



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 June, 2026

### Rabi Season Rice

- ❖ 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 12% before storage by drying under sun for 1-2 days for seed purpose.
- ❖ For safe storage of paddy/rice, use 'Super Grain Bag' which is helpful for retaining the quality, texture, colour, aroma and taste for longer period of time and also prevents insect pest infestation or store the harvested paddy in properly bagged and stacked with suitable cover to avoid damage.
- ❖ Soon after noticing the infestation of the stored grain insect pest, take up fumigation by using Aluminium phosphide (do not use in dwelling houses) tablets @ 3 tablets/tonne of grain (total 9 gm of tablets) or 150 gm per 100 m<sup>3</sup> in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks. All the corners of plastic cover should be plastered with 6- inch-thick layer of mud/ adhesive tapes to prevent leakage of gas. Minimum exposure period is for about 7-10 days.
- ❖ If rodent problem is noticed, locate the rodent burrow in the crop field and surrounding areas. Place Aluminum phosphide 6% tablet @ One tablet (12 gm) per burrow and seal the burrow with mud which will kill the rodents.
- ❖ Practice deep ploughing to expose soil-borne pests, weeds and disease inoculum to sunlight. Repair and strengthen field bunds to conserve rainwater during monsoon. Conduct soil testing for balanced fertilization. Sowing of red gram can be taken on paddy bunds during June wherever feasible.
- ❖ As most part of the Odisha already received substantial amount of summer rainfall thus land preparation should be done initiated, where direct seeded rice is to be grown.
- ❖ Initiate land preparation for paddy nursery by end of May or First week June.

### **Dry Direct Seeded Rice**

- ❖ For upland direct seeded rice, Sow the seeds in line preferably with seed drill **or** by three-tyre 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/ acre of good quality seeds 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.
- ❖ 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-tyre 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. Use 18-20 kg/ acre of good quality seeds.
- ❖ 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.

### **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 initiated 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			

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