

Vinca Tattoo™ Series

(*Catharanthus roseus*)

Annuals Culture (revised 02/20/18)

Make your mark on vinca sales!

The art of plants comes alive on every Tattoo bloom – each petal looks like it is inked or airbrushed with soft brush strokes of black. Adding these standout newcomers to your lineup shows that you have your finger on the pulse of what today’s gardener really wants: bold, fun, head-turning. Tattoo...without a doubt, the most unique vinca on the market today!

Plug crop time: 5 weeks

Transplant to finish: 5 to 6 weeks

- Very floriferous and well-branched plants display one-of-a-kind flowers with an overlapping, fully rounded form that won’t show gaps in hot temperatures.
- 3 to 5-day flowering window with an appealing upright habit across all colours.
- Outstanding in hot and sunny conditions.
- NOTE: Tattoo blooms display the best colour contrast under warm conditions with higher light; colours brighten with increased temperatures and light. Grown under cooler conditions and lower light, colours appear darker overall with less contrast.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer, Late Summer	10-14 in. (25-36 cm)	6-8 in. (15-20 cm)	6 in. (15 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	288	1	5	3-5	5.8-6.0 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-4	Level 2-4
Temperature	75-78°F (24-26°C)	70-72°F (21-22°C)	70-72°F (21-22°C)	70-72°F (21-22°C)
Light	Optional	2,500 f.c. (26,900 Lux)	2,500 f.c. (26,900 Lux)	5,000 f.c. (53,800 Lux)
Fertilizer	Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC

Propagation Key Tips

Bottom heat during production can increase yield potential and decrease crop time.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 75°F (24°C) (night) 65-68°F (18-20°C)	5.5-6.0 pH 1.5-2.0 mmhos/cm	225 to 300 ppm N - 1.5 to 2.0 EC	Day Neutral

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	5-6 (weeks)	Spring	-
4"/4.5"/Quart	1 (ppp)	6-7 (weeks)	Spring	-
5"/6"/1 Gallon	1-3 (ppp)	6-8 (weeks)	Spring	-

Fertilizer Notation

Starting 1 week after transplant, apply fertilizer at rate 4 (225 to 300 ppm N/1.5 to 2.0 mS/cm) once a week using predominately a nitrate-form fertilizer with low phosphorus and high potassium.

Maintain the media EC at 1.5 to 2.0 mS/cm and pH at 5.5 to 6.0.

For constant fertilizer program, fertilizer can be applied at rate 3 (175 to 225 ppm N/1.2 to 1.5 mS/cm) while maintaining the above recommended EC and pH ranges.

Common Problems

Insect: Spider mites, thrips, aphids and mealy bugs Disease: Rhizoctonia, Botrytis, Phytophthora, Rhizopus, Pythium, Thielaviopsis, Alternaria, Ulocladium and Tomato Spotted Wilt Virus

Finishing Key Tips

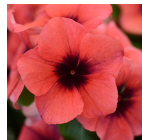
Keep light as high as possible ($DLI = 12 \text{ moles} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$) while maintaining optimal production temperatures. Maintain even moisture and avoid excessive media and foliage wetness, as these conditions are favourable for disease incidence. The Tattoo series displays the best colour contrast under warm conditions with higher light levels. When grown under cooler conditions and lower light levels, the colours will appear to be darker overall with less contrast; colours will brighten with increases in temperature and light.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

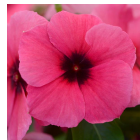
Variety Pictures



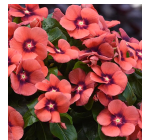
Black Cherry



Papaya



Raspberry



Tangerine

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