

## Gazania New Day® F<sub>1</sub> Series

(*Gazania rigens*)

Annuals Culture (revised 02/24/20)

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

**Transplant to finish:** 8 to 9 weeks

- More uniform flowering than competing varieties, with larger flowers and better plant habits.
- Compact, sturdy, high-quality plants are easy to produce and super-holdable at retail.
- Bred to deliver shorter peduncles and beefier-looking plants.
- Well-suited to high-density pack and small container production.
- Drought-tolerant series performs beautifully in containers and baskets, and as a garden edging or groundcover.

### General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Spring, Summer	8-10 in. (20-25 cm)	6-8 in. (15-20 cm)	6-8 in. (15-20 cm)

### Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
COT	288	1	4-5	3-4	5.8-6.2 pH 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 (21-22°C)	68-72°F (20-22°C)	68-70°F (20-21°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

### Propagation Key Tips

PGRs are generally not required for producing gazania plugs. Avoid excessive salt accumulation/high EC 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
<b>(day)</b> 65-70°F (18-21°C) <b>(night)</b> 55-60°F (13-16°C)	5.8-6.2 pH 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
306 Pack	1 (ppp)	8-9 (weeks)	Late Spring	daminozide 3,000 ppm Spray
5'/6"/1 Gallon	3 (ppp)	8-9 (weeks)	Late Spring	daminozide 3,500 ppm Spray
306 Pack	1 (ppp)	7-8 (weeks)	Summer	daminozide 3,000 ppm Spray
5'/6"/1 Gallon	3 (ppp)	7-8 (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 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

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Bronze Shades



Clear Orange



Pink Shades



Red Shades



Red Stripe



Rose Stripe



White



Yellow



Bright Mixture



Mixture



Tiger Mixture

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