

Petunia Pretty Flora™ F₁ Series

(*Petunia x hybrida*)

Annuals Culture (revised 01/14/21)

The Pretty collection needs fewer to no PGRs and is suitable for cold growing. Naturally better branching with shorter internodes keeps plants manageable longer. The controlled habit assures tidier baskets than traditional petunias – plants hold together and don't lodge later in the season like standard petunias can. Better branching and flowers above the foliage minimize *Botrytis* risk. Offers a tight bloom window and longer performance in beds and landscapes.

Plug crop time: 4 to 5 weeks

Transplant to finish: 5 to 7 weeks

Available in North America only.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|--|------------------------|------------------------|-----------------------|
| Sun | Early Spring, Spring, Late Spring, Summer, Late Summer | 7-10 in. (18-25 cm) | 8-12 in. (20-30 cm) | 6-8 in. (15-20 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, RAW | 288 | 1 | 4-5 | 3-5 | 5.5-5.8 pH 0.75-1.0 mmhos/cm | No |

Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|--------------------|----------------------|---|---|---|
| Moisture | Level 4-5 | Level 3-4 | Level 2-4 | Level 2-4 |
| Temperature | 72-76°F (22-24°C) | 68-75°F (20-24°C) | 65-70°F (18-21°C) | 60-65°F (16-18°C) |
| Light | Light | 1,000-2,500 f.c. (10,800-26,900 Lux) | 2,500-4,000 f.c. (26,900-43,100 Lux) | 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

Genetically compact petunia needs less to no PGR after transplant.

Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertilizer | Daylength |
|--|--------------------------------|-------------------------------------|----------------------|
| (day) 62-70°F (17-21°C) (night) 55-65°F (13-18°C) | 5.5-6.2 pH 1.2-1.5 mmhos/cm | 100 to 175 ppm N (0.7 to 1.2 EC) | Facultative Long Day |

Daylength Notation

All varieties can flower successfully at 10-hour daylengths.

Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|------------------------------|-----------|-------------|--------|----------------------------------|
| Cell Pack | 1 (ppp) | 5-6 (weeks) | Spring | daminozide 2,500-3,500 ppm Spray |
| 10" Pot or HB/3 Gallon/25 cm | 3 (ppp) | 6-7 (weeks) | Spring | daminozide 2,500-3,500 ppm Spray |

Common Problems

Insects: Thrips, Aphids, Fungus Gnats, Shore Flies Diseases: Botrytis, Rhizoctonia, Pythium

Finishing Key Tips

Genetically compact and needs less to no PGRs after transplant.

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



Coral



Midnight



Pink



Pink Pearl



Purple



Red



Rose



White



Flag Mixture



Formula Mixture

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