

Rhodochiton atrosanguineus Rhodos (Purple Bell vine)



Life cycle	Tender perennial
Family/origin	Scrophulariaceae Mediterranean
Popular uses	Outdoor containers, pot and pack, suitable for borders and beds
Mature plant height	300-400 cm (10-13 ft.)
Mature plant width	Width of support
Pot size	15-20 cm (6-8") pots and larger, support needed
Plants per pot	1 in 15 cm (6") 3 in gallon pots or larger
Sun exposure	Full sun
Water requirements	Normal, avoid wet conditions
Flowering time	Entire growing season-spring through light frosts, can be used as a winter annual in southern areas
Media	A well-drained, porous media is best to prevent over watering pH 5.5-5.8. EC 1.0-1.5 (150-225 ppm N)
Growing temperature	Temperature for active growth 15°C (58°F) at night 16-18°C (60-64°F) at day time
Light	Optimum light level is 18,000-22,000 lux (1.675-2.045 fc) Long days >14 hrs will promote early flowering
Fertilizer needs	Balanced N:P:K fertiliser as needed EC 1.8-2.2 (270-330 ppm N)
Crop time	20-22 weeks
Hardiness zone	Annual



Purple Bell Vine

Growth regulators

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

Common Diseases

Botrytis, Chalara elegans

Common Pests

Spider mites, Aphids and Whitefly

Pinching

No need, although frequent cutting will enhance re-growth

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Plug Production



Seed forms	Profi-seeds
Seed count	3,500 sds/gr (99,500 sds/oz) <i>Varies by lot!</i>
Recommended plug size	288-128
Seeds cell	1
Vermiculite cover	No
Stage 1 Germination	Germination time 3-6 days, Media pH 5.5 to 6.3; EC 0,5-1.0 (75-150 ppm N) Moisture: keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature Fertilization: EC 0,5-1.0 (75-150 ppm N)
Stage 2 Stem and cotyledon	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 0,5-1.0 (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 (65-68°F) Fertilization: EC 1.2-1.5 (180-225 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 (54-59°F) Fertilization: see stage 3
Plug crop time	6-7 weeks
Approximate finish time	12-14 weeks
Special tips	Support the plants with sticks or trellis. Avoid climbing of the plants on each other during the cultivation Pinching the top two weeks after transplanting increases the quantity of the flowers, because the more new shoots are developed the better is the flowering