

Vinca rosea F1 Solar Series (Catharanthus)



Life cycle:	Tender Perennial
Family/origin	Apocynaceae
Popular uses	Flowering plant, pots, packs, outdoor mixed containers, landscape beds, hanging baskets
Mature plant height	25-30 cm/10-12"
Mature plant width	25-30 cm/10-12"
Sales pot size	Packs, 10-15 cm/4-6" pots and larger
Plants per pot	1, 3 per 15 cm/6" or larger pots
Sun exposure	Full sun best
Water requirements	Normal to reduced
Flowering season	All growing season
Daylength sensitivity	N/A
Approx. total crop time	11-12 weeks for packs and small pots, to 14 weeks for larger pots
Hardiness zone (USDA)	10-13 Frost tender
Growth regulators	Vinca responds to: B-nine, A-rest and Cycocel. Concentrations vary per region and by season. Bonzi and Sumagic are known for creating leafspot problems in Vinca
Common diseases	Botrytis, Rhizoctonia, Pythium, Phytophthora, Thielaviopsis



Vinca F1 Solar Burgundy

Vinca F1 Solar series is an upright growing, vigorous Vinca with large flowers with overlapping petals, even from the first flowers.

F1 hybrid Vinca Solar is less susceptible to diseases. The application of good growing techniques will help to prevent many problems. Vinca's are light feeders. Over fertilizing N will result in soft leaf tissue, which is more susceptible to diseases. The use of ammonium-based fertilizers may result in thin, elongated roots; these are more susceptible to soil born fungi. Vinca is day length neutral and do best in a warm and sunny environment. Avoid overhead watering. Allow foliage to dry during daytime to prevent disease problems.

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Plug Production



Seed forms	Raw
Seed count (varies by lot)	700 seeds/gram (19.600 seeds/oz)
Seeds cell	1
Vermiculite cover	Yes, coarse
Stage 1 Germination	Vinca requires darkness for optimum germination. Covering the seeds with coarse vermiculite is sufficient Light will slow down or even prohibit germination Media pH 5.5 to 6.3 Moisture: keep medium saturated Growing medium temperature: 25°C/77°F Fertilizer levels: 0.5-1 EC
Stage 2 Stem and Cotyledon	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases. Prevent wet foliage after nightfall Growing medium temperature: 20-22°C/68-70°F Fertilizer levels: EC. 1-1.25 After germination: 2,500 to 3,000 f.c. (25,000 to 30,000 Lux)
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry somewhat between watering, but do not allow plants to wilt Temperature: 20-22°C/68-70°F; Fertilizer levels: as stage 2. To prevent stretching alternate with potassium nitrate at 50-75 ppm EC. 1.5-2 Keep light levels high
Stage 4 Ready for transplanting	Moisture: reduce moisture levels and allow medium to dry somewhat between watering, but do not allow plants to wilt Temperature: 18-20°C/64-68°F Fertilizer levels: see stage 3 Seedling maturity: Up to 5,000 f.c. (50,000 Lux)
Recommended fertilizer type	Well balanced complete fertilizer - avoid ammoniacal nitrogen as it will promote soft growth and disease susceptibility
Plug crop time	5-6 weeks
Approximate finish time	6 weeks small pots and packs, to 12 weeks for cascading hanging baskets
Special tips	Media: a well-drained, porous media is best to prevent over watering pH 5.5-6.3 EC. 1,5-2 Moisture: Plants should be grown dry, watering evenly when necessary. The crop needs to have good air circulation in well ventilated conditions Keep light levels high