

Rice Crop Manager Odisha Version 1.0 (RCM OD v1.0)

The farmer should answer the questions for their rice field for the season in which they desire recommended management practices.

1. Where is the field?

District: _____
Block / Municipality / Notified Area Council (NAC): _____
Gram Panchayat (GP) / Ward: _____
Village: _____

A field is one or more parcels with similar management, variety, and soil fertility.

2. What name for identification do you use for the rice field to be provided with an RCM recommendation? _____

Note: Use a descriptive name that the farmer can easily associate to the field to be provided with RCM recommendation. Only 3 to 30 alphanumeric characters can be used for field name.

3. What is the size of the field of the field to be provided with an RCM recommendation?

_____ acre _____ decimal _____ mana _____ guntha

If selected field size is in decimal,

Is 100 decimal equal to 1 acre?

Yes No **If no,** How many decimal in 1 acre? _____

If selected field size is in mana,

Is 1.4 mana equal to 1 acre?

Yes No **If no,** How many mana in 1 acre? _____

If selected field size is in guntha,

Is 25 guntha equal to 1 acre?

Yes No **If no,** How many guntha in 1 acre? _____

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

One Two Three

5. For which upcoming season do you need a recommendation?

Rabi Kharif

6. How do you plan to water your field in the upcoming **rabi** season?

Irrigated - assured Rainfed

7. How will your crop be established in the upcoming **rabi** season?

Manual transplanting Mechanical transplanting Mechanized dry seeding in lines

If manual transplanting,

- 8a. How do you prepare your nursery?

Raised bed Flat bed

If mechanical transplanting,

8b. Do you prepare your nursery?

- Yes No

If yes,

Have you received training for mat nursery?

- Yes No

If transplanting,

9a. When is rice sown in the nursery?

Select a month:

- November December January February

Enter a date: _____

If mechanized dry seeding in lines,

9b. When is rice sown in the field?

Select a month:

- November December January February

Enter a date: _____

If transplanting,

10. Will you apply any fertilizer during the nursery preparation?

- No Yes

If yes,

What nutrient will you apply? Select from the following options.

- Compost Urea MOP
 DAP 15-15-15 10-26-26
 16-16-16 14-35-14

11. What variety will you grow for the upcoming **rabi** season?

Name of the variety: _____

If variety is not in the list,

Please specify name: _____

If transplanting,

What is the growth duration of the variety from sowing in the nursery to harvest?

- 71-80 days 81-90 days 91-100 days 101-110 days
 111-120 days 121-130 days 131-140 days 151-160 days

If dry seeding,

What is the growth duration of the variety from sowing in the field to harvest?

- 61-70 days 71-80 days 81-90 days 91-100 days
 101-110 days 111-120 days 121-130 days 141-150 days

If manual or mechanical transplanting,

12. What is the approximate seedling age at transplanting?

15 to 20 days

21 to 30 days

31 to 40 days

13. How much sun-dried, unmilled rice do you typically harvest from your field during the **rabi** season using **selected variety** or a comparable variety?

If field size is expressed in acre,

Grain yield: _____ quintal for _____ acre

If field size is expressed in decimal,

Grain yield: _____ quintal for _____ decimal

If field size is expressed in mana,

Grain yield: _____ quintal for _____ mana

If field size is expressed in guntha,

Grain yield: _____ quintal for _____ guntha

14. How was the previous rice crop harvested?

Manual or use of reaper

Combine

If manual harvest or use of reaper,

What portion of residue from your previous rice crop was retained in the field?

Short standing biomass, 10-15 cm height

Tall standing biomass, harvested panicle only

If combine harvest,

How was the residue from your previous rice crop managed?

Straw retained in the field

Straw burned in the field

Straw removed from the field

15. How do you plan to control weeds in the upcoming **rabi** season?

Hand weeding with labor

Use of herbicide

Both

If hand weeding with labor,

Use of herbicide will reduce cost for labor for weed control. Do you agree to use herbicide?

Yes

No

16. Which fertilizer sources in addition to urea and MOP (potash) do you plan to use this **rabi** season?

DAP

SSP

28-28-0

20-20-0-13

15-15-15

10-26-26

16-16-16

14-35-14

17. Did you apply zinc sulfate in your field in the previous **kharif** season?

No

Yes

If yes,

How much zinc sulfate did you apply in your field?

less than 15 kg/ha

more than 15 kg/ha

18. Will you apply organic fertilizer (FYM) in the upcoming **rabi** season?
 No Yes

If yes,

How much organic fertilizer will you apply to your ___ field?

___ quintal ___ ton

19. Have you received a Soil Health Card for your field in the past 2 years?
 No Yes

If yes,

What was the result for the following:

Organic carbon	<input type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High	
Available phosphorus (P)	<input type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High	
Available potassium (K)	<input type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High	<input type="radio"/> Not available
Available zinc (Zn)	<input type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High	<input type="radio"/> Not available
Soil pH	<input type="radio"/> Acidic (6.5 or less)	<input type="radio"/> Normal (6.5 - 8.2)	<input type="radio"/> Alkaline (8.3 or higher)	
EC	<input type="radio"/> Normal (less than 1.0)	<input type="radio"/> Medium (1.0 - 3.0)	<input type="radio"/> Harmful (Higher than 3.0)	

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, the recommendation will not be given to a farmer

Information about the farmer

Farmer ID (optional): _____

Given name: _____

Gender: Male Female

If male, Father's name: _____

If female, Father's name/Husband's name: _____

Age:

<30 31-40 41-50 51-60 >60

If selected district is one of the following: Balasore, Bargarh, Bhadrak, Cuttack, Ganjam, Keonjhar, Koraput, Mayurbhanj, Puri, Sambalpur

Where is the location of interview?

- IFFCO input dealers Farmer's Field/Home RCM Kendra (NGO)
 RCM Kendra (DoA) Others, please specify _____

If RCM Kendra (NGO),

Name of NGO:

- BSSSS Dhan Foundation Harsha Trust
 LWSIT NJS SWAD

If RCM Kendra (DoA),

Location of kendra:

- Block office DDA office

RCM could send you SMS or voice messages with farming advice during the cropping season. Do you agree to receive the messages on an accessible mobile phone number with you or your family members or friends?

- No Yes

If yes, Please provide a correct mobile phone number which you can access for a call and SMS.

Mobile phone number: _____

If no, Mobile phone number (optional): _____

E-mail (optional): _____

Information about the person operating Rice Crop Manager

Given name: _____

Gender:

- Male Female

If male, Father's name: _____

If female, Father's name/Husband's name: _____

Profession:

- Extension worker or agent
 Farmer
 Researcher
 Fertilizer dealer
 Community Resource Person (CRP)
 Common Service Center (CSC) operator
CSC ID (required): _____
 Others, please specify: _____

What is your organizational affiliation?

- CRRI
 IRRI / CIMMYT
 Department of Agriculture
 OUAT

O NGO, please specify: _____
O Other, please specify: _____

Mobile phone number (optional): _____
E-mail (optional): _____