

Angelonia Serena® F₁ Series

(*Angelonia angustifolia*)

Annuals Culture (revised 11/08/23)

Your no-pinch, low-hassle angelonia

Serena and companion Serenita are the only seed angelonias on the market, giving you the premium results you expect from vegetative varieties, with less labour 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

- Serena fills gardens, landscapes and mixed containers with unique dimensional colour.
- Care-free, continuous bloomer performs well under a wide range of conditions.
- Durable series is a perfect choice for consumers looking for water-wise, heat-loving plants.
- Plants grow up to 50% larger in Florida, southeast Asia and similar southern climates.

Mississippi Medallion Award, Dallas Arboretum FlameProof Award, Louisiana Super Plants Award

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|----------------------------------|-------------------------|-------------------------|------------------------|
| Sun | Late Spring, Summer, Late Summer | 16-20 in. (41-51 cm) | 12-14 in. (30-36 cm) | 8-10 in. (20-25 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 |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|------------|
| 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) |
| 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 | | | 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) | Fertiliser | 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/1801 | 1 (ppp) | 8-9 (weeks) | Late Spring | daminozide/chlormequat chloride tank mix 2,500/750-2,500/1,000 ppm Spray |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 9-10 (weeks) | Late Spring | daminozide/chlormequat chloride tank mix 2,500/750-2,500/1,000 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. If growing in warmer climates, a paclobutrazol drench of 5-10 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



Blue



Purple



Rose



White



Mixture



Waterfall
Mixture



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