

Lavandula angustifolia Lovely sky



Life cycle	Perennial/Herb
Family/origin	Lamiaceae/ Europe Mediterranean
Popular uses	First year flowering Perennial, Outdoor containers, pot and pack, suitable for borders and beds, fragrance, flavoring and decoration
Mature plant height	30-40 cm (12-16")
Mature plant width	30-40 cm (12-16")
Pot size	10-15 cm (4-6")
Plants per pot	1, 3 per pot for 15 cm (6") and larger
Sun exposure	Full sun
Water requirements	Reduced, avoid wet conditions
Flowering time	Late spring, summer
Media	Use a well-drained porous media, with 0-15 % clay pH 5.5-6.2 EC. 0.75-1.75 (100-150 ppm)
Growing 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
Light	Increasing day-length induces flowering
Fertilizer needs	Balanced N:P:K fertilizer as needed recommended EC 1.4-1.8 (100-150 ppm)
Crop time	16-20 weeks 28-32 weeks overwinter
Hardiness zone	Z 5-8



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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, Root rot and Leafspot

Common Pests

Spider mites, Aphids and Thrips

Pinching

No need, although frequent cutting will enhance re-growth

Crop type

First year flowering perennial, (no vernalisation needed), but can also be scheduled for traditional overwintering production

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Plug Production



Seed forms	Raw - pro-seed
Seed count	1,100-1.250 sds/gr (30,800-35,000 sds/oz) <i>Varies by lot!</i>
Recommended plug size	264-128
Seeds cell	4-6
Vermiculite cover	Normal
Stage 1 Germination	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
Stage 2 Stem and cotyledon	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)
Stage 3 Growth and development	Moisture: reduce moisture levels and allow medium to dry between watering. Do not allow plants to wilt. Temperature: 16-18°C (60-64°F) Fertilization: as stage 2. To prevent stretching alternate with potassium nitrate at EC. 1.2-1.5 (175-225 ppm)
Stage 4 Ready for transplanting	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
Plug crop time	6-7 weeks
Approximate finish time	10-14 weeks, 22-26 weeks overwinter
Special tips	As soon the plants are rooted, the watering can be restricted The crop needs to have good air circulation in well ventilated conditions. Lightning can also be scheduled for traditional overwintering production

Schedule 12cm (5") pot

	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43
		p	S				F	F											
Young plants			p	S				F	F										
6-7 weeks				p	S				F	F									
								F						P			S		
									F						P			S	
										F						P			S
Overwinter																			
First year																			
Young plants																			

P=Potting
S=Spacing
F=Flowering