

# Tuberose

## Planting

### Land Preparation

The soil should be ploughed to a depth of 30-40 cm during January and exposed to sun for at least 15 days for killing weeds and insects. Well rotten FYM @20tonnes/ha is incorporated with the soil immediately after ploughing. The soil is brought to fine tilth by breaking the clods and removing the weeds. The field is laid out into pots of convenient sizes with irrigation channels and ridges and furrows.

### Season of planting

Under sub-tropical conditions, the bulbs are planted in Feb-April. Well-developed spindle-shaped bulbs, with diameter 1.56 cm and above forming at the outer periphery of the clump, are considered ideal for planting. Freshly harvested tuberose bulbs can be used for planting 4-5 weeks after harvesting. Planting fresh bulbs leads to profuse vegetative growth and poor flowering.

### Spacing

**Recommended spacing for planting the bulbs is as follows-**

State	Spacing (cm)	No. of bulbs/ha
Maharashtra	15x20	3,30,000
West Bengal	25x25	1,60,000
Karnataka	30x22.5	1,48,000
Uttar Pradesh	30x30	1,11,000

The depth of planting varies between 3.0-7.0 cm depending upon the diameter of bulb and the soil type. Planting is deeper in sandy soil as compared to clay soil. In sandy loam soil planting of bulbs is done at the depth of 6.0 cm. In general planting is done in such a way that the growing portion of the bulb is kept at the ground level.