

PACKAGE OF PRACTICES

CROP: OKRA

Sl. No.	Particulars/operations /Practice	Details of operation
1	Suitability for the area/ Agro climatic zone	Long warm seasons. Okra is sensitive to frost. Seeds do not germinate below 20°C. Best growth between 25-30°C
2	Land / Soil	Well drained sandy loams and clay loam. pH of 6.0-6.8 is ideally suited.
3	Season/sowing time	June-Oct and Feb-April in South India. July-Aug and Feb- March in Northern and Western India and June-July in Eastern India
4	Seed rate	4-6 kg/acre
5	Preparation of Main field and planting	Apply 10 tonnes of decomposed FYM followed by harrowing to mix in the soil. * Form ridges and furrows * Apply basal dose of fertilizers in furrows and cover the fertilizer * Irrigate the field two day prior to sowing. * Dibble two seed per hill, immediately give light irrigation for quick and better Germination
6	Spacing	Row to Row: 60 cm; Plant to plant: 30cm
7	Seed treatment before sowing	Seed treatment with Gaucho(Imida) 2 ml/kg
8	Manures and Fertilizers	* Basal dose before sowing : 30:40:40 Kg NPK * First top dressing 20-25 days after sowing: 20kg N * Second top dressing 20-25 days after first top : 20 kg N Apply 10 kg Furodan along with basal fertilizer
9	Irrigation schedule	Irrigate field depending on soil type. Light and frequent irrigation once in a 5-6 days interval. Ensure sufficient moisture at root zone especially during flowering fruit stage
10	Weeding/ inter-cultivation	Two hand weeding is required. Keep plots free of weed. Earthing up at 30 and 60 days after sowing
11	Micronutrient/growth regulator sprays	*Spray Calcium Nitrate(1% solution) at the time of flowering to increase fruit set
12	Pest and Disease control	Powdery Mildew: Karathane 1.0ml/Lit. Sulfex 2 g /Lit Cercospora Leaf Spot: Dithane M-45 2.0 g /Lit Whiteflies: Triazhophos(Spark) 1.0 ml/Lit Fruit Borer: Quinolphos(Ekalaux) Cypermethrin 2.0 ml/Lit Sucking pest: Confidor 0.3ml/Lit, Actapride 1.0 ml/lit Fusarium Wilt: Drench 0.2% Bavistin To control YVMV, White flies should be controlled
13	Expected yield	First picking of tender green pods starts from 45 DAS. Harvest tender pods alternate days. Well managed okra yields 7-8 tonnes/ha green pods.