

# ICAR-National Rice Research Institute, Cuttack 753006

## Agro Advisory Service for Rice Strategies for Second Fortnight of September 2020

### *Upland Rice*

- In upland rice when the population of Gundhi bug exceeds the Economic Threshold Level (ETL) i.e., 2 adults/hill or 5 adults/m<sup>2</sup>, do dusting of Malathion 5% @ 10kg/acre or spray Etofenprox10EC@200ml/acre or Chloropyriphos20%EC@1000ml/acre.

### *Transplanted Rice*

- In late transplanted rice apply first top dressing of fertilizer at active tillering stage (20-25days after transplanting) with 24kg of urea+13.5kg of MOP per acre.
- In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with12kg of urea per acre.
- Place 4 pheromone traps / acre in the field for monitoring of stem borer and whenever the number of male moth/trap reaches 4-5, apply Azadirachtin 0.15% w/w (minimum) neem seed based EC formulation @ 800ml/acre or apply Chlorantraniliprole 0.4G @ 4kg/acre mixing with 4kg of dry sand or Chlorantraniliprole 18.5% SC 60ml/acre mixed with 200litre of water for yellow stem borer.
- In Gall midge affected areas apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest.
- The present condition is favourable for Brown Plant Hopper (BPH) infestation. If infestation of BPH occurs (5-10hoppers/hill), it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique (water should not stand in the field for long time). If problem still persists, spray Pymetrozine 50% WG @ 120g/acre or Dinotefuran 20% SG @ 80g/acre or Imidacloprid 17.8% SL @ 50ml/acre or Acephate 75% SP @ 400g/acre. Use only pesticides recommended for brown plant hopper at recommended dose only.
- Present condition is highly favourable for bacterial blight/bacterial leaf streak. In case of incidence of Bacterial blight/bacterial leaf streak, spray with Plantomycin@200gin 200litres of water per acre or Streptocycline @ 30g + Copper Oxychloride @ 200g in 200 liters of water per acre.
- In case of incidence of sheath blight on appearance of diseases in 1-2 tiller, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4g or Propiconazole 75% @ 1ml per litre of water or Hexaconazole 50% @ 2ml per litre of water. Repeat the spray at 7-10 days interval.
- In case of Blast incidence spraying of Mancozeb 63% + Carbendazim 12% @ 2.5 g per litre of water ( if brown spot , blast symptom observed) and spray combi-product of Trifloxistrobin + Tebuconazole (75WP) @ 0.4g per ml of water or Combi-product of Azoxyastrobin + Difenconazole 325 SC@ 1 ml/litre of water may be done for controlling the disease.
- Farmers are advised to use **RiceXpert** mobile app (available in Google Play Store) regarding entire aspects of rice cultivation