maize, wheat, oats, sorghum etc)
  4. Sale of beans, pulses and peanuts
  5. Sale of vegetables
  6. Sale of other crops/agricultural products
  7. Sale of livestock or livestock products
  8. Sale of fish, prawns etc and processed fish products
  9. Casual labour – agriculture
  10. Casual labour – fishery
  11. Casual labour - forestry
  12. Casual labour – other
  13. Small business – production
  14. Small business – transport
  15. Small business – trading
  16. Regular full time employment
  17. Regular part time employment
  18. Remittances
  19. Pension
  20. Government assistance
  21. Other sources

1. What is the average total income of your household in a normal month?
   1. Less than 25,000
   2. 25,000 – 50,000
   3. 50,000 – 75,000
   4. 75-000-100,000
   5. 100,000 – 150,000
   6. 150,000 – 200,000
   7. 200,000 – 250,000
   8. 250,000 – 300,000
   9. Over 300,000
   10. Don’t know/ no response
2. How does your household income compare to the previous year?
   1. Increased
   2. Same
   3. Decreased
   4. Don’t know/no response
3. Have you taken a loan in the last 12 months?
   1. Yes
   2. No
4. Thinking of the largest loan you have taken in the last 12 months, who did you borrow from?
   1. Village Savings and Loans Association
   2. Family
   3. Friend
   4. Money lender
   5. Shopkeeper
   6. Micro-credit provider (low interest)
   7. Pre-sale of product to trader
   8. government
   9. Private bank
   10. Other(specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Module 2. Land access and management**

1. Do you own any farmland?
   1. Yes
   2. No (-> go to Q21)
2. How many acres of you own? \_\_\_\_\_\_\_\_
3. How many acres of your own land are you cultivating? \_\_\_\_\_\_\_\_\_\_
4. Are you letting out any of your farmland?
   1. Yes
   2. No (-> go to Q21)
5. How many acres of your farmland are you leasing or letting out?\_\_\_\_\_\_\_\_\_\_\_
6. Are you renting any farmland?
   1. Yes
   2. No – go to Q24
7. How many acres of land are you renting? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Those with no access to land: (17+22 == 0) go to Q49

1. How many acres of rented land are you cultivating?\_\_\_\_\_\_\_\_
2. Who is responsible for *managing* the farming activities on the land you own or rent?
   1. me alone – go to Q27
   2. me and \_\_\_\_\_\_\_\_\_\_\_(state name/ID as in Q7) go to Q27
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_( state name/ID as in Q7)
   4. A tenant – go to Q49
3. Were you in the past in charge of managing the farming activities on land you had access to?
   1. Yes
   2. No -> go to Q49
4. How many years ago did you stop being in charge of managing the farming activities on land you had access to? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ go to Q49

1. Do you visit your fields/land most days?
   1. Yes
   2. No
2. When you are no longer able to visit your land, what will you do with it? (One option only)

a. I will continue to manage the farm jointly with one of my children/children-in-laws. *Please state relationship*\_\_\_\_\_

b. I will hand over the management of the farm to one of my children/in-law. *Please state relationship* \_\_\_\_\_\_\_

c. I will continue to manage the farm jointly with another member of my family (i.e. not children or children-in-law). *Please state relationship* \_\_\_\_

d. I will hand over the management of the farm to another member of my family (i.e. not children or children-in-law). *Please state relationship* \_\_\_\_\_\_\_

e. I will rent out the land

f. I will try to sell the land

g. Something else – what? ……………….

1. How far away from your home is your land? \_\_\_\_\_\_\_\_miles/kms (*if you have more than one plot, give distance for farthest plot*)
2. Has the size of your farm (including the land you farm yourself) increased in the last five years?
   1. Yes bought \_\_\_\_\_\_\_\_\_acres
   2. Yes, rented \_\_\_\_\_\_\_\_\_acres
   3. No
3. Has the size of your farm (including the land you farm yourself) decreased in the last five years?

|  |  |  |
| --- | --- | --- |
|  | How many acres? | Reason?   1. debt 2. too large to manage 3. other |
| Sold some land |  |  |
| Let (rented out) some land |  |  |
| Gave away some land |  |  |

1. List the three main crops you grow on the land you farm and say whether or not you grow them for food, animal feed or for sale as cash crop:

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

1. Do you own or rent any of the following draught animals?

|  |  |  |  |
| --- | --- | --- | --- |
|  | Number Own | Number Rent | Number shared |
| Buffalo |  |  |  |
| Horses |  |  |  |
| Other (specify):\_\_\_\_\_\_\_\_\_\_ |  |  |  |
|  |  |  |  |

1. Do you own or rent the following agricultural machinery:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Number Own | Number Rent | Number shared |
| Plough/tiller for use with draught animals |  |  |  |
| Hand tractor (power tiller?) |  |  |  |
| Drum seeder |  |  |  |
| Tractor |  |  |  |
| Mechanical Thresher |  |  |  |
| Other (specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| Other (specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| Other (specify):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |

1. Do you have plans to purchase any agricultural machinery in the next two years?
   1. Yes
   2. No
2. Do you personally perform any of the following farming tasks:

|  |  |  |
| --- | --- | --- |
| Task | 1. Yes 2. No -> next col. | How many years ago did you stop?  (99 – never performed) |
| a.) Land preparation (ploughing) |  |  |
| b.) Harvesting |  |  |
| c.) Sowing, planting, transplanting |  |  |
| d.) Weeding, |  |  |
| e) Pest management |  |  |

1. Which of your household members (Name ID from Q7) helps with the following farming tasks? (list max 5 HH members who performed most agricultural labour)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Task* | Name/ID  Days | Name/ID  Days | Name/ID  Days | Name/ID  Days | Name/ID  Days |
| Land preparation/ploughing |  |  |  |  |  |
| Harvesting |  |  |  |  |  |
| Sowing, planting, transplanting |  |  |  |  |  |
| Weeding |  |  |  |  |  |
| Managing pests |  |  |  |  |  |

1. Did you hire labour to help with the farming tasks in the last 12 months?
   1. Yes
   2. No – go to Q40
2. What were the total number of person-days employed in the last 12 months for each of the following tasks:

|  |  |  |
| --- | --- | --- |
| Task: | From local village  Days | From outside village  Days |
| Land preparation/Ploughing |  |  |
| Harvesting |  |  |
| Sowing, planting, transplanting |  |  |
| Weeding |  |  |
| Managing pests |  |  |

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 two 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 (Government Agricultural Services)?
3. Within the last year
4. Between 1 and 2 years ago
5. More than 2 years ago
6. Never
7. If you have received advice from the Agricultural Services, 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. The **three most important sources** of my knowledge for farming the land are: (note just 3 of the following)
   1. My parents
   2. Other members of my family
   3. Other farmers
   4. TV and radio
   5. Retailers
   6. Agricultural services
   7. Training I have received
   8. Village traditions
   9. Other ….who or what?
2. Compared with 5 years ago, do you think you are making more profit from your farming?
   1. Yes
   2. No
3. 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)
4. 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)

**Module 3: Future and Legacy**

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
3. We want to know if you have any plans to sell, rent out or give away any of your land before you die.

|  |  |  |  |
| --- | --- | --- | --- |
|  | No | Yes - some | Yes - all |
| Sell |  |  |  |
| Rent out/let |  |  |  |
| Give away |  |  |  |

1. We want to know if you have any plans for your land after your death. Answer a) or b).
   1. Leave all land to one person

Yes. Who? \_\_\_\_\_\_\_\_\_\_\_ (give relationship)

No

* 1. Divide land between more than one person

Yes.