

# Rhodochiton atrosanguineus Rhodos (Purple Bell vine)



<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 (118-158")
<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 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-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. never over 6.2 EC 0.5-1.4 (50-100 ppm)
<b>Growing temperature</b>	Temperature for active growth 15°C (58°F) at night 16-18°C (60-64°F) at day time
<b>Light</b>	Optimum light level is 18,000-22,000 lux (1,800-2,200 fc) Long days >14 hrs will promote early flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed EC 1.8-2.2 (50-200 ppm)
<b>Crop time</b>	20-22 weeks
<b>Hardiness zone</b>	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

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## Plug Production



<b>Seed forms</b>	Profi-seeds
<b>Seed count</b>	3,500 sds/gr (99,500 sds/oz) <i>Varies by lot!</i>
<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; EC 0.5 - 0.75 Moisture: keep medium saturated Temperature: 20-22°C (68-72°F) growing medium temperature Fertilization: EC 0.5-1 (100 ppm)
<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 1.2-1.5 (100-175 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>	7-8 weeks
<b>Approximate finish time</b>	12-14 weeks
<b>Special tips</b>	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