

Vinca Titan™ F₁ Series

(*Catharanthus roseus*)

Annuals Culture (revised 05/13/26)

Big, bold and better branching vincas!

Titan is up to 2 weeks faster to flower than open-pollinated vincas, with superior branching and big flowers in all the top-selling colours. The most uniform F₁ vinca series on the market shows off flowers that are up to 50% larger than O.P. types in cooler temperatures.

Plug crop time: 5 weeks

Transplant to finish: 3 to 4 weeks

- Upgrade your vinca for the best germination and the most reliable supply available on the market!
- More stress-tolerant due to hybrid vigour – tolerates heat and drought and can withstand cooler and wetter conditions compared to O.P. types.
- Perfect for landscapes and containers of all types.
- Well-suited to packs, 4-in./10-cm and 6-in./15-cm pots.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|----------------------------------|-------------------------|-------------------------|------------------|
| Sun | Late Spring, Summer, Late Summer | 14-16 in. (36-41 cm) | 10-12 in. (25-30 cm) | 8 in. (20 cm) |

Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days from 50% to maximum germination | Initial Media pH/EC (1:2) | 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 | Dark | 2,500 f.c. (26,900 Lux) | 2,500 f.c. (26,900 Lux) | 5,000 f.c. (53,800 Lux) |
| Fertiliser | | Less than 100 ppm N (Less than 0.7 EC) | 100 to 175 ppm N (0.7 to 1.2 EC) | 100 to 175 ppm N (0.7 to 1.2 EC) |
| PGR | | | ancymidol/2-5 ppm/Spray | ancymidol/2-5 ppm/Spray |

Propagation Key Tips

Bottom heat during production can increase yield potential and decrease crop time. At Stage 3 and Stage 4, preventive fungicide applications are recommended for Thielaviopsis, Pythium, Phytophthora and Rhizoctonia. Growth regulator information is provided for reference and does not apply to all growing conditions/locations. Review your crop prior to use.

Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | 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) | 3-4 (weeks) | Spring | daminozide 2,500 ppm Spray |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 4-5 (weeks) | Spring | daminozide 2,500 ppm Spray |
| 5"/6"/1 Gallon/15 cm | 3 (ppp) | 4-6 (weeks) | Spring | daminozide 2,500 ppm Spray |

Fertiliser Notation

Starting 1 week after transplant, applying 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 5.8. For a 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.

Chemical Sensitivity

Phytotoxicity has been reported on *Catharanthus roseus* with paclobutrazol.

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

Drench with a fungicide at transplant. 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, avoid excessive media and foliage wetness, as these conditions are favourable for disease incidence. Plant growth regulators may not be necessary for this series. Negative DIF can be used to control height. Daminozide and ancymidol can be used for height control if needed.

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 confirm the treatment is available in their region as well as 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



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