

# Marigold (Tagetes p.n.) Chica Series



<b>Life cycle</b>	Annual
<b>Family/origin</b>	Asteraceae /Latin America
<b>Popular uses</b>	Outdoor containers, pots and packs, suitable for landscape beds and garden
<b>Mature plant height</b>	20-25 cm (8-10")
<b>Mature plant width</b>	20-25 cm (8-10")
<b>Pot size</b>	Packs, 8-15 cm (3-6") pots quart/liter pots
<b>Plants per pot</b>	1 3 per 15 cm (6") or larger
<b>Sun exposure</b>	Full sun
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering time</b>	Entire growing season
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5,5-6,2 EC 1.4-1.8 (210-270 ppm N)
<b>Growing temperature</b>	Start at 18-20°C (64-68°F) Lower the temperature after root at 15-18°C (59-64°F) Avoid wet conditions at night
<b>Light</b>	Facultative long day-in low light areas they may need daylength extension in the short day times of year when natural light accumulation is low for earlier flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
<b>Crop time</b>	10-12 weeks
<b>Hardiness zone</b>	N/A



Orange

### Growth regulators

Daminozide (Dazide, B-Nine),  
Paclobutrazol (Bonzi)

### Common Diseases

Botrytis and Leafspots

### Common Pests

Aphids, Thrips, Caterpillar and Snails

### Pinching

No need

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## Plug Production



<b>Seed forms</b>	Raw and slick-coated
<b>Seed count</b>	300-350 sds/gr (8,500-9,900 sds/oz)
<b>Recommended plug size</b>	480-288
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	Normal cover
<b>Stage 1 Germination</b>	Media pH 5.5 to 6.3 Moisture: keep medium saturated Soil medium temperature: 20-22°C (68-72°F) Fertilizer EC levels: EC levels: 0.5-1.0 (75-150 ppm N)
<b>Stage 2 Stem and cotyledon</b>	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases. Prevent wet foliage after nightfall Temperature: 18-20°C (65-68°F) Fertilizer level: EC 0.5-1.0 (75-150 ppm N)
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 18-20°C (65-68°F) Fertilizers: Fertilizers: EC 1.4-1.8 (210-270 ppm N)
<b>Stage 4 Ready for transplanting</b>	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 16-18°C (60-65°F) Fertilizers: see stage 3
<b>Plug crop time</b>	4-5 weeks
<b>Approximate finish time</b>	5-7 weeks
<b>Special tips</b>	Grow on a generally dry regime but bud abortion and lack of flowers can occur if the plants are too dry and stressed. Good light levels needed Very sensitive to frost