

Lavandula angustifolia Promise

Life cycle	Perennial / Herbs
Family / Origin	Lamiaceae / Europe Mediterranean
Popular uses	Outdoor containers, pot and pack Suitable for borders and beds, fragrance, flavor and decoration purposes
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 plants per pot for 15cm (6") and larger
Sun exposure	Full Sun
Water requirements	Reduced, avoid wet conditions
Flowering season	Late Spring, Summer
Media	A well-drained, porous media is best to prevent over watering pH 5.5-6.2 EC 0.5-1.4 (75-210 ppm N)
Growing temperature	For active growth 10-16°C (50-61°F) at night Days up to 16°C (61°F) A 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 (210-270 ppm N)
Crop time	28-33 weeks
Hardiness zone	Z 5-8



Description

A winter-hardy true lavender with silvery grey, scented foliage and abundant flowering violet-blue flowers on tall thin stems

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

Overwinter (vernalisation needed to induce flowering)
Vernalisation not needed when sold as foliage plant

Plug Production

Seed forms	Profi-seed
Seed count	1.100-1.250 seeds/gram (31.100-35.500/oz); varies by lot!
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 Media EC 0.5-1.0 (75-150 ppm N) Moisture: keep medium saturated Growing medium temperature: 18-20°C (64-68°F)
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 0.5-1.0 (75-150 ppm N)
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 (61-64°F) EC 1.2-1.5 (180-225 ppm N)
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 (55-59°F) Fertilizers: see stage 3
Plug crop time	6-7 weeks
Approximate finish time	22-26 weeks
Special tips	Once the plants are rooted, watering can be limited The crop needs good air circulation in well-ventilated conditions