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**ICAR - National Rice Research Institute**  
(An ISO 9001: 2015 Certified Institute)  
Cuttack – 753 006, Odisha, India



**Agro-Advisory Service**

Please follow COVID-19 guidelines of the Ministry of Health and Family Welfare, Govt. of India/Odisha, while doing any agricultural operations.

## **Strategies for Second Fortnight of March 2022**

### **1. Transplanted Summer rice**

- ❖ If pre-emergence/early-post emergence herbicide was not applied, then apply post-emergence herbicide Penoxsulum 1.02% + Cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 days after transplanting (DAT) **or** attempt manual weeding at 20 and 40 DAT. In line transplanted rice weeds can be controlled by using finger weeder/cono-weeder/paddy weeder at 20 and 40 DAT.
- ❖ Place 3 pheromone traps with respective lure/acre in the rice field for monitoring of the yellow stem borer and leaf folder. Whenever the number of male moths/trap reaches 4 or 5, spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre **or** broadcast granular insecticide Chlorantraniliprole 0.4% GR @ 4kg/ acre **or** Cartap hydrochloride 4G @ 10kg/acre mixing with sand at 1:1 ratio **or** spray Tetraniliprole 200 g/L SC @ 120 ml/acre **or** spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litre of water.
- ❖ In late transplanted crop apply urea @ 35 kg/acre as first top dressing at 20-25 DAT (tillering stage). For timely transplanted crop apply urea 35 kg along with MOP 11 kg per acre at panicle initiation stage.
- ❖ If infestation of blast disease is noticed, spray Carbendazim 50 WP @ 2g/litre of water **or** Trifloxystrobin 25% + Tebuconazole 50% @ 80g per acre in 200 litres of water **or** Edifenphos 50 EC @ 200 ml/acre in 200 litres of water.
- ❖ In case of brown spot incidence in the field, apply Carbendazim 12% + Mancozeb 63% WP @ 300g/acre in 200 litres of water or Propiconazole @ 200 ml/ acre in 200 litres of water.

### **2. Wet direct seeded summer rice**

- ❖ Monitoring should continue for stem borer. Whenever the number of male moths/trap reaches 4 or 5 spray Azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre **or** Chlorantraniliprole 4% GR @ 4 kg/acre may be applied mixing with sand at 1:1

ratio **or** spray Tetraniliprole 200 g/L SC @ 120 ml/acre **or** spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water.

- ❖ If pre-emergence/early post emergence herbicides were not applied, to control weeds spray ready mix Penoxsulum 1.02% + Cyhalofop-butyl 5.1% @ 800ml/acre at 15-20 DAS in 140 litres of water.
  
- ❖ If infestation of blast disease is noticed, spray Carbendazim 50 WP @ 200g/ acre in 200 litres of water **or** Trifloxystrobin 25% + Tebuconazole 50% @ 80 g per acre in 200 litres of water **or** Edifenphos 50 EC @ 200 ml/acre in 200 litres of water.
  
- ❖ Farmers are advised to download and use NRRI developed **rice Xpert** mobile App (available in Google Play store) for getting information on all aspects of rice crop.

