

## Rhodochiton (Purple Bell vine) atrosanguineus Rhodos

<b>Life cycle</b>	Tender perennial
<b>Family / Origin</b>	Scrophulariaceae / Mediterranean
<b>Popular uses</b>	Outdoor containers, pot and pack, suitable for borders and beds
<b>Mature plant height</b>	300-400 cm (10-13 ft)
<b>Mature plant width</b>	Width of support
<b>Pot size</b>	15-20 cm (6-8") pots and larger, support needed
<b>Plants per pot</b>	1 in 15 cm (6") 3 plants in gallon pots or larger
<b>Sun exposure</b>	Full Sun
<b>Water requirements</b>	Normal, avoid wet conditions
<b>Flowering time</b>	Entire growing season, from Spring through light frosts Can be used as a winter annual in southern areas
<b>Media</b>	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)
<b>Growing temperature</b>	Temperature for active growth 15°C (59°F) at night 16-18°C (61-64°F) at day time
<b>Light</b>	Optimal light level is 18.000- 22.000 lux (1.670-2.040 fc) Long days (>14 hrs) promote early flowering.
<b>Fertilizer needs</b>	Balanced N:P:K fertilizer as needed EC1.8-2.2 (270-330 ppm N)
<b>Crop time</b>	18-21 weeks
<b>Hardiness zone</b>	Annual



### Description

A rapidly growing climber with attractive bell-shaped purplish-brown tubular flowers

### 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

## Plug Production

<b>Seed forms</b>	Profi-seed
<b>Seed count</b>	3.500 seeds/gram (99.500 seeds/oz); varies by lot!
<b>Recommended plug size</b>	288-128
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	No
<b>Stage 1 Germination</b>	Germination time 3-6 days Media: pH 5.5 to 6.3 Media: 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)
<b>Stage 2 Stem and cotyledon</b>	Reduce moisture levels to achieve optimal root penetration and 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)
<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)
<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 (55-59°F) Fertilization: see stage 3
<b>Plug crop time</b>	6-7 weeks
<b>Approximate finish time</b>	12-14 weeks
<b>Special tips</b>	Support the plants with stakes or trellis. Prevent the plants from climbing on each other during the cultivation. Pinching the top two weeks after transplanting increases the amount of flowers, because the more new shoots are developed, the better the flowering

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