

Dianthus Bouquet™ F₁ Series

(*Dianthus barbatus interspecific*)

Cut Flowers Culture (revised 01/10/18)

Planting density: 3 to 4 plants/ft.² (30 to 40 plants/m²)

Best for: Greenhouse, high tunnel; also suitable for field

Plug crop time: 4 to 5 weeks

Transplant to finish: Late Spring/Summer greenhouse/field, 11 to 14 weeks; Late Summer/Winter greenhouse, 12 to 18 weeks; Field, 18 to 23 weeks

- Lacy, slightly scented flowers top strong, well-branched stems.
- Excellent bouquet filler with high yields of saleable stems.
- Greenhouse-grown plants produce longer stems, with finished heights up to 36 in./91 cm.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring, Late Spring, Summer, Late Summer, Autumn	18-24 in. (46-61 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 to Germinate	Initial Media pH/EC	Cover Seed
PEL	288	1	5-6	3-4	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 3-4	Level 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·m ⁻² ·d ⁻¹	8-10 mol·m ⁻² ·d ⁻¹	10 mol·m ⁻² ·d ⁻¹
Fertilizer	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/4-6 ppm/Spray			

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
Before flower development: (day) 60-72°F (16-22°C) (night) 50-60°F (10-16°C)	5.8-6.5 pH 1.5-2.0 mmhos/cm	100 to 175 ppm N - 0.7 to 1.2 EC	Facultative Long Day

Crop Scheduling

Crop Type	Season	Density	Crop Time
-	Spring	3-4 plants/ft ² (32-43 plants/m ²)	8-9 weeks

Finishing Key Tips

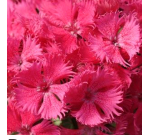
Can be transplanted year-round in coastal California or similar climates, where from mid-August to February, transplants will develop the best stem length. Greenhouse-grown plants generally produce taller stems than field-grown plants. Harvest stems with at least 3 open flowers.

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 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.

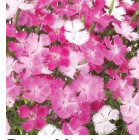
Variety Pictures



Purple



Rose



Rose Magic

PanAmericanSeed™

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