# GrowerFacts

PanAmericanSeed®

## Vinca Pacifica XP Series

*(Catharanthus roseus)*

Annuals Culture (revised 11/02/23)

**Plug crop time:** 5 weeks
**Transplant to finish:** 5 to 6 weeks

- Tight, 5 to 7-day flowering window and uniform, upright habit across all colours.
- XP genetics assure precise, programmable, predictable growing.
- Outstanding in hot, dry and sunny conditions.
- Very floriferous and well-branched plants show off bright flowers with an overlapping, fully rounded form that won't show gaps in hot temperatures.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Sun | Late Spring, Summer, Late Summer | 10-14 in.<br>(25-36 cm) | 6-8 in.<br>(15-20 cm) | 6 in.<br>(15 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<br>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<br>(24-26°C) | 70-72°F<br>(21-22°C) | 70-72°F<br>(21-22°C) | 70-72°F<br>(21-22°C) |
| **Light** | Optional | 2,500 f.c.<br>(26,900 Lux) | 2,500 f.c.<br>(26,900 Lux) | 5,000 f.c.<br>(53,800 Lux) |
| **Fertiliser** | | Less than 100 ppm N<br>(Less than 0.7 EC) | 100 to 175 ppm N<br>(0.7 to 1.2 EC) | 100 to 175 ppm N<br>(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 condition/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)<br>**(night)** 65-68°F (18-20°C) | 5.5-6.0 pH<br>1.5-2.0 mmhos/cm | 225 to 300 ppm N<br>(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 | daminozide 2,500 ppm Spray |
| 4"/4.5"/Quart/10 cm | 1-3 (ppp) | 5-7 (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 Bonzi, Sumagic and Topflor.

## 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 moles$\cdot m^{-2} \cdot d^{-1}$) 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

Apricot

Blush

Burgundy

Burgundy Halo

Cherry Red Halo

Dark Red

Deep Orchid

Magenta Halo

Orange

Polka Dot

Punch

Really Red

Rose Halo

White

Bold Mixture

Mixture

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