



*The Number One Choice for Vigorous Garden Performance!*

- Nine-color series leads the pack with exceptional germination uniformity and young plant performance, strong colors on large blooms, and excellent free-flowering, vigorous habit.
- A *Hot Summer Survivors* selection...great heat and drought tolerance.
- Durable, easy-to-grow plants reach 8 to 10 in. (20 to 25 cm) outdoors.
- Well-suited to high-density pack programs.
- Now supplied as Coated Seed with a 90% germination standard.
- Daybreak series gazanias are available as seed or plugs.

## Germination

Cover the seed with a medium layer of coarse-grade vermiculite. Allow 3 to 4 days for germination. Light is not required for germination.

## Plug Production

### Plug Tray Size

Daybreak gazania seedlings can be produced in plug tray sizes as small as 406-cell. Plug time in this cell size is approximately 4 weeks. If bigger cell size trays such as 200 or 288 are used, plants can take 4 to 5 weeks to finish.

### Media

Use a well-drained, disease-free, soilless medium with a pH of 5.8 to 6.2, and a medium initial nutrient charge (EC) of 0.75 mmhos/cm (1:2 extraction).

### Sowing

Cover the seed with a medium layer of coarse-grade vermiculite. Allow 3 to 4 days for germination.

### Temperature

Germination: 70 to 72°F (21 to 22°C)  
Cotyledon stage: 65 to 72°F (18 to 22°C)  
True leaves: 65 to 70°F (18 to 21°C)  
Hold plugs: 65 to 68°F (18 to 20°C)

### Light

Stage 1: Light is not required for germination.  
After germination: 1,000 to 2,500 f.c. (10,000 to 25,000 Lux).  
Seedling maturity: Up to 3,000 f.c. (30,000 Lux).

### Humidity

Maintain 95% relative humidity (RH) until cotyledons emerge during germination.

### Soil Moisture

Avoid excessive moisture to prevent any incidence of damping-off. Maintain a medium level of moisture. Do not allow seedlings to wilt.

## Fertilizer

Stage 2: Apply 50 to 75 ppm N, maintaining an EC of 1.0.

Late Stage 3 & 4: Apply 100 to 150 ppm N, maintaining an EC of 1.0 to 1.5.

## Growth Regulators

Not required.

# Growing On to Finish

## Container Size

Daybreak gazanias are well-suited to cell-packs and 6-in. (15-cm) pots with 3 plants per pot.

## Media

Use a well-drained, disease-free, soilless medium with a pH of 5.8 to 6.2, and a medium initial nutrient charge, maintaining an EC of 1.5 to 2.0 mmhos/cm.

## Temperature

Nights: 55 to 60°F (13 to 15°C).

Days: 65 to 68°F (18 to 20°C).

## Light

Keep light levels from moderate to high.

## Irrigation & Fertilizer

Maintain even moisture. Do not allow plants to wilt. Feed plants weekly with 150 to 200 ppm N with a complete fertilizer.

## Growth Regulators

If needed, use B-Nine at 3,500 ppm to tone the crop.

## Common Problems

Diseases: Damping-off during seedling production.

Insects: Check for aphids, mites, thrips, and whiteflies.



## Culture Information

Seed Count: 14500 /oz. 500 /g.	Sow to transplant 512 plug				
	STAGE 1	STAGE 2	STAGE 3	STAGE 4	Finishing
Crop Time	1-2 days	5-7 days	14-21 days	7 days	* see table below
Temp :					
Soil	68 - 70 ° F.	68 - 70 ° F.	65 - 70 ° F.	60 - 65 ° F.	
Night			60 - 65 ° F.	60 - 65 ° F.	60 - 62 ° F.
Day			70 - 75 ° F.	70 - 75 ° F.	65 - 75 ° F.
Moisture	Dry	Dry	Dry	Dry	Dry
Light (fc.)	100	1,000 - 2,500	1,000 - 2,500	1,000 - 2,500	4,000 - 5,000
Cover seed?	Yes				
Fertilizer :					
Rate (ppm.)		50 - 75	100 - 150	100 - 150	150 - 200
Form		14-0-14	20-10-20 14-0-14	14-0-14	15-0-15
Frequency		1X/week	1X/week alternate	1X/week	alternate every other irrigation
Soil PH	5.8 - 6.2	5.8 - 6.2	5.8 - 6.2	5.8 - 6.2	5.8 - 6.3
Soil EC (mmhos/cm)	< 0.75	< 0.75	< 1	< 0.75	< 1
Plant growth regulators					

Finishing Programs			
Container Size	Season	Plants/Container	Crop Time (weeks)
4" Pot	Spring	1	7