

Agro Advisory Service for Rice
ICAR - Central Rice Research Institute, Cuttack 753 006

Strategies for First Fortnight of June 2015

Direct Seeded Rice

- In intermediate/semi - deep and deep water rice ecology where direct seeding is practiced, final land preparation may be done following shallow tillage 2 - 3 times to get a fine tilth followed by proper land leveling. In light soil conditions, fine tilth should be done with rotavator.
- Final land preparation should be completed in rainfed shallow lowland where direct seeding is to be done.
- Well decomposed Farm yard manure may be applied @ 2 t ha⁻¹ during the final land preparation
- Full dose of Phosphorus i.e. 188 kg SSP/ha in shallow lowland areas whereas 125 kg SSP/ha in semi deep to Deep water situations should be applied at the time of final land preparation.
- Full dose of Potash i.e. 50 kg MoP in shallow lowland areas whereas 33 kg MoP in semi deep to Deep water situations should be applied at the time of final land preparation.
- Rice varieties viz., Gavitri, Sarala, Upahar, Varshadhan, and Durga may be selected for intermediate/semi - deep water; Jalamani, Jayantidhan, CR Dhan 500, CR Dhan 505 etc for Deep water areas and sowing with good quality seeds of above varieties @ 80-100 kg/ha should be completed.
- Rice varieties viz., Swarna, Pooja, CR Dhan 300, Sumit, Pratikhya, Ranidhan, CR Dhan 407 etc may be selected for rainfed shallow lowland areas but Swarna sub 1, Gayatri, Chakaakhi and Rita etc may be selected for rainfed flood prone low lands. Sowing with good quality seeds of above varieties @ 75-80 kg/ha should be completed in direct seeded areas.
- Seeds should be treated with agrosan GN or Bavistin @ 2 g/kg of seed and sown with a spacing of 20 X 15 cm using seed drill.
- Rice varieties viz., Sahbhagidhan, Satyabhama, Annada, Khandagiri, Udayagiri, Sidhanta, Vandana and Anjali may be selected for upland areas and collected from Research Institutes, Universities or Line departments.

Transplanted Rice

- Nursery bed preparation for dry nursery may be done with pre monsoon showers.
- Rice varieties viz., Naveen, Lalat, CR Dhan 305, CR Dhan 304, and Ajay (hybrids), Rajlaxmi (hybrids) may be selected for irrigated medium land areas and rice varieties viz., Swarna, Pooja, CR Dhan 300, CR Dhan 701 (hybrids) etc. may be selected for irrigated low land areas and collected from Research Institutes, Universities, Line departments and reputed companies.
- Dhaincha should be sown in transplanted rice areas with pre monsoon showers.