

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

Strategies for 2nd Fortnight of December 2015

- Rice varieties like CR Dhan 601, IR 64, Chandan, Lalat, Improved Lalat, Naveen, and MTU 1010, Satabdi, Khandagiri, Luna Sankhi (for coastal saline areas) and hybrids like Ajay and Rajalaxmi can be grown as transplanted summer rice. In case of wet direct sown summer rice, high yielding varieties like Naveen, Satabdi, Lalat, Khandagiri can be taken up.
- Seed rate for transplanting one hectare of main field is 40 to 45kg for high yielding varieties and 12 to 15kg for hybrids.
- Nursery sowing of pre-germinated seeds of varieties/hybrids on flat leveled nursery beds should be completed immediately. In case of hybrids, use 20-25g of pre-germinated seeds per square meter and a nursery area of 600m² is required for 1 hectare of main field.
- Irrigate with a thin film of water two to three days after sowing of sprouted seeds and give light irrigation afterwards.
- Main field preparation can be initiated for transplanted as well as wet direct sown summer rice with initial shallow tillage after the harvest of wet season rice followed by ponding of water and first puddling.

Agro Advisory Service for Rice [For Assam]

Strategies for 2nd Fortnight of December 2015

Sali rice/Winter rice/kharif rice:

- During sunny days harvest the long duration varieties and late planted crop when 80% of the grains in the panicle are mature.
- Sundry the harvested grains to bring the moisture level to 12-14% for milling purpose and 10-12% for seed purpose.

Boro rice:

- In traditional *boro* rice growing areas, flat seed beds (size, 125cm x 10m) should be prepared. Seed beds should be spaced 30cm apart.
- Seed rate for transplanting one ha of main field is 40 to 45kg. Seeds should be treated with Carbendazim 50 WP @ 1g/lit of water (One litre of fungicide solution is required to treat one kg of seed).
- Sowing of seeds (pre-germinated) of medium and mid-early varieties like Chandrama, CR Dhan 601, CR Boro Dhan 2, Naveen and Abhishek should be completed.
- During the cold period, seeds/seedlings in the nursery bed should be covered with low polytunnels (height: 75cm, width: 125cm, length: 10m).
- Apply light irrigation to the nursery beds twice a week.