

Cineraria (Dusty Miller) *maritima* Silverado



Life cycle	Hardy perennial
Family/origin	Asteraceae/Mediterranean region
Popular uses	Outdoor containers, pot and pack, suitable for borders, beds and silver color accents for mixed containers
Mature plant height	25-30 cm (10-12")
Mature plant width	25-30 cm (10-12")
Pot size	Packs, 10-15 cm (4-6") pots
Plants per pot	1 per cell or 10 cm (4") 3 per 15 cm (6") or larger
Sun exposure	Sun or partial shade
Water requirements	Reduced, avoid wet conditions
Flowering time	Second year flowering
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.3 EC 0.5-1.8 (75-270 ppm N)
Growing temperature	Temperature for active growth 15°C (58°F) at night, 16-18°C (60-64°F) at day time
Light	Not necessary
Fertilizer needs	Balanced N:P:K fertiliser as needed ammonium based fertilizers are not recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
Crop time	5-7 weeks
Hardiness zone	Z 7-10



Silverado

Growth regulators

Cineraria responds to: Daminozide (Dazide, B-nine) and Paclobutrazol (Bonzi)

Common Diseases

Botrytis, Powdery, Downy mildew and Leaf spots. Avoid cool and wet conditions

Common Pests

Spider mites, Thrips, Aphids and Whitefly

Pinching

No need

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Plug Production



Seed forms	Pro-seed and pelleted
Seed count	2000-2250/ gram (56,000-63,000 seeds/oz.) <i>Varies by lot!</i>
Recommended plug size	480-264
Seeds cell	2-4
Vermiculite cover	Lightly cover the seed
Stage 1 Germination	Germination time 2-4 days Media pH 5.5 to 6.3 EC 0.5-0.7 (75-100 ppm N) Moisture: keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature Fertilization: EC 0.5-1.0 (75-150 ppm N)
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) Fertilization: EC 0.5-0.7 (75-100 ppm N)
Stage 3 Growth and development	Reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 18-20°C (65-68°F) Fertilization: EC 1.2-1.5 (180-225 ppm N)
Stage 4 Ready for transplanting	Temperatures can be dropped to 15°C (60°F). Higher temperatures will result in more use of growth regulators to prevent stretching
Plug crop time	5-6 weeks
Approximate finish time	10-12 weeks
Special tips	Ensure best light conditions especially early season and grow dry to restrict and harden growth. Transplant on time