

PACKAGE OF PRACTICES

CROP: RADISH

Sl. No.	Particulars/operations /Practice	Details of operation
1	Suitability for the area/ Agro climatic zone	Cool weather. Grows best at 16-18°C.
2	Land / Soil	Well drained sandy loams and alluvial soils. Soil pH 5.5 to 7.0 is ideal.
3	Season/Sowing time	Sep - Dec in plains. In hilly and cool weather round the year
4	Seed rate	3.0-3.5kg. Ridges and furrows Basin method
5	Preparation of Main field and planting	Apply 6 tones of decomposed FYM followed by harrowing to mix in the soil. * Form ridges and furrows * Apply basal dose of fertilizers in furrows cover the fertilizer * Irrigate the field two day prior to sowing. * Dibble seed Thinly on shallow ridges. Basins , immediately give light irrigation for quick and better Germination
6	Spacing	Row to Row 30cm; Plant to plant: 5-10 cm
7	Seed treatment before sowing	Seed treatment with captan2 g/kg. Soak seed in water for 12-24 before sowing.
8	Manures and Fertilizers	* Basal dose before sowing : 20:25:25 Kg NPK * First top dressing 20-25 days after sowing:25kgN Apply 10 kg Furadan along with basal fertilizer
9	Irrigation schedule	Irrigate field depending on soil type .light and frequent irrigation once in 5-6days 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 days after sowing. Thin out plant to maintain plant to plant 8-10cm spacing
11	Micronutrient/growth regulator sprays	Multiplex-Spray if notice micro nutrient deficiency
12	Pest and Disease control	Leaf spot: Ridomil 2 g/lt Powdery mildew: Sulphur 2g/lt Carrot fly: Chloropyriphos 1g/lt Cut worms: Methomyl bait Sucking pest: Confidor 0.3ml/lt
13	Expected yield	Harvest the beet root after tuber attaining diameter of about 2.5 to 3.0 cm. Crop matures in 90 days. Uproot the plant along with roots and separate roots. An average 12 week after sowing, yields 200-300 q/ha roots