Nutrient Manager for Rice (Bangladesh) version 1.2   **NMRice Bangladesh HTML5**

The farmer desiring a fertilizer recommendation should answer in order the following questions for their rice plot.

1. Enter location of the plot to be fertilized:

District: _____   Upazila : _____
Block : _____   Village : _____

Nutrient Manager provides recommendation for a plot. A plot is one or more parcels with similar management, variety, and soil fertility.

2. Enter a descriptive name used by the farmer for the selected rice plot: _____

3. Enter size of the plot to be fertilized.
_____ decimals   _____m^2

4. Select the season for which you need a recommendation.
O   boro   O   aman   O   aus

SET A. If the chosen season is boro season:

5. How many crops of rice do you grow in the plot each year?
O   one   O   two   O   three

If one rice crop per year:
6a. What crop was grown before the upcoming boro?
O mustard   O potato   O fallow, no crop   O other crops

If two rice crops per year:
6b. What crop was grown before the upcoming boro?
O aman rice sown before 1 August   O aman rice sown 1 August or later
O deep water aman   O mustard
O potato   O other crops

7. What is your crop establishment method in boro season?
O manual transplanting   O mechanical transplanting
O dry seeding   O wet seeding

If transplanting boro:
8a. When is the sowing date of boro in the nursery?

Select a month
O November   O December   O January   O February

Select a week:
O first week   O second week   O third week   O fourth week

8b. When is the sowing date of boro in the plot?

　　Select a month
　　O November　　　　　O December　　　　O January　　O February

　　Select a week:
　　O first week　　　　　O second week　　　O third week　O fourth week

9. What variety will you grow for the boro season?

　　Name of the variety: _____

10. What is the expected age of transplanted seedlings?

　　　　O 20-29 days　　　　　O 50-59 days
　　　　O 30-39 days　　　　　O more than 60 days
　　　　O 40-49 days

11. Enter the total yield of sun-dried, unmilled rice obtained from your _____ decimal plot for the boro season in the previous years.

　　Grain yield in maund (1 maund = 40 kg): _____

12. Which of the following best describes the height of rice stems (stubble) left in your field plot after harvest of previous rice?
　　　　O Less than 4 inches
　　　　O 4 to 10 inches
　　　　O More than 10 inches

13. Is your plot low lying and under water for more than 1 month during monsoon rain?
　　O no　　　　　　　O yes

14. Which best describes the position of your plot in the landscape?
　　O Higher lying area without flooding or sediment accumulation during the monsoon
　　O Lower lying area where water from heavy rainfall accumulates

15. Which best describes the soil in your plot?
　　O Light soil　　　O Heavy soil

16. Will you apply organic materials in your ___ decimal field plot to boro this year?
　　O no　　　　　　　O yes

Select the organic materials to be applied in your ___ decimal plot and indicate the number of buckets and weight of a bucket in kg.

Organic material	Number of buckets	Weight of bucket in kg
O cow dung (decomposed)	_____	_____
O poultry manure	_____	_____
O vermicompost	_____	_____
O compost	_____	_____
O press mud	_____	_____
O ash from cooking stove	_____	_____

17. Will you use the LCC for N management?
    O no   O yes

If yes
Options for using LCC:
    O Fixed-time N using LCC
    O Real-time N using LCC

18. Which P-containing fertilizer will you use this upcoming boro season?

    O TSP (0-46-0)
    O DAP (18-46-0)

Do you answer the previous questions as an interview of a farmer to obtain a recommendation for a farmer's plot? (To be answered by person interviewing the farmer.)
    O yes   O no, the recommendation will not be given to a farmer

If yes,

Information about the farmer

Given name: _____

Surname: _____

National ID number: _____

Age: _____

Gender:

O male   O female

Mobile phone number: _____

Email: _____

5. How many crops of rice do you grow in the plot each year?
    O one   O two   O three

 If one rice crop per year:
6a. What crop was grown before the upcoming aman?
    O jute   O maize   O legume
    O potato   O wheat   O other crops
    O oil seed crop   O fallow, no crop

If two rice crops per year:
6b. What crop was grown before the upcoming aman?
    O aus rice   O boro rice sown before 1 February O boro rice sown 1 February or later
    O jute   O maize   O legume
    O potato   O wheat   O other crops
    O oil seed crop

7. What is your crop establishment method in aman season?
    O manual transplanting   O mechanical transplanting
    O dry seeding   O wet seeding

If transplanting aman:
8a. When is the sowing date of aman in the nursery?
    Select a month
    O June   O July   O August

    Select a week:
    O first week   O second week   O third week   O fourth week

If direct-seeding aman:
8b. When is the sowing date of aman in the plot?
    Select a month
    O June   O July   O August

    Select a week:
    O first week   O second week   O third week   O fourth week

9. Will you use supplemental irrigation for your aman rice?
    O no   O yes

10. What variety will you grow for the aman season?
     Name of the variety: _____

11. Enter the total yield of sun-dried, unmilled rice obtained from your _____ decimal plot for the
    aman season in the previous years.

