

Salvia splendens Red Alert



Life cycle	Annual
Family/origin	Lamiaceae /Brasil
Popular uses	Outdoor containers, pots and packs, suitable for landscape beds and garden, hanging baskets
Mature plant height	30-35 cm (12-14")
Mature plant width	30-35 cm (12-14")
Pot size	Packs, 10-15 cm (4-6") pots
Plants per pot	1 3 per 15 cm (6") and larger
Sun exposure	Sun partial shade
Water requirements	Reduced, avoid wet conditions
Flowering time	Entire growing season Frost tender
Media	A well-drained, porous media is best to prevent over watering pH 6.0-6.2 EC 0.7-1.5 (100-175 ppm)
Growing temperature	Start at 18-20°C (64-68°F) Lower the temperature after root at 15-18°C (59-64°F) Avoid wet conditions at night
Light	Salvia prefers high light conditions
Fertilizer needs	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (50-200 ppm)
Crop time	10-12 weeks
Hardiness zone	N/A



Red Alert

Growth regulators

Salvia is responsive to Daminozide (B-Nine), A-rest, Paclobutrazol (Bonzi) and/or Sumagic treatments

Common Diseases

Alternaria Leaf Spot, Powdery mildew, Rust and Corynespora leaf spot.

Common Pests

Thrips, Aphids, Whitefly and Spider mites

Pinching

No need

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Plug Production



Seed forms	Raw
Seed count	250-300 sds/gr (7,000-8,500 sds/oz) <i>Varies by lot!</i>
Seeds cell	1
Vermiculite cover	Light
Stage 1 Germination	<p>Moisture: keep medium saturated</p> <p>Growing medium temperature: 22-24°C (70-75°F)</p> <p>Fertilizer level EC 0.5-1.0 (50-75 ppm)</p> <p>Light is necessary for the germination process, provide 100-1,000 lux (10-100 fc) in the chamber</p>
Stage 2 Stem and cotyledon	<p>Reduce moisture levels to obtain optimum root penetration and to prevent fungal diseases</p> <p>Prevent wet foliage after nightfall</p> <p>Temperature: 18-20°C (65-68°F)</p> <p>Fertilizer levels: EC 0.7-1.2 (100-175 ppm)</p>
Stage 3 Growth and development	<p>Moisture: reduce moisture levels and allow medium to dry between watering</p> <p>Do not allow plants to wilt</p> <p>Temperature: 18-20°C (65-68°F)</p> <p>Fertilization: as stage 2</p> <p>To prevent stretching alternate with potassium nitrate at EC 1.2-1.5 (100-175 ppm)</p>
Stage 4 Ready for transplanting	<p>Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt</p> <p>Temperature: 15-18°C (60-65°F)</p> <p>Fertilizers: see stage 3</p> <p>It is important not to stress plugs to prevent premature flower bud formation</p>
Plug crop time	4-5 weeks
Approximate finish time	5-7 weeks
Special tips	<p>Salvia prefers high light conditions. Low light levels can induce stretching</p> <p>Downward cupping and yellowing of leaves can indicate too cool a temperature or too high EC level in the compost</p> <p>Yellowing on mature leaves is often associated with a lack of magnesium</p>