

Agro Advisory Service for Rice
ICAR – National Rice Research Institute, Cuttack - 753006

Strategies for First Fortnight of March 2019

Crop just transplanted in main field

- Apply Bensulfuron methyl + pretilachlor (Londax power/ Erase Strong) @ 4 kg/ acre at 5-10 days after transplanting. Mix the granular herbicide with 4 kg of sand/acre and broadcast it uniformly in the field.
- Put 3nos of pheromone traps/acre in the rice field for monitoring of the Yellow stem borer. Whenever the number of male moths/trap reaches 4 or 5, release *Trichogramma japonicum* at 20,000 eggs/acre 3 times at weekly interval or apply any one of the insecticide Azadiractin 0.15% neem seed kernel based EC formulation @ 600-800 ml/acre or Chlorantraniliprole 4% GR @4 kg/acre may be applied mixing with sand at 1:1 ratio or spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or Cartap hydrochloride 4 g @ 10 kg/acre or Carbofuran 3% @ 10 kg/acre.

Crop at 15-30 days after transplanting:

- At active tillering stage (3 weeks after transplanting) apply 44 kg of urea/acre as first top dressing.
- If farmers has not taken any weed control measure, spray post emergence herbicide bispyribac sodium 10 Sc (Nomini gold or Narkis) @ 120 ml/acre at 12-15 days after transplanting (Preferably at 2-4 leaf stage of weeds) or spray tank mix application of fenoxaprop-p-ethyl + ethoxysulfuron (Rice star +Sunrise) @ 260+50 g/acre at 15-20 days after transplanting or when only broad leaved and sedges were dominant in rice field apply ready mix Chlorimuron-ethyl + metsulfuron-methyl (Almix) @ 8 g /acre at 15-20 days after transplanting.
- Monitoring should continue for Yellow stem borer. Whenever the number of male moths/trap reaches 4 or 5 apply any one of the insecticide. Azadiractin 0.15% neem seed kernel based EC formulation @600-800 ml/acre or Chlorantraniliprole 4% GR @ 4 kg/acre may be applied mixing with sand at b1:1 ratio or spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or Cartap hydrochloride 4 g @ 10 kg/acre or Carbofuran 3% @ 10 kg/acre.
- In gall midge affected plots, spray Thiamethoxam 25% WG @ 40 gm/acre or Fipronil 5% SC @ 400 ml/ acre or 20EC @ 500 ml/acre.