

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

Strategies for Second Fortnight of May 2015 (for Odisha)

- In intermediate 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.
- Well decomposed Farm yard manure may be applied @ 2 t ha⁻¹ during the final land preparation
- Nursery bed preparation for dry nursery may be done with pre monsoon showers.
- Rice varieties like Savitri and Sarala may be selected for intermediate deep water, Varshadhan and Durga for Deep water areas and good quality seeds may be procured from research institutes, Universities, KVKs, Block office (Agriculture) and reputed firms, etc.
- Dhaincha seeds should also be procured from above mentioned organizations for sowing in transplanted rice areas.

Strategies for the second fortnight of May 2015 (for Assam)

1. *Boro* rice and Early *Ahu* rice:

(i) If warranted, use any one of the following pesticide for managing gundhi bug:

- Ethofenprox 10EC @ 500ml/ha in 500 litres of water
- Malathion 5D @ 25 kg/ha should be dusted uniformly

(ii) Against sheath rot disease, spray any one of the following:

- Carbendazim 50WP (Bavistin) @ 1g/l
- Propiconazole (Tilt 25EC) @ 1ml/l
- Hexaconazole (Contaf 5EC) @ 1ml/l

(iii) If warranted, spray with Thiophanate methyl @ 1g/lit, Carbendazim 50 WP (Bavistin) @ 2g/l or Tricyclazole 75 WP (Beam) @ 400 g/ha against neck blast.

(iv) During sunny days harvest the early, mid-early and medium duration varieties when 80% of the grains in the panicle are mature.

2. Direct-seeded normal *Ahu* rice:

(i) Undertake second weeding at 4 to 5 weeks after sowing.

(ii) Apply second top dressing of fertilizers, *i.e.*, 6 kg Urea and 2 kg MOP per bigha at 40-50 days after sowing or after second weeding

3. Transplanted normal *Ahu* rice:

(i) Spray the herbicide 'Bispyribac Sodium 10%' (Nomineegold) @ 40 gram per bigha by dissolving in 70 litres of water at 20 days after transplanting to control weeds.

(ii) Apply urea @ 3.0 kg per bigha crop at 30 days after transplanting.

4. Direct-seeded/Transplanted *Ahu* rice:

(i) Monitor for the incidence of hispa, stemborer, leaf folder and caseworm in *boro* rice crop. If warranted, spray any one of the following pesticides mixed in 500 litres of water for managing stem borer, case worm and leaf folder:

Stem Borer: Chlorpyrifos 20EC @ 2500ml/ha or
Quinalphos 25EC@ 2000 ml/ ha

Case worm: Chlorpyrifos 20EC @ 2500ml/ha

Leaf folder: Chlorpyrifos 20EC @ 2500ml/ha or
Quinalphos 25EC@ 2000 ml/ ha or
Triazophos 40EC @ 625ml/ha

(ii) Rogue out the *bakanae*-infected tillers (elongated ones) from the infected hills in the main field and spray the affected patches in the field with Carbendazim 50WP (Bavistin) @ 1g/l.