



भारत-अन्न - राष्ट्रीय चावल अनुसंधान संस्थान
ICAR - National Rice Research Institute
(An ISO 9001: 2015 Certified Institute)
Cuttack – 753 006, Odisha, India



Agro-Advisory Service

Please follow COVID-19 guide lines as per the Ministry of Health and Family Welfare, Govt. of India/Odisha for doing any agricultural operations

Strategies for Second Fortnight of March 2021

(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% (Vivaya) @ 800ml/acre at 15-20 DAT for broad spectrum weed control **or**, manual weeding at 20 and 40 DAT **or**, in row planted crop, use finger weeder/cono-weeder/paddy weeder at 20 and 40 DAT to control weeds.
- ❖ Continue to maintain 3 pheromone traps /acre in the rice field for monitoring of the yellow stem borer and leaf folder. Whenever the number of male moths/trap/day reaches 4 to 5, spray azadirachtin 0.15% neem seed kernel based EC formulation @ 800 ml/acre **or**, broadcast granular insecticide chlorantraniliprole 4% GR @ 4kg/ acre **or**, cartap hydrochloride 4G @ 10kg/acre mixing with sand at 1:1 ratio **or**, spray chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres 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 second top dressing of urea 35kg along with MOP 11 kg per acre at Panicle initiation stage.
- ❖ If infestation of blast disease is noticed, spray trifloxystrobin 25% + tebuconazole 50% @ 0.4 g per litre of water **or**, edifenphos 50 EC @ 200 ml/acre in 200 litres of water.
- ❖ In case of brown spot incidence in the field, apply mancozeb 500 g/ acre or propconazole @ 200 ml/ acre using 200 litres of spray solution along with additional potassium fertiliser (MOP 10 kg/acre).

(2) Wet Direct Sown Rice

- ❖ If pre-emergence or early post emergent herbicides were not applied, spray ready mix herbicide penoxsulum 1.02% + cyhalofop-butyl 5.1% (Vivaya) @ 800ml/acre at 15-20 DAS in 140 litres of water **or**, use finger weeder/cono-weeder at 20 and 40 DAS to control weeds in line sown crop.

- ❖ Apply 2nd top dressing of urea @ 22 kg per acre at maximum tillering stage (30-35 DAS). In early sown crop, apply top dressing of urea @ 22 kg/acre along with 11 kg of MOP at Panicle initiation stage (50-55 DAS).
- ❖ 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 chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water.
- ❖ •If infestation of blast disease is noticed, spray carbendazim 50 WP @ 2 g/litre of water **or**, trifloxystrobin 25% + tebuconazole 50% @ 0.4 g per litre of water **or**, edifenphos 50 EC @ 200 ml/acre in 200 litres of water.