

Verbena rigida Dazzling Nights

Life cycle	Tender perennial / Annual
Family / Origin	Verbenaceae / Brazil and Argentina
Popular uses	Mixed containers, patios, garden beds, accent plant, first year flowering perennial
Mature plant height	40-50 cm (16-20")
Mature plant width	60-70 cm (24-28")
Pot size	10-15 cm (4-6") pots, gallon containers and larger
Plants per pot	1 per 10-15cm (4-6") pot 3 plants in larger pot
Sun exposure	Full Sun
Water requirements	Reduced, avoid wet conditions
Flowering season	Late spring, early summer
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.5-1.5 (75-225 ppm N)
Growing temperature	For active growth: 10-16°C (50-61°F) at night; up to 16°C (61°F) during day Higher average day temperature will speed up the process
Light	A longer day length induces flowering
Fertilizer needs	Well-balanced calcium- based fertilizer; avoid those based on ammonium nitrate, as they promote stretch/elongation EC 1.4-1.8 (210-270 ppm N)
Crop time	15-21 weeks (depending on season)
Hardiness zone	Z 8-11



Description

Medium-tall first year flowering perennial with round clusters of purple flowers

Growth regulators

Daminozide (Dazide / B-Nine) and
Paclobutrazol (Bonzi)

Common Diseases

Wet foliage needs to be avoided to prevent
Powdery Mildew, Leafspots and Rust

Common Pests

Spider Mites, Aphids, Whiteflies, Snails
and Leaf Miners

Pinching

No need, although frequent cutting will
enhance regrowth

Crop type

First year flowering perennial, (no
vernalization needed)

Plug Production

Seed forms	Profi-seed
Seed count	1.200-1.300 seeds/gram (34.000-37.000 seeds/oz); varies by lot!
Recommended plug size	288-128
Seeds cell	4-5
Vermiculite cover	Normal
Stage 1 Germination	10-12 days for germination Media pH: 5.5 to 6.3 Media EC: 0.5-1.0 (75-150 ppm N) Media moisture: keep medium saturated Growing medium temperature: 20-22°C (68-72°F)
Stage 2 Stem and cotyledon	Reduce moisture levels to achieve optimal root penetration and to prevent fungal diseases. Avoid wet foliage after nightfall Temperature: 20-22°C (68-72°F) Fertilization: EC 0.5-1.0 (75-150 ppm N)
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry between watering. Do not allow plants to wilt Temperature: 18-20°C (64-68°F) EC 1.4-1.8 (210-270 ppm N)
Stage 4 Ready for transplanting	Moisture: reduce moisture levels and allow medium to dry between watering. Do not allow plants to wilt Temperature: 13-15°C (55-59°F) Fertilization: see stage 3
Plug crop time	5-6 weeks
Approximate finish time	10-15 weeks
Special tips	Tolerates heat and drought. Water evenly when necessary The crop needs good air circulation in well-ventilated conditions