GrowerFacts

PanAmericanSeed®

Bellis Bellissima™ Series

(Bellis perennis)

Perennials Culture (revised 01/20/21)

Plug crop time: 5 weeks
Transplant to finish: 8 to 14 weeks

- Robust, early-blooming plants are strong landscape performers in cool climates.
- Needs no vernalisation to flower.
- Displays an abundance of large, fully double flowers.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun	Early Spring, Spring, Late Spring	6-10 in. (15-25 cm)	5-8 in. (13-20 cm)	5-10 in. (13-25 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	512	1-2	5-6	3-5	5.5-6.2 pH 0.5-0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3	Level 2-3	Level 2
Temperature	65-72°F (18-22°C)	65-68°F (18-20°C)	60-65°F (16-18°C)	60-65°F (16-18°C)
Light	Optional	6-8 $mol \cdot m^{-2} \cdot d^{-1}$	6-8 $mol \cdot m^{-2} \cdot d^{-1}$	6-8 $mol \cdot m^{-2} \cdot d^{-1}$
Fertiliser		Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	100 to 175 ppm N (0.7 to 1.2 EC)

Vernalisation

No

Propagation Key Tips

Use a medium covering of coarse-grade vermiculite to improve seedling uniformity.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 60-65°F (16-18°C) **(night)** 40-45°F (4-7°C)	5.5-6.4 pH 1.1-1.3 mmhos/cm	100 to 175 ppm N (0.7 to 1.2 EC)	Day Neutral

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	306 Pack/1801	1 (ppp)	6-8 (weeks)	Autumn	daminozide 1,000-2,000 ppm Spray
Annual	306 Pack/1801	1 (ppp)	6-8 (weeks)	Winter	daminozide 1,000-2,000 ppm Spray
Overwinter	5"/6"/1 Gallon/15 cm	1 (ppp)	16-24 (weeks)	Early Spring	daminozide 1,000-2,000 ppm Spray

Fertiliser Notation

Fertilize moderately every 2 weeks or as needed with 100 to150 ppm N with a complete balanced fertilizer. Maintain media EC at 1.1 to 1.3 EC and pH at 5.5 to 6.4.

Chemical Sensitivity

Leaf damage due to high concentration of Tilt (propiconazole); maintain standard concentration and spray more frequently if needed.

Common Problems

Plugs planted too deep can produce Crown Rot and fungal issues. Avoid growing wet. Monitor for Rust, Phoma and Aphids.

Finishing Key Tips

Grow as cool as possible but avoid freezing temperatures. For forcing the crop when grown at these temperatures, grow at 55 to 58°F (10 to 12°C) for 4 weeks before sale. PGR for EU is Tilt (propiconazole) at 200 to 300 ppm.

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

Red

Rose

White

Mixture

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