

## Gazania rigens Enorma

<b>Life cycle</b>	Tender perennial / annual
<b>Family / Origin</b>	Compositae / tropical Africa and South Africa
<b>Popular uses</b>	Excellent for landscape, outdoor containers, borders and mixed containers
<b>Mature plant height</b>	25-30 cm (10-12")
<b>Mature plant width</b>	30-35 cm (12-14")
<b>Pot size</b>	10-15 cm (4-6") gallon-containers and larger
<b>Plants per pot</b>	1 per 10-15 cm (4-6") 3 plants per larger pot
<b>Sun exposure</b>	Sun
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering season</b>	Entire growing season, Blooms all winter in areas with a warm climate
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5.5 – 6.2 EC 1.0-1.5 (150-225 ppm N)
<b>Growing temperature</b>	Temperature for active growth 10-16°C (50-61°F) at night Days up to 12-16°C (54-61°F) Higher average day temperature will speed up the process
<b>Light</b>	Increasing day length induces flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertilizer as needed recommended EC 1.4-2.5 (210-375 ppm N)
<b>Crop time</b>	12-15 weeks depending on season
<b>Hardiness zone</b>	Z 9-11



### Description

Extra-large flowers on short sturdy stems

### Growth regulators

Daminozide (Dazide/ B-Nine),  
Chlormequat (Cycocel) and Paclobutrazol (Bonzi)

### Common diseases

Botrytis, Rhizoctonia, Sclerotinia

### Common pests

Spider Mites, Aphids, Thrips and Leaf Miners

### Pinching

No need, although frequent cutting will enhance re-growth

## Plug Production

<b>Seed forms</b>	Rubbed and Coated
<b>Seed count</b>	400-450 seeds/gram (11.500-12.750 seeds/oz); varies by lot!
<b>Recommended plug size</b>	480-288-128
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	Average
<b>Stage 1 Germination</b>	7-10 days for germination Media pH 5.8 to 6.2 Moisture: keep medium saturated Growing medium temperature: 22-24°C (72-75°F) Fertilization: EC 0.5-1.0 (75-150 ppm N)
<b>Stage 2 Stem and cotyledon</b>	Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases Prevent wet foliage after nightfall Temperature: 20-22°C (68-72°F) Fertilization: EC 0.7-1.2 (105-180 ppm N) Lighting: 5.000-6.000 lux (465-557 fc)
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 18-20°C (64-68°F) Fertilization: EC 1.2-1.5 (180-225 ppm N) Lighting: 5.000-6.000 lux (465-557 fc)
<b>Stage 4 Ready for transplanting</b>	Moisture: reduce moisture levels and allow medium to dry between watering Do not allow plants to wilt Temperature: 15-18°C (59-64°F) Fertilization: see stage 3
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	7-9 weeks
<b>Special tips</b>	Water early in the day so the leaves can dry before nightfall Saturated media will cause stretching