

Tagetes patula nana Chica series

Life cycle	Annual
Family / Origin	Asteraceae / Latin America
Popular uses	Outdoor containers, pots and packs, landscape, beds and garden
Mature plant height	20-25 cm (8-10")
Mature plant width	20-25 cm (8-10")
Pot size	Packs, 8-15cm (3-6") pots and quart/liter pots
Plants per pot	1 plant per pot 3 plants in 15 cm (6") pot 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 (210-270 ppm N)
Growing temperature	Start at 18-20°C (64-68°F) After rooting, reduce temperature to 15-18°C (59-64°F) Avoid wet conditions at night
Light	Facultative long day – in low light areas they may need an extension of day length in the short day times of year when natural light accumulation is low for earlier flowering
Fertilizer needs	Balanced N:P:K fertilizer as needed recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
Crop time	9-12 weeks
Hardiness zone	N/A



Description

Early flowering and compact growing plant habit with uniform height within the series

Growth regulators

Daminozide (Dazide/B-Nine) and Paclobutrazol (Bonzi)

Common diseases

Botrytis and Leafspots

Common pests

Aphids, Thrips, Caterpillars and Snails

Pinching

No need

Plug Production

Seed forms	De-tailed and Coated
Seed count	300-350 seeds/gram (8.500-10.000 seeds/oz); varies by lot!
Recommended plug size	480-288
Seeds cell	1
Vermiculite cover	Normal cover
Stage 1 Germination	Media pH 5.5 to 6.3 Medium moisture: keep medium saturated Medium soil temperature: 20-22°C (68-72°F) Fertilizer: EC 0.5-1.0 (75-150 ppm N)
Stage 2 Stem and cotyledon	Reduce moisture levels to achieve optimal root penetration and prevent fungal diseases Avoid wet foliage after nightfall Temperature: 18-20°C (64-68°F) Fertilizer level: EC 0.5-1.0 (75-150 ppm N)
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 (64-68°F) Fertilizers: EC 1.4-1.8 (210-270 ppm N)
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 (61-64°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