



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 Second Fortnight of April, 2026

- ❖ High temperature followed by intermittent thunder shower will favour in build-up Brown Plant hopper infestation. If infestation of BPH 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 @ 4 ml in one litre of water **or** Triflumezopyrim 10% SC 0.5 ml in one litre of water **or**, Pymetrozine 50% WG@ 0.6 g in one litre of water **or**, Dinotefuran 20%SG @ 0.4 g in one litre of water **or** Imidacloprid 17.8%SL@0.25 ml in one litre of water **or**, Acephate 75%SP@ 2 g in one litre of water. Use only recommended insecticides for brown plant hopper at proper dose.
- ❖ If population of Gundhi Bug exceeds ETL (2bugs/hill), Ethofenoprox 10 EC@200ml/acre should be applied as foliar spray mixed with 200litres of water **or** Malathion 5D @ 10 kg/acre should be dusted uniformly during morning hours, when there is no or minimum wind.
- ❖ In case of ear cutting caterpillar incidence, spray quinalphos 25 EC@ 400ml/acre **or** Chlorpyrifos 20EC @ 500ml/acre in 200litres of water.
- ❖ On late planted field maintain only 5 cm of standing water in the field till the milking stage of paddy crop by providing 6-7 cm of irrigation water at 2-3 days after disappearance of standing water in the field. Avoid over irrigation to rice field.
- ❖ For seed crop, rouging 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 grains should be brought down to 14% before storage by drying under sun for 1-2 days. For seed purpose 12% moisture is ideal for better storage of seeds.
- ❖ Certified or TL seeds of rice varieties like Varshadhan, Durga, CR Dhan 501, Sarala and Gayatri for intermediate deep water and newly developed varieties CR Dhan 510, CR Dhan 511, CR Dhan 512 etc. CR Dhan 500, CR Dhan 502 (Jayanti Dhan), CR Dhan 503 (Jalamani), CR Dhan 505, CR Dhan

507 (Prasanta) for deep water areas may be arranged from the reliable sources like Research institutes, Universities, KVKs, Block Offices, nearest authorized dealers and other reputed farms.

- ❖ For upland direct seeded rice, arrange certified or TL seeds of varieties CR Dhan 100 (Satyabhama), Sahbhagidhan, Vandana, Anjali, Khandagiri, Heera, Khandagiri, Parijata and newly developed varieties CR Dhan 101 (Ankit), CR Dhan 102, CR Dhan 807, Sachala etc. from reliable sources.
- ❖ For irrigated land, arrange certified or TL seed of varieties like CR Dhan-307, CR Dhan 310, CR Dhan-311 and newly developed varieties like CR Dhan 312, CR Dhan 34, CR Dhan 35, CR Dhan 36, CR Dhan 317, CR Dhan 321, CR Dhan 324, for irrigated medium land. Provide better quality seed varieties like CR Dhan 326, CR Dhan 329, CR Dhan 31, CR Dhan 804, CR Dhan 805 etc. For shallow lowland transplanted rice, arrange certified or TL seed of varieties like Swarna, Swarna Sub-1, Puja, or CR-Dhan 800, CR-Dhan 801, CR-Dhan 802, CR-Dhan 803 (Pooja Sub-1), CR-Dhan 408, CR-Dhan 409, CR-Dhan 410, CR-Dhan 411 etc. may be arranged from reliable source like Research institutes, Universities, KVKs, Block offices and other reputed farms.
- ❖ For coastal saline region certified or TL seeds of salt tolerant varieties like CR Dhan 405 (Luna Sankhi), CR Dhan 403 (Luna Subarana), CR Dhan 412, CR Dhan 414, Luna Burial and Lunishri seeds for coastal saline land.
- ❖ Farmers interested to grow hybrids in irrigated medium and shallow lowland are advised to procure good quality TL seeds of Ajay, Rajalakshmi, CR Dhan 701, CR Dhan 702, CR Dhan 703 etc. from reputed seed companies or authorized dealers.
- ❖ For flood prone shallow lowlands arrange certified or TL seeds of flash flood tolerant varieties like Swarna *Sub-1*, Ranjit *Sub-1*, Bhahadur *Sub-1*, Binadhan-11, and Samba Mahasuri *Sub-1*. For semi deep water areas collect CR1009*Sub-1* from reliable source.
- ❖ For drought prone upland/ shallow lowlands arrange drought tolerant varieties like Sahabhagidhan, DRR 42, DRR 44, BRR1 Dhan 71, Swarna Sreya from reliable source.
- ❖ Good quality seeds of Dhaincha may be arranged from reliable source like nearest sale centres of Odisha State Seeds Corporation Limited, Block offices of respective blocks for green manuring in rice. For one acre of green manuring about 12 kg of Dhaincha seeds are required.
- ❖ Since most of the areas received a good amount of summer rainfall, initiate primary tillage in the fallow paddy fields for better in-situ soil moisture conservation and weed control.
