

### Manures & Fertilizers:

- Apply 25 t/ha FYM or compost.
- Fertilizer dose is  $N:P_2O_5:K_2O$  150:100:125 kg/ha.
- Apply full dose of  $P_2O_5$  and  $K_2O$  and half dose of N before transplanting.
- Apply the remaining half dose of N one month after transplanting.



### Interculture:

Give very shallow hoeing to remove weeds and to make the soil better aerated.

### Harvesting:

**Harvest the crop** when heads are firm but tender.

### Yield:

The yield of cabbage depends upon the variety, growing season and management practices. Average yield variety from 15 to 25 tons per hectare



### Growing summer cabbage (Off Season)



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**Varieties:**

Greyhound , Hispi, Primo AKA Golden Acre, Derby Day, Minicole, Winnigstadt, Stonehead, Summer Queen

**Soil:**

- Cabbage prefers fertile soil, well-drained and in a sunny open position.
- Avoid soil that becomes waterlogged or conversely dries out rapidly.
- The optimum pH for cabbage is about 6.0 to 6.5.

**Season:**

Summer cabbage is sown in March to April. Sow the seeds in a seedbed or deep tray first, sowing them about 10cm to 15cm apart and about 2.5cm deep. When the seedlings are about 10cm tall and with 3 or 4 leaves, transplant them in the main field in May to June which can be harvested by August – September

**Seed Rate:**

300-500g is required for cultivating in 1 ha of land

**Seed bed and nursery raising:**

The seeds are generally sown in a seed bed under polyhouse or tunnels

**Bed preparation**

- Prepare raised bed to avoid water logging
- Raise the beds (1m x convenient length) 10-15 cm height
- The beds should be smooth and well leveled.
- Mix well-decomposed FYM with the soil at the time of bed preparation.
- If necessary, apply P and K @ 50-75 kg and 150-200 kg/ha respectively.
- Nitrogen should be added judiciously since over-application will induce the seedlings to be lanky.
- Drench the beds with Bavistin (15-20 g/10 lt of water) to avoid mortality of seedlings due to damping off.

**Raising seedlings**

- Treat the seeds with Trichoderma viride (4 g/ kg of seed) or Thiram (2g/ kg of seed) to avoid damage from damping-off disease.
- Sow the seeds at a depth of 2-3 cm and thinly in lines at 5 - 7 cm apart
- After sowing cover the seeds with a fine layer of soil followed by light watering
- During the last week in nursery, withhold water to harden the seedlings

**Transplanting:**

Transplant the seedlings when they are 4-6 week old with about 5 – 6 leaves.

Water the pits properly a day before transplanting to avoid shock effect to the seedlings.

**Spacing:**

Transplant the seedlings at 40 - 50cm apart