

## Isotoma Gemini F<sub>1</sub> Series

(*Isotoma hybrida*)

Annuals Culture (revised 02/11/17)

**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	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
<b>Moisture</b>	Level 4	Level 4	Level 3-4	Level 3
<b>Temperature</b>	68-72°F (20-22°C)	68-72°F (20-22°C)	65-68°F (18-20°C)	65-68°F (18-20°C)
<b>Light</b>	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)
<b>Fertilizer</b>	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
<b>PGR</b>	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	Fertilizer	Daylength
<b>(day)</b> 60-66°F (16-19°C) <b>(night)</b> 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 a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

## Variety Pictures

---



Blue



Pink

PanAmericanSeed™

PanAmerican Seed Co.  
622 Town Road, West Chicago, Illinois, USA, 60185-2698  
630 231-1400 Fax: 630 231-3609 PanAmSeed.com

™ denotes a trademark of and ® denotes a registered trademark of Ball Horticultural Company in the US. It may also be registered in other countries.  
©2017 Ball Horticultural Company