

1 | **Rice Crop Manager Mekong Delta Beta Version**

1. Where is the field?

- Mekong Delta
- Red River Delta

If Mekong Delta,

Rice Crop Manager is for use with modern rice varieties and Tai Nguyen rice. It is not for use with local or deepwater varieties.

Ask the following questions to a rice farmer

2. Where is the field?

- Province: _____
District: _____
Commune: _____
Village: _____

3. For which upcoming month for sowing rice do you need a recommendation?

- November to January
- February to April
- May to July
- August to October

4. Are you a member of a farmer group?

- No
- Yes

If member of farmer group.

5a. In which of the following are you a member? **(Can select more than 1 answer)**

- Farmer club
- Farmer friend
- Women's club
- Large (scale) field
- Others, please specify: _____

If member of farmer group,

5b. What is the name of the farmer group? _____

If member of farmer group.

5c. Do you desire a recommendation for a rice field you will manage in **selected month**?

- No
- Yes

The farmer should answer the questions for each of their rice fields for which they desire a recommendation.

6a. For how many rice fields do you desire a recommendation? **Use keypad to select the number**

Answer the following questions for your field number **(selected number)**

If not a member of farmer group or if farmer managing field(s) in farmer group (yes to question 5c),

6b. How do you name the rice field for identification? _____

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7. What is the size of the field?

Hectare ____ ha

Cong ____ cong

If cong is selected,

What is the size of a cong?

1000 m² 1200 m² 1300 m² = ____ ha

8. How many crops of rice are grown in the field this year?

One

Two

Three

9. What is the type of soil in your field?

Alluvial soil, Upper Mekong Delta

Alluvial soil, Lower Mekong Delta

Acid sulfate soil

Salinity affected soil

If the number of rice crops is 1,

10a. What was grown before the upcoming rice crop sown in **selected month**?

Rice

Shrimp

Maize

Soybean

Vegetable or melon

Other

Warning message: Rice Crop Manager does not provide a recommendation for rice- shrimp system.

If the number of rice crops is 2,

10b. What was grown before the upcoming rice crop sown in **selected month**?

Rice

Maize

Soybean

Vegetable or melon

Other

If sowing in Nov-Jan, Feb-Apr, and May-July

11a. Is a pump available for irrigating the field in the upcoming season with rice sown in **selected month**?

No

Yes

If yes (pump is available),

11b. Which best describes the irrigation of your field?

Farmer manages the pump and determines when to irrigate

Pump is operated by another person. Farmer does not control time of irrigation

12. How will your rice be established in the upcoming season with rice sown in **selected month**?

Broadcast wet seeding

Wet seeding with drum seeder

Transplanting

If crop establishment method is broadcast wet seeding or wet seeding with drum seeder,

13. Is your field flat after land preparation with no ponding of water in depressions in the field?

No

Yes

If crop establishment method is broadcast wet seeding or wet seeding with drum seeder,

14a. When is rice sown in the field? Use a calendar to select date

Month: _____

Date: _____

Warning: To receive a recommendation, date of interview should not be after the sowing date in the field.

If crop establishment method is transplanting,

14b. When is rice sown in the seed bed? Use a calendar to select date

Month: _____

Date: _____

Warning: To receive a recommendation, date of interview should not be 10 or more days after sowing date in the seed bed.

15. What variety will you grow in the upcoming season with rice sown in selected month?

Name of variety: _____

If variety is not in the list,

Please specify name: _____

Warning: Rice Crop Manager does not provide a recommendation for local varieties

Which best matches the growth duration of the variety from sowing to harvest?

85-90 days

90-105 days

105-120 days

If crop establishment method is broadcast wet seeding and wet seeding with drum seeder,

16a. What seed rate will you use for your ___ (cong or hectare) field for the upcoming season with rice sown in selected month? _____ kg

If crop establishment is transplanting,

16b. What will be the approximate seedling age at transplanting?

10-14 days

15-22 days

23 days or more

17a. Will you purchase your seed from a seed company in the upcoming season with rice sown in selected month?

No

Yes

If no (not from seed company),

17b. Will you screen your seed to select and sow only quality seed?

No

Yes

18. How much fresh unmilled rice do you typically harvest from your ___ (cong or hectare) field with sowing of selected or comparable variety in selected month?

Kilogram = _____

Ton = _____

Bucket = _____

_____ t/ha fresh weight

If selected month is November-January,

19. Was your field flooded with 1 meter water or more for 1 month or longer before the start of this season with sowing in **selected month**?

