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

Strategies for Second Fortnight of January 2020

- In case of Thrips maninfestation in rice nursery, spray Neem Seed Kernel Extract (Azadirachtin) @ 800 ml/acre or Lambda-Cyhyalothrin 5 % EC @ 100 ml/acre or Thiamethoxam 25 % WG @ 40g /acre.
- Installation of pheromone traps with Scirpholure in nursery is advised to monitor stem borer infestation.
- In case of incidence of seedling blight apply Carbendazim (Bavistin) @ 1.5g/1 litre of water or Propiconazole (Tilt) @ 1 ml/ 1litre of water.
- Complete Transplanting of dry season rice by end of January.
- For transplanted rice recommended fertilizer dose for HYV is 40-20-20 kg N-P_2O_5- K_2O/acre and apply (Urea 4.5 kg + DAP 44 kg + MOP 22 kg) or (Urea 22 kg + SSP 125 kg + MOP 22 kg) as basal dose during final puddling. For hybrids, the fertilizer doses is 48-24-24 kg N-P_2O_5-K_2O/acre and apply (Urea 5.5 kg + DAP 52 kg + MOP 26.5 kg) or (Urea 35 kg + SSP 150 kg + MOP 26.5 kg) as basal dose during final puddling.
- In transplanted rice, apply Bensulfuron methyl + pretilachlor (Londax power/ Erase Strong) @ 4kg/ acre at 5-10 days after transplanting. Mix the granular herbicide with 4 kg of sand/ acre and broadcast it uniformly in the field or spray Pyrazosulfuron ethyl 10 WP at 80 g/acre in 140 litres of water at 5-7 days after transplanting.
- In wet direct seeded rice, spray tank mix of Fenoxaprop-p-ethyl 9 EC + ethoxysulfuron 15 WDG (Rice Star+ Sunrice) @ 260+50 g/acre by mixing it in 140 liters of water at 15-20 days after sowing.
- Three pheromone traps/acre may be installed in the rice field for monitoring of the stem borer and leaf folder. Whenever the number of male moths/trap reaches 4 or 5 per day, apply Azadirachtin 0.15% w/w @ 600-800 ml/acre or spray Chlorantraniliprole 18.5% SC @ 60 ml/acre) in 200 liters of water.

In case of Blast incidence spraying of Tricyclazole 75 WP @ 0.6 g/lit of water or Kasugamycin 2% WP (@0.2%), may be done for controlling the disease

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