



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 June, 2026

Dry Direct Seeded Rice in upland

- ❖ Complete the sowing of upland rice, Sow the seeds in line preferably with seed drill **or** by three-tine cultivator-cum-seed drill **or** behind the country plough at 15 cm apart. Seed should be placed at a depth of 4-6 cm. Use 24-30 kg seeds/acre for broadcasting and 12-16 kg seeds/ acre for sowing by seed drill depending on the test weight of the seed.
- ❖ Incorporate well decomposed Farm Yard Manure or cow-dung @ 8 quintals /acre during the final land preparation in direct seeded rice.
- ❖ Before sowing in main field, seeds should be treated with *Trichoderma* powder formulation @ 10 g/kg of seeds **or** any other seed treatment chemicals provided by the State Government agencies.
- ❖ Apply full dose of Phosphorus and Potash @ 12 kg each /acre (preferably 75 kg SSP **or** 27 kg DAP + 20 kg MOP) as band placement behind the plough or by fertilizer cum seed drill in upland rice as basal dose.
- ❖ Spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after sowing or when the weeds are at 2-3 leaf stage in moist soil as an alternative to manual weeding.

Dry Direct Seeded Rice in lowland

- ❖ Incorporate well decomposed FYM or cow-dung @ 8 quintals /acre during the final land preparation in direct seeded rice.
- ❖ In intermediate/semi-deep and deep-water rice ecology where direct seeding is practiced, complete the final land preparation by using cultivator 2 - 3 times to get a fine tilth followed by proper land leveling. In light soil tractor drawn rotavator may be used for obtaining fine tilth.
- ❖ For deep water areas, sow the seeds in line preferably with seed drill **or** three-tire

cultivator-cum-seed drill **or** behind the country plough at 20 x 15 cm apart. Seed should be placed at a depth of 4-6 cm.

- ❖ In semi deep and deep water dry direct sown rice areas where top dressing is not possible apply full dose of N, P and K @ 16:8:8 kg/acre as basal dose (17.5 kg DAP + 13.5 kg MOP + 30 kg Urea) at the time of final land preparation.
- ❖ Apply full dose of Phosphorus and Potash @ 16 kg each/acre (35 kg DAP + 27kg MOP per acre) in shallow low land areas where as in sandy soil apply 35kg DAP + 13.5kg MOP as basal dose.
- ❖ In bacterial blight or bacterial leaf streak endemic areas, seed treatment should be done by soaking 10kg seeds in 20 litres of water containing 1.5 g Streptocycline + 20 gm Captan for 8-10 hours.
- ❖ Before sowing, seeds should be treated with *Trichoderma* dust formulation @ 10g/kg of seeds or Captan 50% (Capgold 50) or Thiram 75% (Thiram 75/Thirox) @ 3g per kg of seed or any other seed treatment chemicals provided by the State Government agencies.
- ❖ Complete the sowing of dry direct seeded rice. Sow the seeds in line preferably with seed drill **or** three Tyne cultivator-cum-seed drill **or** behind the country plough at 20 x 15 cm **or** at 25x10 cm spacing to facilitate mechanical weed control by using paddy power weeder. Use 24-30 kg of seeds/ acre for broad casting and 12-15 kg/acre for sowing by seed drills depending on the test weight of the seed.
- ❖ Spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after sowing of weeds or when the weeds are at 2-3 leaf stage in moist soil as an alternative to manual weeding.

Transplanted Kharif Rice

- ❖ Farmers those are interested for aromatic rice are advised to arrange good quality seeds of varieties like Geetanjali, CR Sugandh Dhan 907, CR Sugandh Dhan 908 and CR Sugandh Dhan 910 from reputed seed companies or farms or agencies.
- ❖ Sow green manure crop Dhaincha @ 10 kg/acre after initial land preparation and incorporate it after 40-45 days during puddling to improve soil organic carbon and nitrogen availability.
- ❖ Seed treatment should be done before sowing with Carbendazim 50 WP (Bavistin/ Goldstin) @ 1.5 g per kg of seed **or**, Captan 50% (Capgold/ Captara) **or**, Thiram 75% (Thiram 75/ Thirox) @ 3 g per kg of seed. Bio-agent formulation like *Trichoderma* powder collected from reputed agencies/shops can also be used as seed treatment @ 10 g/kg of seeds.
- ❖ As most part of the Odisha already received substantial amount of summer rainfall thus land preparation should be done for dry nursery for kharif rice.

- ❖ The following high yielding seed varieties may be arranged from reliable sources like Research Institutes, Universities, KVK, Block Offices and other reputed farms

Lowland and deepwater areas	For upland and aerobic rice	For medium land transplanted rice	For flood prone & shallow lowland transplanted rice	For coastal saline region	Hybrids in irrigated medium and shallow lowland
CR Dhan 501	CR Dhan 100	CR Dhan 307	CR Dhan 800	CR Dhan 405	CR Dhan 701
CR Dhan 510	CR Dhan 101	CR Dhan 310	CR Dhan 801	CR Dhan 403	CR Dhan 702
CR Dhan 511	CR Dhan 102	CR Dhan 311	CR Dhan 802	CR Dhan 412	CR Dhan 703
CR Dhan 512	CR Dhan 108	CR Dhan 312	CR Dhan 810	CR Dhan 414	CR Dhan 706
CR Dhan 500	CR Dhan 203	CR Dhan 314	CR Dhan 811	Lunishree	Ajay
CR Dhan 502	CR Dhan 205	CR Dhan 315	CR Dhan 408	Luna Barial	Rajalaxmi
CR Dhan 503	CR Dhan 206	CR Dhan 316	CR Dhan 409		
CR Dhan 505	CR Dhan 207	CR Dhan 317	CR Dhan 410		
CR Dhan 507	CR Dhan 209	CR Dhan 319	CR Dhan 411		
CR Dhan 508	CR Dhan 211	CR Dhan 321	CR Dhan 412		
Durga	CR Dhan 212	CR Dhan 324	CR Dhan 413		
Sarala	CR Dhan 214	CR Dhan 326	CR Dhan 414		
Gayatri	CR Dhan 807	CR Dhan 327	CR Dhan 416		
Varshadhan	Vandana	CR Dhan 329	Swarna		
	Sahbhagidhan	CR Dhan 331	Swarna Sub 1		
		CR Dhan 332	Pooja		
		CR Dhan 337	Pooja Sub 1		
		CR Dhan 804	CR Dhan 1009		
		CR Dhan 805	Sub 1		
		CR Dhan 809			
