



Seeds



Plugs

## Marigold Xochi

Xochi delivers stronger stems and richer colors than other commercial varieties. Xochi means “flower” or “princess of flowers” and is a shortened version of Xochitl, an ancient Aztec word used in Spanish today, most commonly in Mexico.

Xochi offers the uniformity, good shipability and durability to meet the increasing consumer demand for Día de los Muertos and Halloween celebrations; good for use in bouquets and grower bunches.

- **Stronger peduncles than normal that will permit you to produce bigger heads that won't brake during shipping or when handled.**
- **Size and color are perfectly stable**





## TECHNICAL INFORMATION

### CROP TIME

Productions starts 11 weeks after planting and ends at week 13.

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### PLANTING DENSITY

80 plants/ m<sup>2</sup> or 7-8 plants/ft<sup>2</sup>

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### PRE-PLANTING

**Soil:** Well drained, loose soil with no clusters, at least 25 cm (10 in.) deep.

**pH:** 6.2 to 6.5 (plug); >6.5 (plant in production)

**Netting:** 2 levels

**CE:** 0.76 -1.25 dS/cm (1:2)

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### DISBUD

Consists of the elimination of all auxiliary buds. This work is essential to achieve the desirable flowering type. Disbudding is done in week 4 and a second and third disbudding are done during week 7 and 9.

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### IRRIGATION

Maintain soil moisture at field capacity. Apply from 4.0 to 6.5 liters / m<sup>2</sup> / week according to the organoleptic monitoring. If the irrigation is deficient, it can cause a decrease in the quality of the flower.

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### FERTILIZATION

A high nitrogenous fertilization can cause an excessive growth of the plants. After transplanting fertilize the first six weeks with a well-balanced formula based on

Calcium Nitrate. Then switch to a high potassium formulation. Marigold is sensitive to Calcium and Boron deficiency. Apply foliarly for 10 days, starting 10 days after transplanting.

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### TEMPERATURE

The ideal temperature is between 26 ° and 32°C. The minimum night temperature must be 10 °C. It is sensitive to frost.

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### HARVEST

The harvest should be done when the flower head diameter is 7 cm.

Harvest with care. Stems are very fragile since they are hollow.

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### POST-HARVEST

Use AVB (0.5cm<sup>3</sup> /Lt of Water). Mix very well and add AVB Booster (1 cm<sup>3</sup>/Lt of Water. Keep the flower in this solution for 4 hrs.

Then hydrate for 4 hrs in CHRYSAL PROFESSIONAL 2 (10 cm<sup>3</sup>/Lt of Water).

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### PESTS & DISEASES

- Aphids
- Thrips
- Botrytis
- Cutworm
- Alternaria
- Pythium
- Phytophthora
- Pseudomonas