

# Verbena rigida Dazzling night



<b>Life cycle</b>	Perennial/Annual
<b>Family/origin</b>	Verbenaceae/ Brazil and Argentina
<b>Popular uses</b>	First-year-flowering perennial, mixed containers, patios and garden beds, accent plant
<b>Mature plant height</b>	40-50 cm (16-20")
<b>Mature plant width</b>	60-70 cm (24-28")
<b>Pot size</b>	10-15 cm (4-6") gallon containers and larger
<b>Plants per pot</b>	1 per 10 cm (4") 3 per 15 cm (6") or larger pot
<b>Sun exposure</b>	Full sun
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering season</b>	Late spring, early summer
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.75-1.75 (100-150 ppm)
<b>Growing temperature</b>	Temperature for active growth 10-16°C (50-60°F) at night days up to 16°C (60°F) Higher average day temperature will speed up the process
<b>Light</b>	Increasing daylength induces flowering
<b>Fertilizer needs</b>	Well balanced calcium based fertilizer, avoid those based on ammonium nitrate as that will promote stretch EC 1.4-2.2 (100-200 ppm)
<b>Crop time</b>	15-20 weeks depending on season
<b>Hardiness zone</b>	Z 8-11



*Dazzling night*

### Growth regulators:

Daminozide (Dazide, B-Nine)  
Paclobutrazol (Bonzi)

### Common Diseases:

Wet foliage needs to be avoided to prevent Powdery mildew, Leafspots, Rust can also cause problems

### Common Pests:

Spider mites, Aphids, Whiteflies, Snails and Leaf miners

### Pinching

No need, although frequent cutting will enhance re-growth

### Crop type

First year flowering  
(no vernalisation needed)

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## Plug Production



<b>Seed forms</b>	Raw and pro-seed
<b>Seed count</b>	1200-1300 sds/gr (33,600-36,400 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	288-128
<b>Seeds cell</b>	4-5
<b>Vermiculite cover</b>	Normal
<b>Stage 1 Germination</b>	Media pH 5.5 to 6.3 EC 0.5-0.75 (75-100 ppm) Moisture keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature Fertilization: EC 0.5-1
<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 (100-175 ppm)
<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 (65-68°F) Fertilization: as stage 2 To prevent stretching alternate with potassium nitrate at EC 1.4-1.8 (100-150 ppm)
<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: 13-15°C (54-59°F) Fertilization: see stage 3
<b>Plug crop time</b>	5-6 weeks
<b>Approximate finish time</b>	10-15 weeks
<b>Special tips</b>	Tolerate heat and drought, watering evenly when necessary The crop needs to have good air circulation in well ventilated conditions