

## Gazania Tetraploid Sunshine Series

(*Gazania rigens*)

Annuals Culture (revised 01/10/18)

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

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

- Long-blooming mix includes cream, yellow, orange, pink and red shades, with some striped flowers.
- Upright plants are excellent for the bedding market as a landscape-performing garden plant, with larger flowers and robust growth.

### General Information

| Exposure | Bloom Season                     | Height            | Spread                | Spacing                |
|----------|----------------------------------|-------------------|-----------------------|------------------------|
| Sun      | Late Spring, Summer, Late Summer | 12 in.<br>(30 cm) | 6-8 in.<br>(15-20 cm) | 6-10 in.<br>(15-25 cm) |

### Germination

| Seed Form | Recommended Plug Size | Seeds/Cell | Plug Crop Weeks | Days to Germinate | Initial Media pH/EC         | Cover Seed |
|-----------|-----------------------|------------|-----------------|-------------------|-----------------------------|------------|
| RAW       | 406                   | 1          | 4-5             | 3-4               | 5.8-6.2 pH<br>0.75 mmhos/cm | Yes        |

### Plug Production

|                    | Stage 1                                | Stage 2                                 | Stage 3                                 | Stage 4                                 |
|--------------------|--|---|---|---|
| <b>Moisture</b>    | Level 4                                | Level 3-4                               | Level 2-3                               | Level 2-3                               |
| <b>Temperature</b> | 70-72°F<br>(21-22°C)                   | 68-72°F<br>(20-22°C)                    | 68-70°F<br>(20-21°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        |

### Propagation Key Tips

PGRs are generally not required for plug production. Avoid excessive salt accumulation in the plug media during plug production, as this will cause leaf tip or margin burn.

### Growing on to Finish

| Growing on Temperature                               | Target Media pH/EC             | Fertilizer                       | Daylength            |
|--|--------------------------------|----------------------------------|----------------------|
| (day) 65-70°F (18-21°C)<br>(night) 55-60°F (13-16°C) | 5.8-6.2 pH<br>1.5-2.0 mmhos/cm | 175 to 225 ppm N - 1.2 to 1.5 EC | Facultative Long Day |

### Crop Scheduling

| Container Size | Plugs/Pot | Crop Time    | Season       | PGR                        |
|----------------|-----------|--------------|--------------|----------------------------|
| 5"/6"/1 Gallon | 3 (ppp)   | 9-10 (weeks) | Early Spring | daminozide 3,500 ppm Spray |
| 5"/6"/1 Gallon | 3 (ppp)   | 8-9 (weeks)  | Summer       | daminozide 3,500 ppm Spray |

### Common Problems

Insects: Aphids, Thrips, Mites, Whiteflies Diseases: Damping off during seedling production

## Finishing Key Tips

Crop time can be influenced by light levels; i.e., when grown in areas with low light levels or during period of low light intensity, crop time could be approx. 3 weeks longer. Plant Growth Regulators: If needed, use B-Nine/Alar (daminozide) at 3,500 ppm (4.2 g/l of 85% formulation or 5.6 g/l of 64% formulation) to tone the crop. One application at 2 to 3 weeks after transplant will be sufficient.

**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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Mixture

PanAmericanSeed™

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