

**SPECIAL PACKAGE FOR LOW AND DELAYED RAINFALL AREAS
OF UPPER BRAHMAPUTRA VALLEY ZONE I.**

PRE-SOWING OPERATION:

Follow ploughing after harvest of rice in light soil either with tractor or M.B. plough for moisture conservation.

II. VARIETAL SELECTION:

A. Direct Seeded Adu: a) Traditional variety for early adu. b) Lachit, Chilarai, Luit, Kapilee, Govind, Rasi and other recommended varieties for regular adu.

B. Direct Seeded Rice (Kharif): Use modern recommended varieties.

C. Transplanted Sali Rice:

i) As per recommendation for normal situation.

ii) Varieties that can be grown up to August 15 with 45-50 days old seedlings: Pankaj, Kushal, Lakhimi

iii) Varieties that can be grown upto the end of August with 60 days old seedlings: Andrew Sali, Biraj, Kmj 1-19-1, Hira, Luit, Kapilee and traditional varieties.

III. SEEDLING RAISING:

- i. treat the seeds with 4% MOP (KCl) (600 ml/kg of seed) for 24 hours, dry in shade for 24 hours and sow.
- ii. Prepare dry, well bunded, flat seedbed with adequate FYM (30 kg), 80 g urea, 80 g SSP and 80 g MOP per bed of 10 m × 1.25 m bed.
- iii. Under zero tillage condition, mulch with dry FYM powder upto 2 cm thickness and keep the beds moist.

IV. APPLICATION OF FERTILIZERS:

1. If drought situation appears, top dress additional quantities of MOP @ 5 kg/bigha and incorporate it.
 2. Spray 2% muriate of potash solution on leaves if and when drought appears.
 3. Top dressing of urea may be delayed upto heading if drought prevails at the stage of top-dressing.
- Other recommendations will be as per Package of Practices.

PEST MANAGEMENT PRACTICES IN ENDEMIC AREAS WITH SPECIAL REFERENCE TO RICE HISPA

- a) Destruction of initial population.
- b) Destruction of alternate hosts (Dol, Uridol etc.)
- c) Burning of stubbles after harvesting.
- d) Deep ploughing during Feb- April.
- e) Monitoring at regular intervals.
- f) Avoidance of staggered planting.
- g) Seed bed treatment or root dip treatment.
- h) Clipping of leaf tips before planting
- i) Use recommended insecticides at proper dosage and spray volume. Add 1% urea and 2% potash to spray fluid. j) Planting of moderately resistant varieties.
- k) Spray 1% neem seed oil using sticker (23 g/litre).