

Marigold (Tagetes p.n.) Chica Series



Life cycle	Annual
Family/origin	Asteraceae /Latin America
Popular uses	Outdoor containers, pots and packs, suitable for landscape beds and garden
Mature plant height	20-25 cm (8-10")
Mature plant width	20-25 cm (8-10")
Pot size	Packs, 8-15 cm (3-6") pots quart/liter pots
Plants per pot	1 3 per 15 cm (6") or larger
Sun exposure	Full sun
Water requirements	Reduced, avoid wet conditions
Flowering time	Entire growing season
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 1.4-1.8 (100-150 ppm)
Growing temperature	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
Light	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
Fertilizer needs	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (50-200 ppm)
Crop time	10-12 weeks
Hardiness zone	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



Seed forms	Raw and slick-coated
Seed count	300-350 sds/gr (8,500-9,900 sds/oz)
Recommended plug size	480-288
Seeds cell	1
Vermiculite cover	Normal cover
Stage 1 Germination	Media pH 5.5 to 6.3 Moisture: keep medium saturated Soil medium temperature: 20-22°C (68-72°F) Fertilizer EC levels: EC 0.5-1.0 (50-75 ppm)
Stage 2 Stem and cotyledon	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 (50-75 ppm)
Stage 3 Growth and development	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: as stage 2 To prevent stretching alternate with potassium nitrate at EC 1.4-1.8 (100-150 PPM)
Stage 4 Ready for transplanting	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
Plug crop time	4-5 weeks
Approximate finish time	5-7 weeks
Special tips	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