    Grain yield in maund (1 maund = 40 kg): _____

12. Which of the following best describes the height of rice stems (stubble) left in your field plot after harvest of previous rice?
    O Less than 4 inches
    O 4 to 10 inches
    O More than 10 inches

13. Is your plot low lying and under water for more than 1 month during monsoon rain?
    O no   O yes

14. Which best describes the position of your plot in the landscape?
    O Higher lying area without flooding or sediment accumulation during the monsoon
    O Lower lying area where water from heavy rainfall accumulates

15. Which best describes the soil in your plot?
    O Light soil   O Heavy soil

16. Will you apply organic materials in your ___ decimal field plot to aman this year?
    O no   O yes

Select the organic materials to be applied in your ___ decimal plot and indicate the number of buckets and weight of a bucket in kg.

Organic material	Number of buckets	Weight of bucket in kg
O cow dung (decomposed)	_____	_____
O poultry manure	_____	_____
O vermicompost	_____	_____
O compost	_____	_____
O press mud	_____	_____
O ash from cooking stove	_____	_____

17. Will you use the LCC for N management?
    O no   O yes

Options for using LCC:

    O Fixed-time N using LCC   O Real-time N using LCC

18. Which P-containing fertilizer will you use this upcoming aman season?
    O TSP (0-46-0)
    O DAP (18-46-0)

Do you answer the previous questions as an interview of a farmer to obtain a recommendation for a farmer's plot? (To be answered by person interviewing the farmer.)

  O yes   O no, the recommendation will not be given to a farmer

If yes,

Information about the farmer

Given name: _____

Surname: _____

National ID number: _____

Age: _____

Gender:

O male   O female

Mobile phone number: _____

Email: _____

SET C. If the chosen season is aus season:

5. How many crops of rice do you grow in the plot each year?
      O one   O two   O three

If one rice crop per year:
6a. What crop was grown before the upcoming aus?
      O mustard   O potato   O other crops

If two rice crops per year:
6b. What crop was grown before the upcoming aus?
      O mustard   O potato   O boro rice
      O aman rice   O other crops

7. What is your crop establishment method in aus season?
      O manual transplanting   O mechanical transplanting
      O dry seeding   O wet seeding

If transplanting aus:
8a. When is the sowing date of aus in the nursery?
      Select a month
      O April   O May
      Select a week:
      O first week   O second week   O third week   O fourth week

If direct-seeding aus:
8b. When is the sowing date of aus in the plot?

      Select a month
      O April   O May

      Select a week:
      O first week   O second week   O third week   O fourth week

9. What variety will you grow for the aus season?

      Name of the variety: _____

10. Enter the total yield of sun-dried, unmilled rice obtained from your _____ decimal plot for the aus season in the previous years.

      Grain yield in maund (1 maund = 40 kg): _____

If rice was the previous crop grown before this aus,
11. Which of the following best describes the height of rice stems (stubble) left in your field plot after harvest of previous rice?
      O Less than 4 inches
      O 4 to 10 inches
      O More than 10 inches

12. Is your plot low lying and under water for more than 1 month during monsoon rain?
     O no   O yes

If no,

13. Which best describes the position of your plot in the landscape?
     O Higher lying area without flooding or sediment accumulation during the monsoon
     O Lower lying area where water from heavy rainfall accumulates

14. Which best describes the soil in your plot?
     O Light soil   O Heavy soil

15. Will you apply organic materials in your ___ decimal field plot to aus this year?
     O no   O yes

If yes,

Select the organic materials to be applied in your ___ decimal plot and indicate the number of buckets and weight of a bucket in kg.

Organic material	Number of buckets	Weight of bucket in kg
O cow dung (decomposed)	_____	_____
O poultry manure	_____	_____
O vermicompost	_____	_____
O compost	_____	_____
O press mud	_____	_____
O ash from cooking stove	_____	_____

16. Will you use the LCC for N management?
     O no   O yes

If yes,

Options for using LCC:

     O Fixed-time N using LCC   O Real-time N using LCC

17. Which P-containing fertilizer will you use this upcoming aus season?
     O TSP (0-46-0)
     O DAP (18-46-0)

Do you answer the previous questions as an interview of a farmer to obtain a recommendation for a farmer's plot? (To be answered by person interviewing the farmer.)
     O yes   O no, the recommendation will not be given to a farmer

Information about the farmer

Given name: _____

Surname: _____

National ID number: _____

Age: _____

Gender:

O male   O female

Mobile phone number: _____

Email: _____