GrowerFacts

PanAmerican Seed®

Digitalis Dalmatian F_1 Series

(Digitalis purpurea)

Perennials Culture (revised 10/14/25)

Bright display drives early sales

Be fast to market with this attractive Digitalis in an exciting array of colours customers will love! Dalmatian offers uniformity, a full habit and early flowering, making it an ideal premium end cap product in larger containers. Get the series that's easier for shoppers to spot!

Plug crop time: 5 to 6 weeks
Transplant to finish: 10 to 14 weeks

- Uniform in height and early flowering.
- Well-branched with excellent habit and compact foliage.
- Striking colours on good-quality spikes.
- Suitable for 1 and 2 gallons and up.
- Premium end cap product.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer	16-20 in. (41-51 cm)	12-14 in. (30-36 cm)	12 in. (30 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 3	5-6 6-7	5-6	5.8-6.2 pH 0.7-1.0 mmhos/cm	No

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 3	Level 2
Temperature	65-68°F (18-20°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Light	2,000-2,500 f.c. (21,500-26,900 Lux)	2,000-2,500 f.c. (21,500-26,900 Lux)	4,000-5,000 f.c. (43,100-53,800 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/2,000 ppm/Spray paclobutrazol/5 ppm/Spray uniconazole/3 ppm/Spray	daminozide/2,000 ppm/Spray paclobutrazol/5 ppm/Spray uniconazole/3 ppm/Spray	daminozide/2,000 ppm/Spray paclobutrazol/5 ppm/Spray uniconazole/3 ppm/Spray

Vernalisation

No

Propagation Key Tips

Critical Daylength: 14 hours.
Short day (10 hours) bulk needed for forcing.
For forcing info: See Perennials Forcing Guide.
Spray damp-off fungicide.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 60-68°F (16-20°C) **(night)** 50-65°F (10-18°C)	5.8-6.2 pH 1.0-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Facultative Long Day

Daylength Notation

Daylength: 14 hours.

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Forcing	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	paclobutrazol 2-3 ppm Drench
Annual	5"/6"/1 Gallon/15 cm	1-2 (ppp)	10-12 (weeks)	Summer, ADT 68°F (20°C)	uniconazole 5 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-2 (ppp)	10-12 (weeks)	Summer, ADT 68°F (20°C)	daminozide 2,500-3,500 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-3,500 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	paclobutrazol 5-10 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	uniconazole 1 ppm Drench
Annual	5"/6"/1 Gallon/15 cm	1-2 (ppp)	10-12 (weeks)	Summer, ADT 68°F (20°C)	paclobutrazol 5-10 ppm Spray
Forcing	5"/6"/1 Gallon/15 cm	1-2 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-3,500 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1-2 (ppp)	10-12 (weeks)	Summer, ADT 68°F (20°C)	paclobutrazol 2-3 ppm Drench
Annual	8"/2 Gallon/20 cm	3-4 (ppp)	10-12 (weeks)	Summer	paclobutrazol 5-10 ppm Spray
Annual	8"/2 Gallon/20 cm	3-4 (ppp)	10-12 (weeks)	Summer	uniconazole 5 ppm Spray
Annual	8"/2 Gallon/20 cm	3-4 (ppp)	10-12 (weeks)	Summer	daminozide 2,500-3,000 ppm Spray
Forcing	8"/2 Gallon/20 cm	3-4 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	paclobutrazol 5-10 ppm Spray
Forcing	8"/2 Gallon/20 cm	3-4 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	uniconazole 5 ppm Spray
Forcing	8"/2 Gallon/20 cm	3-4 (ppp)	12-13 (weeks)	Late Spring, ADT 68°F (20°C)	daminozide 2,500-3,500 ppm Spray

Fertiliser Notation

Apply constant fertiliser at rate 1 to 2 (75 to 100 ppm N/0.5 to 0.7 mmhos/cm EC). Maintain the pH at 5.8 to 6.2. A pH of 7 or higher may cause younger leaf yellowing, short plants and stress flowering.

Common Problems

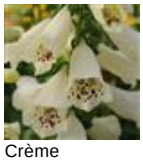
Insects: Aphids, Thrips, Whiteflies Disease: Botrytis, Downy Mildew, Leafspot

Finishing Key Tips

Digitalis can be grown under high light, provided there is enough moisture. Monitor media EC when generative and maintain levels. Avoid drying out, as this could cause flower abortion.

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


Crème

Peach

Purple

Rose

White

Mixture

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