

# Lavandula angustifolia hidcote Promise



<b>Life cycle</b>	Perennial/herbs
<b>Family/origin</b>	Lamiaceae/Europe Mediterranean
<b>Popular uses</b>	Outdoor containers, pot and pack, suitable for borders and beds, fragrance, flavoring and decoration
<b>Mature plant height</b>	30-40 cm (12-18")
<b>Mature plant width</b>	30-40 cm (12-18")
<b>Pot size</b>	10-15 cm (4-6")
<b>Plants per pot</b>	1 3 per pot for 15 cm (6") and larger
<b>Sun exposure</b>	Full sun
<b>Water requirements</b>	Reduced, avoid wet conditions
<b>Flowering season</b>	Late spring, summer
<b>Media</b>	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.75-1.75 (100-150 ppm)
<b>Growing temperature</b>	Temperature for active growth 10-16°C (50-60°F) at night days up to 16°C (60°F) Higher average day temperature will speed up the process
<b>Light</b>	Increasing daylength induces flowering
<b>Fertilizer needs</b>	Balanced N:P:K fertiliser as needed recommended EC 1.4-1.8 (100-150 ppm)
<b>Crop time</b>	28-32 weeks
<b>Hardiness zone</b>	Z 5-8



Promise

## Growth regulators

Usually not necessary but responds to:  
Daminozide (Dazide, B-nine)

## Common Diseases

Wet foliage needs to be avoided at night to prevent Botrytis and Leafspots

## Common Pests

Spider Mites, Aphids and Thrips

## Pinching

No need although frequent cutting will enhance re-growth

## Crop type

Overwinter (vernalisation needed) not needed when sold as foliage plant

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## Plug Production



<b>Seed forms</b>	Raw and pro-seed
<b>Seed count</b>	1100 - 1250 sds/gr (30,800 - 35,000 sds/oz) <i>Varies by lot!</i>
<b>Recommended plug size</b>	264-128
<b>Seeds cell</b>	4-6
<b>Vermiculite cover</b>	Normal
<b>Stage 1 Germination</b>	10-12 days for germination Media pH 5.5 to 6.3 EC 0.5-1 (75-100 ppm) Moisture: keep medium saturated Temperature: 18-20°C (65-68°F) growing medium temperature
<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) EC 0.7-1.2 (100-175 ppm)
<b>Stage 3 Growth and development</b>	Moisture: reduce moisture levels and allow medium to dry slightly between watering. Do not allow plants to wilt Temperature: 16-18°C (60-64°F) Fertilizers: as stage 2 To prevent stretching alternate with potassium nitrate at EC 1.2-1.5 (175-225 ppm)
<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: 13-15°C (54-59°F) Fertilizers: see stage 3
<b>Plug crop time</b>	6-7 weeks
<b>Approximate finish time</b>	22-26 weeks
<b>Special tips</b>	As soon as the plants are rooted, the watering can be restricted The crop needs to have good air circulation in well ventilated conditions