

Ideal Select Series & Floral Lace Series Dianthus

From Superior Uniformity to Large Flower Size, This Dianthus Duo Gives You Solutions!

Build your Autumn profits with these Pansy Pals™! Bring in these high-performance dianthus to grow alongside your pansies under the same temperature conditions and crop time to fill your benches with shopper-stopping color.

Ideal Select Series

Uniformity & Award-Winning Landscape Performance

- Ideal Select dianthus – containing all key colors on the market – is the most uniform series available for habit and tight flowering window.
- Extreme uniformity leads to easy production scheduling. You can ship all colors in the series at the same time from the same transplant, and have the colors your customers want when they need them.
- Proven landscape performance means your landscape clients and consumers are guaranteed longevity and satisfaction.
- Ideal Select Violet is an *All-America Selections Classic Award Winner* and Ideal Select Rose is a *Fleuroselect Quality Mark Winner*.
- Available in Red, White, Violet, Salmon, Rose, Raspberry and striking bicolor WhiteFire, plus a Mix.

Floral Lace Series

Large Blooms in a Big Color Palette!

- Floral Lace produces the largest flowers in the interspecific dianthus market plus the widest color range available.
- Bright, beautiful colors and interesting bicolor patterns let you provide your clientele with exactly the colors they are looking for to decorate their landscape.
- Floral Lace stands up to PGRs and the stress of Autumn production, maintaining an acceptable flower size for sales.

Ideal Select and **Floral Lace** dianthus are available as pelleted seed, standard seed and plugs. Call your local distributor or PanAmerican Seed at 800 231-4868 today.

D. barbatus interspecific

Approximate seed count: 34,000 to 71,000 S./oz. (1,200 to 2,500 S./g)

Plug Production

Plug Tray Size

Best produced in 406-cell size plug trays.

Sowing

Use a well-drained, disease-free medium with a pH of 5.8 to 6.2, and EC about 0.75 mmhos/cm. Cover the seed with a medium layer of coarse grade vermiculite at sowing. It takes about 3 to 4 days to germinate.

Temperature

Germination: 64 to 68°F (18 to 20°C)

Cotyledon emergence: 65 to 70°F (18 to 21°C) days, 60°F (15°C) nights

True leaf expansion: 60°F (15°C) days, 55°F (13°C) nights

Light

Light is required for germination.

Humidity

Maintain 95 to 97% relative humidity during germination until the cotyledons emerge.

Fertilization

Beginning at Stage 3, fertilize 2 times per week with 50 ppm N. Increase the nitrogen concentration to 100 ppm after 1 week, and continue this program until the plugs are finished. Maintain the EC at 0.5 to 0.75 mmhos/cm and increase to 1.0 mmhos/cm at Stages 3 and 4. Maintain pH at 5.8 to 6.2 throughout.

Growth Regulators

Treat 3 week-old plugs with a foliar spray of Bonzi at 6 ppm for toning. One application in the plug stage is sufficient.

Plug Production Time

Allow 4 to 5 weeks in 406-cell plug trays.

Growing On to Finish

Container Size

Best grown in packs and 6-in. (15-cm) pots or gallons with 3 plants per pot.

Media

Use a well-drained, disease-free soilless medium with a medium initial nutrient charge and a pH of 5.8 to 6.5.

Temperature

Provide 60 to 75°F (15 to 24°C) days and 50 to 60°F (11 to 15°C) nights.

Fertilization

After plants are established, apply a calcium-based fertilizer or 15-5-15 at 150 ppm, 1 to 2 times per week. Dianthus require adequate calcium in their fertilization program.

Growth Regulators

Foliar sprays of 20 ppm Bonzi can be applied 2 to 3 times to control height. The frequency of application is determined by the rate of plant growth, time of the year and location. First application can be done 2 weeks after transplant, followed by subsequent applications at weekly interval.

Crop Scheduling (from sow to flower)

Late Spring/Early Summer: 9 to 10 weeks

Late Summer/Winter: 12 to 13 weeks

PanAmerican Seed[™]

PanAmSeed.com

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

PanAmerican Seed Europe BV
Lavendelweg 10
NL-1435 EW Rijsenhout, Holland
+31 (0)297-383038
Fax: +31 (0)297-383036

™ denotes a trademark of and ® denotes a registered trademark of Ball Horticultural Company in the U.S. It may also be registered in other countries.

©2006 Ball Horticultural Company Printed in USA PAS06150