



**Family: Asteraceae**

**Native of Tropical region of South America, Africa**

**Gerberas are excellent for cut flowers, bedding, pots, borders, edging and rock gardens. Individual blooms can also be used in bouquets and floral arrangements.**

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# Gerbera

Tissue Culture Plants





Planting Method: Soil



Cocopeat Substrate - Clay Pots



Cocopeat Substrate - Troughs

## GERBERA VARIETIES



LIVIA



BREAKDANCE



PETALI



SRIVIDYA



DEEPTI



HAIMI



SHANTI



SHREEM



JAYA



KALYA



ALCATRAZ



TERRA KALINA



TERRA SNOOKI



BASIC



ROSA NOVA



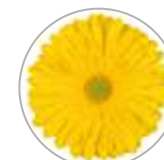
CORANO



TERRA ORANGE COUNTY



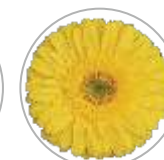
TIMIRA



ARDILES



VERA



YASHI



DEEPPRED



FAITH



COMPLETA



### Temperature:

Optimum range is 20 °C – 35 °C  
(Can go upto 42 °C)



### Photo Period / Light:

35,000 – 40,000 Lux



### Relative Humidity:

55-65 % relative humidity is considered optimum. Under conditions of high humidity levels excellent ventilation is a must. **Soil** - Highly porous, well drained. pH: 5.5 - 6.0 Electrical Conductivity: < 1 mS/cm



### Nutrition:

The amount, type and frequency of fertilizer application depends upon the crop growth stage. Fertigation should be done early in the morning for better utilization of nutrients.

**Vegetative stage:** 3 weeks after planting upto 3 months. NPK ratio – 1 : 1 : 1

**Production stage:** 3 months after plantation : NPK ratio – 2 : 1 : 4. pH: 5.5 – 6.5 EC during the vegetative stage: 1.2 mS/cm. EC during generative stage: 1.5 mS/cm

### Plant Population:

Gross plant population: 6 plants per sq. mt.



### Irrigation:

- The need and frequency of watering depends on several factors like, temperature, aeration, presence of moisture in media etc.
- Water pH: 5.8 to 6.8, EC: < 0.7 mS/cm
- Drip irrigation system: for soil media plantation and trough plantation.
- Drip irrigation system with pegs: For pot plantation with cocopeat media.



### Growth and Flowering pattern:

First flowers are produced approximately 2.5 - 3 months after plantation when plants have developed 16 - 18 fully expanded healthy leaves.

### Harvesting and Production:

Harvest the flower early in the morning or late in the evening when temperatures are low. Harvest Index - Flowers are harvested when 2-3 whorls of stamens have entirely been developed. Cut the heel of flower stalk by angular cut and keep immediately in water for 4 hours. Average production 240 flowers per sq. mt. (6 plants per sq. mt.) (The production depends on the cultural and management operations carried out in the greenhouse)