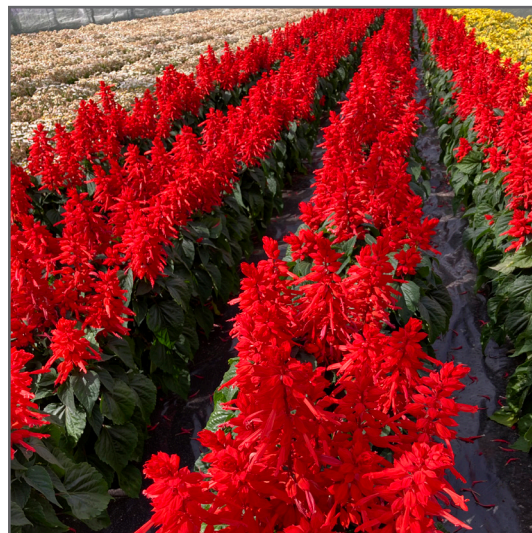


# Salvia splendens Red Hill exp.



<b>Life cycle</b>	Annual
<b>Family/origin</b>	Lamiaceae /Brasil
<b>Popular uses</b>	Outdoor containers, pots, suitable for landscape beds and garden
<b>Mature plant height</b>	55-60 cm (20-24")
<b>Mature plant width</b>	35-40 cm (14-16")
<b>Pot size</b>	12-15 cm (5-6") pots
<b>Plants per pot</b>	1 in an 12-15 cm (4-6")
<b>Sun exposure</b>	Sun partial shade
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering time</b>	Entire growing season Frost tender
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 6.0-6.2 EC 0.7-1.5 (100-225 ppm N)
<b>Growing temperature</b>	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
<b>Light</b>	Salvia prefers high light conditions
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed recommended, use calcium based fertilizers EC 1.8-2.2 (270-330 ppm N)
<b>Crop time</b>	10-12 weeks
<b>Hardiness zone</b>	N/A



Red Hill

## Growth regulators

Salvia is responsive to B-Nine, A-rest, 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, although frequent cutting will enhance re-growth

# Salvia splendens Red Hill exp.

## Plug Production



<b>Seed forms</b>	Raw
<b>Seed count</b>	250-300 sds/gr (7,000-8,500 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	480-264
<b>Seeds cell</b>	1
<b>Vermiculite cover</b>	Light cover
<b>Stage 1 Germination</b>	Moisture: keep medium saturated Growing medium temperature: 22-24°C (70-75°F) Fertilizer level EC 0.5-1.0 (75-150 ppm N) Light is necessary for the germination process, provide 100-1,000 lux (10-100 fc) in the chamber
<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: 18-20°C (65-68°F) Fertilizer levels: 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 but do not allow plants to wilt Temperature: 18-20°C (65-68°F) Fertilization: : EC 1.5-1.8 (225-270 ppm N)
<b>Stage 4 Ready for transplanting</b>	Moisture: reduce moisture levels and allow medium to dry slightly between watering but do not allow plants to wilt Temperature: 15-18°C (60-65°F) Fertilizers: see stage 3 . It is important not to stress plugs to prevent premature flower bud formation
<b>Plug crop time</b>	4-5 weeks
<b>Approximate finish time</b>	5-7 weeks
<b>Special tips</b>	Salvia prefers high light conditions. Low light levels can induce stretching Downward cupping and yellowing of leaves can indicate too cool a temperature or too high EC level in the compost Yellowing on mature leaves is often associated with a lack of magnesium