

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 12 to 15 weeks after sowing.
- Lush, free-flowering plants bloom early in an extensive color range.
- 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. Order today! Contact your local distributor or call PanAmerican Seed at 800 231-4868 for information.

Catharanthus roseus

Approximate seed count: 18,500 S./oz. (650 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 6 days for germination.

Temperature

Germination: 75 to 80°F (24 to 26°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% 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 6.0 or less.

Stages 3 & 4: Maintain an EC of 1 mmhos/cm and pH of 6.0 or less.

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 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

PanAmerican Seed

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