

PACKAGE OF PRACTICES

CROP: CHILLI

Sl. No.	Particulars/operations /Practice	Details of operation
1	Suitability for the area/ Agro climatic zone	All major chilli growing areas. A frost free period of 4 months with max temp of 30°C and Min. temp of 15°C
2	Land / Soil	Well drained black to medium clay loam. Optimum pH 6-6.5 is ideal. Good seed germination at 25-30° C
3	Season/Sowing time	June-October for green chilli. Crop is raised round the year under irrigated condition
4	Seed rate	80-100g. Transplant 30 – 35 days old vigorous seedlings Ridges and furrows. Raised bed under drip irrigation.
5	Preparation of Main field and planting	Deep ploughing and harrowing. Add decomposed FYM @ 7-8 tones followed by harrowing to mix in the soil thoroughly. Open the ridges and furrows. Apply basal dose on fertilizers Irrigate the field one day before transplanting. Transplanting should be done late afternoon. After transplanting light irrigation should be given for better and quick stand
6	Spacing	Row to Row: 60-75 cm; Plant to plant: 45 – 60cm
7	Seed treatment before sowing	Seed treatment with Captan (2g/kg)
8	Manures and Fertilizers	* First dose basal before transplanting: 50:50:50 kg NPK * Second dose 20-25 days after first application: 25 kg N *Third dose 20-25 days after second application: 25 kg N
9	Irrigation schedule	Irrigate field depending on soil type .light and frequent irrigation once in 8days interval. Ensure sufficient moisture at root zone especially during flowering fruit setting stage
10	Weeding/ inter-cultivation	Two hand weeding is required. Keep plots free of weed. Earthing up at 40-45 DAT
11	Micronutrient/growth regulator sprays	Apply at the time of flowering Sulphur (Bensulf) 10 kg *Spray Calcium Nitrate(1% solution) at the time of flowering to increase fruit set * Spray Urea & Soluble K(1% Solution each) 15 days interval during harvesting time
12	Pest and Disease control	Powdery Mildew: Karathane 1.0ml/Lit.Sulfex 2 g /Lit Fruit rot Anthracnose: Ridomil/Kavach 2.0g/Lit Cercospora Leaf Spot: Dithane M-45 2.0 g /Lit Thrips /Aphids /Mites: Monocil/Omit-1.5 ml/Lit Whiteflies: Triazophos(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
13	Expected yield	Green chilli is ready for 1 st harvest at 75 DAT. Red chilli in 105 DAT. Crop last for 5-6 months after transplanting. 8-10 tons/ha green chilli. 2.0 tons/ha red chilli under ideal farming.