GrowerFacts

PanAmerican Seed®

Dianthus Floral Lace™ F_1 Series

(Dianthus chinensis x barbatus)

Annuals Culture (revised 01/17/22)

Plug crop time: 4 to 5 weeks
Transplant to finish: 4 to 5 weeks

- Early flowering with the largest blooms of any *D. chinensis x barbatus* – up to 1.5 in./4 cm across.
- Performs well in gardens under tough conditions as an annual or biennial.
- Good for high-density Spring and Autumn pack or small pot programs.
- Bright green leaves.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring, Autumn	8-10 in. (20-25 cm)	8 in. (20 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, RAW	288	1	4-6	3-5	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 2-3
Temperature	64-68°F (18-20°C)	65-70°F (18-21°C)	60-65°F (16-18°C)	55-60°F (13-16°C)
Light	Optional	5-8 $mol \cdot m^{-2} \cdot d^{-1}$	8-10 $mol \cdot m^{-2} \cdot d^{-1}$	10 $mol \cdot m^{-2} \cdot d^{-1}$
Fertiliser		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	175 to 225 ppm N (1.2 to 1.5 EC)
PGR		paclobutrazol/5 ppm/Spray	paclobutrazol/5 ppm/Spray	

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 60-72°F (16-22°C) **(night)** 50-60°F (10-16°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Facultative Long Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
Cell Pack	1 (ppp)	8-10 (weeks)	Late Spring	paclobutrazol 15-20 ppm Spray
4"/4.5"/Quart/10 cm	1 (ppp)	8-10 (weeks)	Late Spring	paclobutrazol 15-20 ppm Spray

Fertiliser Notation

Fertilize every other irrigation with 15-0-15 at 150 to 200 ppm nitrogen.

Common Problems

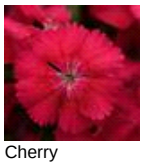
Insects: Aphids, Thrips Diseases: Alternaria, Rust

Finishing Key Tips

Height can be controlled by withholding fertilizer, especially phosphorus and ammonium-form nitrogen. Dianthus are responsive to day/night temperature differential (DIF), and are shorter with a negative DIF.

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

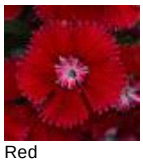

Cherry

Crimson

Lilac

Picotee

Purple


Red

True Rose

Violet Picotee

White

Mixture

PanAmerican Seed Co.
622 Town Road,West Chicago, Illinois, USA, 60185
+1 800-231-7065 PanAmSeed.com

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