



Data Sheet

LG90103



Extra Early Hybrid

Duration:100-105 days

- Non-Lodging
- Less water requirement
- Better yield in same segment
- Suitable for upland rice ecosystem
- Moderately tolerant to BLB & BPH





TECHNICAL RECOMMENDATIONS

Sowing

To prepare seedling in the nursery bed with 200 sq m (5 cents) area for sowing 6 kg/ac for hybrid, the seedbed can be prepared through ploughing and puddling. Excess water can be drained out through preparation of 50 cm wide channels on all sides.

20 – 25 days seedlings with 2 seedlings per hill for varieties and 1 seedling/hill for hybrid may be planted with at least 33 hills/sq m in Kharif and 44 hills/sq m in Rabi.

For better sunlight and aeration to crop an alley of 20 cms for every 2 m of planting should be provided with a shallow depth of 2-3 cms.

Fertilizer application

Fertilizers 50:20:20 kg NPK per acre during kharif and 60:25:25 kg NPK/acre during Rabi is generally recommended but can be modified based on soil tests.

1/3rd Nitrogen fertilizers should be applied in the final puddling, approximately 30 days after planting and at the primordial initiation (60-70) days after planting. While puddling the entire phosphatic fertilizers can be applied @ 20 kg/ac during kharif and 25kg/ac during rabi.

Potash @ 20kg/ac can be applied during puddling. In heavy soils Potash @ 20 kg/ac and in light soils & Potash @ 25 kg/ac can be applied. It can be applied in split doses along with Nitrogenous fertilizers.

Zinc can be applied during alternative kharif season @ 20kg Znso4/ac in the final puddling before planting. In saline areas, 100 kg Zinc Sulphate or 10 kg Chelated Zinc may be applied.

Irrigation

- For growing paddy crop, it is not necessary to have a water flooded field, but there should be enough moisture in soil.
- Critical stages for irrigation are Tillering, Panicle initiation, Heading and Flowering
- Maintain 4-5cm of water level till milking stage.

Crop Management

Pre Emergence:

1.0-1.25 ltr/ac Butachlor 50% EC (within 3-4 days after sowing)

Post Emergence:

120gm/ac Bispyribac or 250ml/ac Phenoxy-prop-ethyl (At 2-4 leaf stages of weed)

Plant protection

| | |
|--------------------------|---|
| Bacterial Leaf Blight | Copper Oxychloride+ Streptocycline, 2gm per 15 ltr water |
| Sheath rot | 200ml/ac Propiconazole or 200gm/ac Carbendazim (Spray after mixing in 200 ltr water) |
| Blast | 200ml/Acre Azoxystobin 16.7%+ Tricyclazole33.3SC Or 120-150 gm/Acre Tebuconszole+Trifloxystrobin 75WP |
| Brown spot | 200ml/ac Propiconazole 25% EC (Spray after mixing in 200 ltr of water) |
| False smut | 500gm/ac Copper Oxychloride or Copper Hydroxide (Spray after mixing in 200 ltr water) |
| Stem Borer & Leaf folder | 7.5 kg/ac Cartap Hydrochloride 4G or Fipronil 0.4%G or 4kg/ac Chlorantraniliprole 0.4% w/w Gr |
| BPH | 120gm/ac Pymetrozine 50% WG (Spray after mixing 200 ltr water) |

