GrowerFacts

PanAmerican Seed®

Delphinium Dasante Blue F_1

(Delphinium elatum)

Perennials Culture (revised 10/14/25)

Plug crop time: 6 to 7 weeks
Transplant to finish: 11 to 13 weeks

- Dasante Blue shows off vibrant true blue flowers with light purple accents and white bees.
- The grower-friendly, uniform plants are more compact, more responsive to PGRs and naturally earlier than other *D. elatum* types.
- Easy-care, cool-season crop can be grown with little or no heat for energy savings.
- Plants ship well, with more plants per rack in flower than any other delphinium for tremendous retail impact.
- Best for gallons with 3 plants per pot.
- Suitable for greenhouse, field or garden cut flower production.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring	28-34 in. (71-86 cm)	10-12 in. (25-30 cm)	10-14 in. (25-36 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
RAW	288	1	6-7	7-8	5.8-6.2 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-3	Level 2
Temperature	65-70°F (18-21°C)	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)
Light	Optional	2,500 f.c. (26,900 Lux)	2,500 f.c. (26,900 Lux)	5,000 f.c. (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)

Vernalisation

No

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-70°F (18-21°C) **(night)** 55-63°F (13-17°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

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Overwinter	5"/6"/1 Gallon/15 cm	1-2 (ppp)	20-24 (weeks)	Early Spring, ADT 55°F (13°C)	paclobutrazol 20 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-16 (weeks)	Spring, ADT 60°F (16°C)	paclobutrazol 20 ppm Spray
Overwinter	8"/2 Gallon/20 cm	3 (ppp)	20-24 (weeks)	Early Spring, ADT 55°F (13°C)	paclobutrazol 20 ppm Spray
Annual	8"/2 Gallon/20 cm	3 (ppp)	12-16 (weeks)	Spring, ADT 60°F (16°C)	paclobutrazol 20 ppm Spray

Fertiliser Notation

Starting 1 week after transplant, apply fertiliser at rate 4 (225 to 300 ppm N/1.5 to 2.0 mS/cm) once a week, using predominantly a nitrate form fertiliser, with low phosphorus and high potassium. Maintain media EC at 1.5 to 2.0 mS/cm and pH at 5.8 to 6.2. For constant fertiliser program, fertiliser at rate 3 (175 to 225 ppm N/1.2 to 1.5 mS/cm) can be applied while maintaining the noted EC and pH ranges.

Common Problems

Aphids, Whiteflies, Pythium, Fungal leaf spot

Finishing Key Tips

Keep light levels as high as possible. No pinching needed. Do not allow plants to wilt. Ship this crop when one-third of the florets are open to reduce the risk of flower shattering during shipping.

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

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