

SAMA

S. No	Operation	Details
1	Varieties along with recommended area	KHARIF OLM 20, OLM 36, OLM 203, OLM 208, OLM 217, BL 6M DHLM 36-3 and Co 4 These varieties can be grown in Andhra Pradesh
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	Treat the seed with Carbendazim @ 2g / kg seed
4	Sowing time	<i>Kharif</i> : June – July
5	Seed rate and Spacing	3.2 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 inter cultivations 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	Intercropping	2:1 Little millet : blackgram/redgram/sesamum/soybean
9	Major disease and pest control	PESTS: Shoot fly: Early sowing with onset of monsoon; Reduce Nitrogen by 50 % and apply FYM or bio fertilizers. DISEASES: Grain smut: Seed treatment with carbendazim @ 2 g/kg seed

10	Irrigation schedule along with critical stages	In irrigated crop, irrigation should be given at tillering, ear head emergence / flowering and grain filling stages.
11	Harvesting	OLM 20 & Co 4: 75 – 80 days BL6, DHLM 36-3 & OLM 36: 95 – 100 days OLM 208, OLM 217, OLM 203: 100 – 110 days
12	Expected yield of the variety	In general these varieties gives grain yield of 4 - 6 q/acre