



Family: Orchidaceae

Native of S-E Asia

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

A large, circular close-up photograph of several bright pink Phalaenopsis orchid flowers. The flowers are densely packed and show a classic butterfly shape with a prominent central column. The background is a soft, out-of-focus pink, creating a romantic and elegant atmosphere.

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Orchid

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Cement Pole Stand

GI Stand

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Growth and Flowering pattern:

First spike emergency of a hardened plant having height of 10 - 12 cm in 4 months after planting. This solely depends on the conditions that are provided to the plant. They are Optimum light, temperature, humidity as well as the nutrients provided.

Production & Harvesting

First year: 3 - 4 small spikes, bearing 5 florets each.

Second year: 5 - 7 spikes, bearing 7 florets each.

Third & Fourth year: 8 - 10 spikes, bearing 8 - 10 florets.

Temperature:
Day temperature: 20 °C - 35 °C
(Can go upto 42 °C)



Photoperiod / Light:
20,000 - 30,000 Lux (Vegetative Stage)
40,000 Lux (Generative stage)

Relative Humidity:
60 - 80% relative humidity is considered optimum. Under conditions of such high humidity levels excellent ventilation is a must.

Nutrition:
The amount, type and frequency of fertilizer application depends upon the crop growth stage and growing conditions. Planting upto 4 months.

NPK ratio: 1 : 1 : 1

5th - 7th month: NPK ratio - 1 : 3 : 1

7th month onwards: NPK ratio - 1 : 2 : 3

The pH should be maintained between 5.5 - 6.5, and EC during the vegetative stage should be around 1.2 and can go upto 1.8 - 2.0 mS/cm.

Irrigation:
The need and frequency of watering depends on several factors like, temperature, aeration, light intensity, presence of moisture in media etc.