# GrowerFacts

PanAmerican Seed®

## Zinnia Star Series

*(Zinnia angustifolia)*

Annuals Culture (revised 01/23/21)

**Plug crop time:** 4 to 5 weeks
**Transplant to finish:** 5 to 6 weeks

- Single, star-shaped flowers up to 2 in./5 cm across on plants with a looser, more informal look.
- Tolerates heat, humidity and drought.
- Vigorous enough to fill a bed, basket or mixed container quickly.
- Resistant to *Alternaria* and powdery mildew.

## General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|---|---|---|---|---|
| Sun | Late Spring, Summer, Late Summer | 14 in.<br>(36 cm) | 8 in.<br>(20 cm) | 8-10 in.<br>(20-25 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 |
|---|---|---|---|---|---|---|
| RAW | 288 | 1 | 4-5 | 2-5 | 5.8-6.2 pH<br>0.75 mmhos/cm | Yes |

## Plug Production

| | Stage 1 | Stage 2 | Stage 3 | Stage 4 |
|---|---|---|---|---|
| **Moisture** | | | | |
| **Temperature** | 70-73°F<br>(21-23°C) | | | |
| **Light** | | | | |
| **Fertiliser** | | | | |

## Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | Daylength |
|---|---|---|---|
| **(day)** 65-70°F (18-21°C)<br>**(night)** 65-70°F (18-21°C) | 5.5-6.0 pH<br>1.2-1.5 mmhos/cm | 175 to 225 ppm N<br>(1.2 to 1.5 EC) | Day Neutral |

## Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---|---|---|---|---|
| Cell Pack | 1 (ppp) | 5-6 (weeks) | Spring | - |
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 6-7 (weeks) | Spring | - |

### Finishing Key Tips

Avoid excessive moisture on plants and flowers. Monitor for Botrytis.

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


Orange


White


Starbright Mixture

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