



भा.कृ.अनु.प – केंद्रीय चावल अनुसंधान संस्थान

ICAR - Central Rice Research Institute

(An ISO 9001: 2015 Certified Institute)

Cuttack-753 006, Odisha, India

## Agro-Advisory Service

### Strategies for First Fortnight of May, 2026

- ❖ Temperature will be above normal and will increase gradually in the first fortnight of May for Odisha. High temperature followed by intermittent thunder shower will favour in build-up BPH infestation. If infestation of Brown Planthopper exceeds ETL (ETL: 5-10 hoppers/hill), it is advised to alter the micro-climate of the rice plant by alternate wetting and drying technique (there should not be standing water for long time). If problem still persists, spray Azadirachtin 0.15% neem seed kernel formulation @ 800 ml in 200 litre of water for one acre or Triflumezopyrim 10% SC 95 ml/acre or Pymetrozine 50% WG @ 120 g/ acre or Dinotefuran 20% SG @ 80 g/acre or Imidacloprid 17.8% SL @ 50 ml/acre or Acephate 75% SP @ 400 g/acre. Use only recommended insecticides for brown planthopper at proper dose.
- ❖ If population of Gundhi Bug exceeds ETL (2 bugs/hill), Imidacloprid 6% + Lamda- cyhalothrin 4% SL mix @ 300 ml/acre should be applied as foliar spray mixed with 200 litres of water.
- ❖ In case of ear cutting caterpillar incidence, spray quinalphos 25 EC @ 400 ml/acre or Chlorpyrifos 20 EC @ 500 ml/acre in 200 litres of water. It should be applied in the morning hour to the base of the crop.
- ❖ Neck blast incidence might be observed during this period as in previous year neck blast incidence was reported from Sonapur and Balasore of Odisha. So, if incidence is observed apply Azoxystrobin 25 SC @ 200 ml/acre or Trifloxystrobin 25% + Tebuconazole 50% @ 80 g/acre or, *Pseudomonas fluorescens* @ 1000 g/acre, or *Trichoderma viride* or *T. atroviride* ( $10^8$  cfu) @ 2000 g/acre. Use 200 litre of water for spraying in one acre and repeat after 7-10 days.
- ❖ The prevailing weather condition may favour development of grain discolouration disease. If minute spots or brown to blackish flakes observed in grain spray propiconazole 25% @ 200 ml/acre or tebuconazole 25% @ 400 g/acre. Use 200 litre of water for spraying in one acre.
- ❖ For seed crop, roughing of admixture should be done at flowering stage.
- ❖ Harvest the rice crop at physiological maturity (80-85% grains matured of a panicle) to minimize loss due to shattering of grains.

- ❖ Moisture content of the rice grain should be brought down to 11-14% for long term storage by drying under Sun for 1-2 days.
- ❖ Initiate summer ploughing in the paddy fields with the availability of soil moisture.
- ❖ Good quality seeds of rice varieties like Varshadhan, Durga, CR Dhan 501, CR Dhan 510, CR Dhan 511, CR Dhan 512, Sarala and Gayatri may be selected for intermediate deep water, CR Dhan 500, CR Dhan 502 (Jayanti Dhan), CR Dhan 503 (Jalamani), CR Dhan 505, CR Dhan 507 (Prasanta), CR Dhan 508 for deep water areas may be arranged from reliable sources like Research institutes, Universities, KVK, Block Offices and other reputed farms.
- ❖ For upland and aerobic rice, arrange good quality seeds of varieties like CR Dhan 100 (Satyabhama), CR Dhan 101 (Ankit), Sahbhagidhan, Vandana, CR Dhan 102, CR Dhan 108, CR Dhan 203, CR Dhan 205, CR Dhan 206, CR Dhan 207, CR Dhan 209, CR Dhan 211, CR Dhan 212, CR Dhan 214, CR Dhan 807 from reliable sources and must follow seed treatment before sowing.
- ❖ For medium land transplanted rice, arrange good quality seed of varieties like CR Dhan 307, CR Dhan 310, CR Dhan 311, CR Dhan 312, CR Dhan 314, CR Dhan 315, CR Dhan 316, CR Dhan 317, CR Dhan 319, CR Dhan 321, CR Dhan 324, CR Dhan 326, CR Dhan 327, CR Dhan 329, CR Dhan 331, CR Dhan 332, CR Dhan 337, CR Dhan 804, CR Dhan 805, CR Dhan 809 may be arranged from reliable source like Research institutes, Universities, KVKs, Block offices and other reputed farms.
- ❖ For flood prone shallow lowland transplanted rice, arrange good quality seed of varieties like Swarna, Swarna Sub 1, Pooja, Pooja Sub 1, 1009 Sub 1, CR Dhan 800, CR Dhan 801, CR Dhan 802, CR Dhan 810, CR Dhan 811, CR Dhan 408, CR Dhan 409, CR Dhan 410, CR Dhan 411, CR Dhan 412, CR Dhan 413, CR Dhan 414, CR Dhan 416 may be arranged from reliable source like Research institutes, Universities, KVKs, Block offices and other reputed farms.
- ❖ For coastal saline region farmers are advised to arrange salt tolerant varieties like CR Dhan 405 (Luna Sankhi), CR Dhan 403 (Luna Suvarna), CR Dhan 412, CR Dhan 414, Luna Barial and Lunishree from reliable sources.
- ❖ Farmers interested to grow hybrids in irrigated medium and shallow lowland are advised to procure good quality TL seeds of hybrids like Ajay, Rajalaxmi, CR Dhan 701, CR Dhan 702, CR Dhan 703, CR Dhan 706 from reputed seed companies.
- ❖ Sow the good quality seeds of Dhaincha after initial land preparation for green manuring in transplanted rice.

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