

## PACKAGE OF PRACTICES

### CROP: PUMPKIN

Sl. No.	Particulars/operations /Practice	Details of operation
1	<b>Suitability for the area/ Agro climatic zone</b>	A long warm period with 30-35°C temp is good for growth and fruit set. Min. temp should not be below 18°C
2	<b>Land/Soil</b>	Well drained sandy loam to moderately heavy soil, rich in organic matter with pH 6.0 to 6.5 is found ideal.
3	<b>Season/Sowing time</b>	January-April , September-November
4	<b>Seed rate</b>	1.0-1.5 kg. canal method
5	<b>Preparation of Main field and planting</b>	Apply 8- 10 tonnes of decomposed FYM followed by harrowing to mix in the soil. Apply a basal dose of fertilizers in sowing canals and cover the fertilizer. Irrigate the field a day before sowing.
6	<b>Spacing</b>	(Row to Row x Plant to plant): 2.5-3.0m x 1.0-1.5m in Summer and 2.5-3.0m x 0.9-1.0m –Kharif/Rabi
7	<b>Seed treatment before sowing</b>	Seed treatment with Gaucho (Imido) 2 ml/kg
8	<b>Manures and Fertilizers</b>	* Basal dose before sowing : 30:40:40 Kg NPK + 10kg Furadan * Top dressing after 40 days of sowing : 40kg N * Complex 10:26:26 and MOP to be added 75kg/acre * Urea 120-140 kg/acre
9	<b>Irrigation schedule</b>	Irrigate field depending on soil type. Light and frequent irrigation once in a 7-8 days interval. Ensure sufficient moisture at root zone especially during flowering fruit stage
10	<b>Weeding/ inter-cultivation</b>	Three-Four weeding is required. Keep plots free of weed. Earthing up at 30 and 60 days after sowing. vine guiding
11	<b>Micronutrient/growth regulator sprays</b>	Spray multiplex / Rexolin 1g/ltr during fruiting stage Micronutrient 1g/ltr during flowering period.
12	<b>Pest and Disease control</b>	<b>Powdery Mildew:</b> Karathne, Amister (1.0ml/ltr) <b>Downy mildew:</b> Ridomil / Mancozeb 2g/ltr <b>Leaf miner:</b> Trizhophos(Spark)1.0 ml/ltr, Acephate2g/l, <b>Red pumpkin beetle:</b> Thiamethoxam 1ml/ltr, Actera 0.5-1g/l <b>Sucking pest:</b> Confidor 0.3ml/Lit, Actapride 1.0 ml/ltr <b>Fusarium Wilt:</b> Drench 0.2% Bavistin <b>Fruit fly:</b> Use pheromone traps. Deltamethrin 1ml/ltr
13	<b>Expected yield</b>	Fruits to be harvested at full maturity, when colour changes from green to yellowish-orange (80-90 days after sowing). Yield 6-8 tons/acre, can be obtained in a well managed crop.