

Isotoma Gemini F₁ Series

(*Isotoma hybrida*)

Annuals Culture (revised 02/24/20)

Plug crop time: 4 to 5 weeks

Transplant to finish: 9 to 10 weeks

- Vigorous, free-flowering series delivers excellent garden performance, yet keeps a controlled, mounded habit in containers.
- Easy to grow – well-matched for earliness and uniformity.
- Works well in premium pack and 3.5 to 4-in./9 to 10-cm programs.
- Single, star-shaped blooms over finely cut foliage.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Spring, Summer, Autumn	8 in. (20 cm)	10-14 in. (25-36 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 (1:2)	Cover Seed
PEL	288	2-4	4-5	5-8	5.8-6.2 pH 0.75 mmhos/cm	No

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 4	Level 3-4	Level 3
Temperature	68-72°F (20-22°C)	68-72°F (20-22°C)	65-68°F (18-20°C)	65-68°F (18-20°C)
Light	Optional	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 Lux)
Fertilizer		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/1,000-1,500 ppm/Spray	

Propagation Key Tips

Incorporate a preventative fungicide program to avoid damping-off.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 60-66°F (16-19°C) (night) 54-57°F (12-14°C)	5.8-6.2 pH 1.5-2.0 mmhos/cm	225 to 300 ppm N (1.5 to 2.0 EC)	Facultative Long Day

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
306 Pack	1 (ppp)	9-10 (weeks)	Spring	daminozide 2,500-3,500 ppm Spray
4"/4.5"/Quart	1 (ppp)	9-12 (weeks)	Spring	daminozide 2,500-3,500 ppm Spray
5"/6"/1 Gallon	1-3 (ppp)	12-14 (weeks)	Spring	daminozide 2,500-3,500 ppm Spray

Finishing Key Tips

Prefers to grow in cooler conditions. Warmer temperatures above 70°F (21°C) could delay or inhibit flowering.

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



Blue

PanAmericanSeed™

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