- No Yes

20. Which best describes your rice field in recent years with sowing in **selected month**?

- Adequate water supply during rice growth; no yield loss from drought or flooding
 Flooding during rice growth resulted in yield loss
 Shortage of water during rice growth resulted in yield loss

21. Which best describes your field?

- Low lying area, with high groundwater and difficulty to drain
 High lying area, easy to drain, frequent pumping required for irrigation in the winter-spring season
 Intermediate between low and high lying area

If the previous crop was rice,

22. How was rice harvested for the previous crop before the crop sown in **selected month**?

- Manual Combine Reaper

If manual or reaper,

23a. How was rice straw managed after threshing in the previous crop?

- Retained in pile, not returned to field, and not burnt
 Retained in pile, and burnt
 Returned to field and spread across field

If combine harvest,

23b. How was rice straw managed after harvest in the previous crop?

- Retained in field, and not burnt
 Retained in field, and burnt
 Removed from field

If previous crop was not vegetable or melon and if crop establishment is wet seeding,

24a. Do you apply insecticide within 30 days after sowing in **selected month**?

- No Yes

If previous crop was not vegetable or melon and if crop establishment is transplanting

24b. Do you apply insecticide within 30 days after transplanting in **selected month**?

- No Yes

If crop establishment method is wet seeding and insecticide is applied within 30 days,

25a. Will you synchronize your sowing within 1 month with that of your neighboring fields in the upcoming crop with sowing in **selected month**?

- No Yes

If crop establishment is transplanted and insecticide is applied within 30 days,

25b. Will you synchronize your transplanting within 1 month with that of your neighboring fields in the upcoming crop with sowing in **selected month**?

No Yes

If selected province (Ca Mau, Bac Lieu, Soc Trang, Tra Vinh, Ben Tre, My Tho or Tan An) is in coastal zone

26. Is your field affected by intrusion of saline water in the upcoming season with rice sown in **selected month**?

No Yes

If broadcast wet seeding and wet seeding with drum seeder,

27a. How many times from sowing to two weeks before harvest do you expect your field to dry with no standing floodwater for two days or more in the upcoming season with rice sown in **selected month**?

- None
- Once
- Twice or more

If transplanting,

27b. How many times from transplanting to two weeks before harvest do you expect your field to dry with no standing floodwater for two days or more in the upcoming season with rice sown in **selected month**?

- None
- Once
- Twice or more

If broadcast wet seeding and wet seeding with drum seeder,

28a. How long was your field flooded between harvest of the previous rice crop and sowing rice in the upcoming season with rice sown in **selected month**?

- Less than 1 month
- More than 1 month

If transplanting,

28b. How long was your field flooded between harvest of the previous rice crop and transplanting rice in the upcoming season with rice sown in **selected month**?

- Less than 1 month
- More than 1 month

29. Select one of the following fertilizer options you will use with urea for the upcoming rice crop sown in **selected month**

- DAP (18-46-0) and KCl (0-0-60)
- SSP (0-16-0) and KCl (0-0-60)
- Thermophosphate (0-15.5-0) and KCl (0-0-60)
- NPK (20-20-15)
- NPK (16-16-8)
- Other NPK source

If other NPK source,

What nutrient analysis is listed on the bag of fertilizer?

% N: _____ %P₂O₅: _____ %K₂O: _____

For the person operating *Rice Crop Manager*

Did you answer the questions through an interview of a farmer who wants to receive a recommendation?

Yes

No, a recommendation will not be given to a farmer

If recommendation is for individual farmer

Information about the farmer

Given name: _____

Surname: _____

Gender: Male Female

Birthday: Month: _____ Day: _____ Year: _____

Mobile phone number (optional): _____

Email (optional): _____

If recommendation is for farmer group

Information about the farmer group

Number of farmers in group: _____

Given name for group leader: _____

Surname for group leader: _____

Mobile phone number (optional): _____

Email (optional): _____

Information about the person operating *Rice Crop Manager with CIRCLE Manager*

Given name: _____

Surname: _____

Do you reside in Vietnam?

Yes

No

If yes,

Gender: Male Female

Profession:

Extension worker or agent

Farmer

Researcher

Loan officer

Fertilizer dealer

Others, please specify: _____

Mobile phone number (optional): _____

Email (optional): _____

If no,

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Email (optional): _____