

# Mediterranean Vinca

*The Only Full Series of Trailing Vincas... Easy to Grow!*

- **Mediterranean** varieties make terrific hanging baskets & containers for late season sales!
- These bench-friendly plants will not tangle in production – the trailing habit starts just before shipping.
- Lush, free-flowering plants bloom and cascade vigorously over the side of the container for great consumer appeal!
- Outstanding in sunny, hot and dry conditions.
- Vigorous basal branching.
- Big, high-impact blooms with overlapping petals.
- **Mediterranean** series vincas are available as raw seed and plugs. Contact your local distributor or call PanAmerican Seed at 800 231-4868 and order today.

*Catharanthus roseus*

Approximate seed count: 12,200 to 24,100 S./oz.  
(430 to 850 S./g)

## Plug Production

### Plug Tray Size

**Mediterranean** vinca plugs are best produced in 392-cell plug trays.

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.8 to 6.0 and a medium initial nutrient charge (EC) of 0.75 mmhos/cm (1:2 extraction).

### Sowing

Cover the seed with coarse vermiculite. Allow 3 to 5 days for germination.

### Temperature

**Germination:** 75 to 78°F (24 to 25°C)

**Cotyledon stage:** 72°F (22°C)

**True leaves:** 70 to 72°F (21 to 22°C)

### Light

**Stage 1:** Light is not required for germination

**After germination:** 2,500 to 3,000 f.c. (25,000 to 30,000 Lux)

**Seedling maturity:** Up to 5,000 f.c. (50,000 Lux)

### Humidity

Maintain 95 to 97% relative humidity (RH) until cotyledons emerge.

### Soil Moisture

Keep soil moisture high at radicle emergence, then reduce moisture levels after cotyledon development. Do not allow seedlings to wilt.

### Fertilizer

**Stages 1 & 2:** Maintain an EC of 0.75 mmhos/cm and pH of 5.8 to 6.0.

**Stages 3 & 4:** Maintain an EC of 1 mmhos/cm and pH of 5.8 to 6.0.

### Growth Regulators

Not required.

## Growing On to Finish

### Container Size

**10 to 12-in. (25 to 30-cm) basket:** 5 to 6 plants per basket

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.8 to 6.0 and medium initial nutrient charge.

### Temperature

**Night:** 65° to 68°F (18° to 20°C)

**Day:** 75°F (24°C) or above

### Light

Keep light levels high.

### Irrigation

Maintain even moisture. Avoid excessive wetness.

### Fertilizer

Feed plants weekly with 200 to 300 ppm N in a complete fertilizer, again maintaining a pH of 6.0 or less.

### Growth Regulators

None required.

## Crop Scheduling

**Sow to transplant (392-cell plug):** 5 weeks

**Transplant to finish in a 3-in. (7-cm) pot:** 6 to 8 weeks

**Transplant 3-in. (7-cm) pot to 10 to 12-in. (25 to 30-cm) container:** Approximately 5 to 7 weeks with 5 to 6 plants per container

**Total crop time from sow to finished large container:** 17 to 20 weeks. The timing is dependent on the temperature and light provided.

## **Common Problems**

**Diseases:** Incorporate a preventative fungicide program for *Pythium*, *Rhizoctonia*, *Theleviopsis*, *Botrytis*

**Insects:** Thrips, aphids

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