

## ARIKALU

S. No	Operation	Details
1	Varieties	TNAU 86, JK 13, JK 48, JK 65, JK 98 and DPS 9-1
2	Land preparation	One deep ploughing with mould board plough followed by ploughing with wooden plough twice in summer season. Before sowing, secondary tillage with cultivator to prepare smooth seed bed. Minor land smoothening before sowing helps in better <i>in situ</i> moisture conservation.
3	Seed treatment	Carbendazim @ 2g / kg seed Chlorothalonil or Mancozeb @ 2g/kg seed against head smut.
4	Sowing time	<i>Kharif</i> : June – July <i>Rabi</i> : October – November months
5	Seed rate and Spacing	4 – 6 kg/acre 25 cm x 10 cm
6	Fertilizer doses and time of application	FYM: 2 t/acre 8:8:8 NPK kg/acre – Basal
7	Weed control (name of chemical and mechanical)	In line sown crops- 2-3 intercultivations with one hand weeding. In broadcasted crop- Two hand weedings. Pre emergence spray with Isoproturon @ 400 g/acre at 1-2 days after sowing.
8	Major disease and pest control	<b>PESTS:</b> <b>Shoot fly:</b> Early sowing with the onset of monsoon is an effective and cheapest method of control.
9	Irrigation schedule along with critical stages	In irrigated crop, irrigation should be given at tillering, ear head emergence / flowering and grain filling stages.
10	Harvesting	95 – 100 days after sowing
11	Expected yield	10 – 12 q/acre