

Angelonia Serenita® F₁ Series

(*Angelonia angustifolia*)

Annuals Culture (revised 01/26/21)

Your no-pinch, low-hassle angelonia

Serenita and companion Serena are the only seed angelonias on the market, giving you the premium results you expect from vegetative varieties, with less labor and more efficiency. Both fit into warm bedding production...are perfect for grower choice premium containers...and excel in landscapes, thanks to their high durability.

Plug crop time: 5 to 6 weeks

Transplant to finish: 8 to 9 weeks

- Serenita has all the good looks, durability and easy production of Serena – with a few additional benefits.
- Excellent solution where shorter and more manageable material is needed.
- Peak performer in very hot/humid night temps like Florida, southeast Asia and similar southern climates.
- Great for high-density production.
- Grow Serenita with less to no PGRs for cost savings.

General Information

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

Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days to Germinate | Initial Media pH/EC (1:2) | Cover Seed |
|-----------|-----------------------|------------|-----------------|-------------------|-----------------------------|------------|
| PEL | 288 128 | 1 1 | 5-6 6-7 | 4-5 | 5.5-6.0 pH 0.75 mmhos/cm | No |

Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|--------------------|----------------------|---|--|--|
| Moisture | Level 4 | Level 3 | Level 2-4 | Level 2-4 |
| Temperature | 71-76°F (22-24°C) | 68-73°F (20-23°C) | 68-73°F (20-23°C) | 65-67°F (18-19°C) |
| Light | Light | 8 mol·m ⁻² ·d ⁻¹ 1,000-2,500 f.c. (10,800-26,900 Lux) | 8-12 mol·m ⁻² ·d ⁻¹ 1,000-2,500 f.c. (10,800-26,900 Lux) | 8-15 mol·m ⁻² ·d ⁻¹ 2,500-5,000 f.c. (26,900-53,800 Lux) |
| Fertilizer | | 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 | | | daminozide/2,500-5,000 ppm/Spray | daminozide/2,500-5,000 ppm/Spray |

Propagation Key Tips

Light is required for germination. Grow on the dry side, but do not allow plants to wilt.

Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertilizer | Daylength |
|--|--------------------------------|-------------------------------------|-------------|
| (day) 65-76°F (18-24°C) (night) 65-67°F (18-19°C) | 5.8-6.2 pH 1.5-2.0 mmhos/cm | 175 to 225 ppm N (1.2 to 1.5 EC) | Day Neutral |

Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|----------------|-----------|--------------|-------------|--|
| 306 Pack | 1 (ppp) | 8-9 (weeks) | Late Spring | daminozide/chlormequat chloride tank mix 2,500/500-2,500/750 ppm Spray |
| 4"/4.5"/Quart | 1 (ppp) | 9-10 (weeks) | Late Spring | daminozide/chlormequat chloride tank mix 2,500/500-2,500/750 ppm Spray |

Common Problems

No serious problems.

Finishing Key Tips

Angelonia grows slowly when the temperature is below 64°F (18°C). Recommended DLI range of 12 to 24 mol·m⁻²·d⁻¹. Serenita requires less PGRs than Serena, as it is more compact and naturally shorter. It may not need any PGRs, especially under cool conditions. If necessary, use a tank mix of B-Nine/Alar (daminozide) 2,500 ppm mixed with Cycocel (chlormequat) 500 to 750 ppm. If growing in warmer climates, a paclobutrazol drench of 3 to 5 ppm can be applied 2 weeks after transplant instead of the daminozide/chlormequate chloride tank mix. Do not pinch plants. Pinching will result in uneven plant habit and a delay of flowering.

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



Lavender



Pink



Purple



Raspberry



Rose



Sky Blue



White



Mixture

PanAmericanSeed™

PanAmerican Seed Co.
622 Town Road, West Chicago, Illinois, USA, 60185-2698
630 231-1400 Fax: 630 231-3609 PanAmSeed.com

™ denotes a trademark of and © denotes a registered trademark of Ball Horticultural Company in the US. It may also be registered in other countries.
©2021 Ball Horticultural Company