

PACKAGE OF PRACTICES

CROP: MAIZE

MAIZE	
SEED RATE	4 kg/acre (Hybrids) and 25 Kg/acre for varieties
SEED TREATMENT	2.5 gm thirum/kg seed
NUTRIENTS	
Organic manure/rotten compost/FYM	8 mt/ac (15 days before sowing)
Zinc Sulphate	10 Kg/ac (basal application)
N:P:K	16:24:20 Kg/ac (basal application)
	Nitrogen 16 Kg/ac after 35-40 DOS and 16Kg/ac at tassel emergent stage
SPACING	
Row to row spacing	60 cm
Plant to plant	20-25 cm
CROP PROTECTION	
Pre Emergent weed control	Atrazine @ 2.5gm/litre water with 200-250 litre water/acre
Stem borer	Thiodan 35 EC @ 27 ml in 18 litres water,
Rust	Tilt 25EC @ 200 ml/acre
Leaf Blight	Dithane M-45 or Indofil @ 35-40 gms or Blue Copper @55 -60 gms in 18 litres water, 2 -3 sprays at 15 days interval,
Red Hairy Caterpillars	Thiodan 35 EC @ 27 ml in 18 litres water
BEST PRACTICES	
	Seed treatment with fungicide and bactericide to avoid seed borne diseases
	Proper drainage and water management in the field
	Maintain moist conditions during pollination to grain filling stage for better disease tolerance and corn yield
	Maintaining minimum isolation distance.