

Package of Practice for Hybrid Cabbage Cultivation

Soil & Climate:

Hybrid Cabbage can be grown in wide range of soil which is rich in organic matter with pH 6.0 to 6.5. It is better to grow cabbage in cooler conditions; but some hybrids can tolerate hot weather conditions also. The ideal temperature for the cabbage crop is 15-20° Celsius.

Sowing Time:

Cabbages can be cultivated year-round by selecting appropriate hybrid. The main planting season is as follows.

Northern India: Aug – Nov.

Eastern India: June – July and Sep – Oct.

Southern India: May – June and Sep – Oct

Western India May: June and Sep – Oct

Northern Hills: May – Aug and Sep – Oct

Field Preparation:

Fine tilth of the soil is recommended to get the good yield. This could be done by repeated ploughing by disc plough and followed by harrowing & and planking.

Seed rate and Nursery preparation:

Approximately 120–130 g seed is sufficient for the cultivation 1.0-acre land. Prepare raised beds, 4 x 1 meter, and 10-15 cm high to prevent water logging. The beds should be enriched with well-decomposed farm yard manure (FYM) and fine sand. Maintain adequate spacing between beds (70cm) to facilitate watering and other operations. Seed beds should be drench with fungicides to prevent fungal diseases. Seeds are sown at a depth of 1-1.5 cm in rows and cover with soil and mulch. Regular watering is essential, especially in the initial stages, but avoid overwatering. Seedlings may need protection from excessive sunlight, rains especially during germination, farmer can protect by using polyethene sheet or nets.

Transplanting:

25-30 days old, healthy seedlings of uniform size are generally selected for transplanting.

Spacing:

Closer spacing is recommended for early hybrids. Row to row 50 – 60 and plant to plant 30-45 cm is ideal but it may vary hybrid to hybrids.

Manure & Fertilizers

Apply Farm Yard Manure: 8-10 tones/acre at time of last ploughing and in addition to this N: P: K 80:50:60 Kg is required per acre. Apply 50% of the recommended nitrogen and full phosphorus and potash before planting. Balance Nitrogen should be given into two split doses after 15 and 30 days of planting. The above quantity may be given as per the availability of various fertilizers in the local market like NPK/ SSP/ DAP and MOP etc.

Irrigation:

Depending upon soil and weather conditions, irrigate the field to keep soil moist but avoid excess watering or dry spell.

Plant protection:

There are several types diseases issues in cabbage crops like Damping off, Downey mildew, black rot, and insects like Diamond black moth etc. Farmers are requested to follow the guidelines as per the recommendation of local agriculture department.

Harvesting:

Cabbage heads should be harvested when they attain full size, few hybrids have good field holding capacity. Heads may be burst and lose if delay in harvesting.

***Note:** Please note that the information outlined above is derived from our R&D station. Due to potential variations in local conditions and expert advice, the company disclaims any liability for differences that may occur.*