

**Agro Advisory Service for Rice**  
**ICAR - National Rice Research Institute, Cuttack 753 006**

**Strategies for Second Fortnight of August 2018**

***Direct Seeded Rice***

- In rainfed shallow lowlands, where direct seeding has been done and early post emergence herbicides have not been applied, beushening may be completed. After beushening, apply 12 kg urea/acre as 1st top dressing.
- Apply 2<sup>nd</sup> top dressing of urea at 12 kg/acer at active tillering stage of direct seeded shallow lowland rice.
- If problem of yellow stem borer is noticed, apply insecticides like Chlorantraniliprole 0.4% GR @ 16 g/ac (4 kg product/acer) mixed with sand in 1:1 ratio or spray Chlorantraniliprole 18.5% SC @ 12ml/ha (60 ml formulation/ha) in 200 liters of water.

***Transplanted Rice***

- In transplanted rice, apply Bensulfuron methyl + Pretilachlor (Ready-mix) granule (Londax Power @ 4 kg / acre) at 3-5 days after planting to suppress the early emergent broad spectrum of weeds either in saturated soil or with 2-3 cm standing water after mixing with sand @ 4kg/ acre.
- If farmers failed to apply herbicides at 3-5 days after planting, apply ethoxysulfuron (Sun rice) @ 50 g of product per acre in 120 liters of water where sedges and broadleaved weeds are dominant. In case of severe dominance of broadleaved weeds, spray Penoxsulan (Granite @ 40 ml/acre) in 120 liters of water.
- In Zinc deficient soil, if Zinc sulphate has not applied during final land preparation, spray Zn-EDTA @ 0.5 g/l liter of water at 30 and 45 days after transplanting of rice.
- Undertake gap filling with aged seedlings or clones separated from the same field in order to maintain a plant population of 33 hills per m<sup>2</sup>.
- In shallow low land transplanted rice at active tillering stage go for first top dressing of fertilizer with 24 kg of urea + 13.5 kg of MOP per acre.
- After transplanting place 4 pheromone traps/ acre in the field for monitoring of the stem borer and whenever the number of male moths/trap reaches 4 or 5, Chlorantraniliprole 0.4% GR (Rynaxypar 0.4G @4 kg/ acre) may be applied mixing with sand at 1:1 ratio or spray Chlorantraniliprole 18.5% SC @ 12ml/ha (60 ml formulation/ha) in 200 liters of water.
- In early transplanted rice, if problem of sheath blight noticed, spray Amistar @ 1ml/lit or Sheatmar-3 (Validamycin 3 L) @ 2ml/liter of water.
- In case of incidence of Bacterial blight/bacterial leaf streak, apply Plantomycin @ 1 g/liter along with copper oxychloride @ 1g/liter of water using 200 liters of water per acre.