

## Isotoma Tristar Series

(*Isotoma axillaris*)

Annuals Culture (revised 01/10/18)

**Plug crop time:** 4 to 5 weeks

**Transplant to finish:** 9 to 10 weeks

- Well-matched for earliness and uniformity, easy-to-grow Tristar works well in containers and gardens.
- Floriferous plants produce single blooms over finely cut foliage.

### General Information

| Exposure | Bloom Season           | Height           | Spread                  | Spacing                 |
|----------|------------------------|------------------|-------------------------|-------------------------|
| Sun      | Spring, Summer, Autumn | 8 in.<br>(20 cm) | 10-12 in.<br>(25-30 cm) | 10-14 in.<br>(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<br>0.75 mmhos/cm | No         |

### Plug Production

|                    | Stage 1                                | Stage 2                                 | Stage 3                                 | Stage 4                                 |
|--------------------|--|---|---|---|
| <b>Moisture</b>    | Level 4                                | Level 3-4                               | Level 3-4                               | Level 3                                 |
| <b>Temperature</b> | 68-72°F<br>(20-22°C)                   | 68-72°F<br>(20-22°C)                    | 65-68°F<br>(18-20°C)                    | 65-68°F<br>(18-20°C)                    |
| <b>Light</b>       | Optional                               | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 1,000-2,500 f.c.<br>(10,800-26,900 Lux) | 2,500-5,000 f.c.<br>(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            |
|--|--------------------------------|----------------------------------|----------------------|
| (day) 61-65°F (16-18°C)<br>(night) 57-61°F (14-16°C) | 5.8-6.2 pH<br>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.

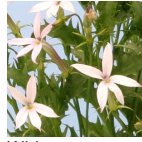
**NOTE:** Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to 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

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Sky Blue



White

PanAmericanSeed™

PanAmerican Seed Co.  
622 Town Road, West Chicago, Illinois, USA, 60185-2698  
630 231-1400 Fax: 630 231-3609 [PanAmSeed.com](http://PanAmSeed.com)

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