

Lavandula angustifolia — Cleo-Patio®

Bedding / Pot culture

Culture location: greenhouse / open field
Sowing method TP
Sowing season winter, spring, late autumn
Germ temp. 18-20°C (65-68°F)
Growing temp. 16-22°C (60-72°F)
Please note: vernalisation is required

Plug crop time

20-28 weeks (tray 104) for forcing
(overwintered plugs)

Plug scheduling:

sowing: week 28-33

Crop scheduling

tray 104: plant week 8-12 (overwinter)

Total crop duration

tray 104: 40-45 weeks (overwinter)

Seed requirement

5000 seeds for 1000 plants

Pests/diseases

Aphids, mites, Colletotrichum, Botrytis,
Phytophthora, leafspot, root rot.
Treat preventatively.

Fertilization (f)

Moderate requirement, applied regularly
(100-175 mg/l N, EC 0.7-1.2).
When overwintered, apply some extra N at
the start.
High pH (> 6,8) causes chlorosis.

Sowing details

Pre-sow and transplant (TP):
Initial sowing media: pH 5,8 – 6,5
EC < 0.7-1,2 mmhos/cm

Sow 4 seeds per plug
Cover light cover with coarse vermiculite

Days 0 - 5

(m) moist
(t) 18-20°C (65-68°F)
(l) 100 – 1,000 lux (10 - 100 fc)
(f) 100 to 175 ml N, 0,7 to 1,2 EC

Days 6 - 18

(m) normal
(t) 18-20°C (65-68°F)
(l) 11.000-27.000 lux (2500-5000 fc)
(f) 100 to 175 ml N, 0,7 to 1,2 EC

Days 19 - 28

(m) normal to dry / normal
(t) 16-18°C (60-65°F)
(l) 27.000-54.000 lux (2500-5000 fc)
(f) 175-225 ml N, 1,2-1.5 EC

Days 29 >

(m) normal to dry
(t) 16-18°C (60-65°F)
(l) 43.000-54.000 lux (4000-5000 fc)
(f) 175-225 ml N, 1,2-1.5 EC

Growing on

Soil/media

(Very) well-drained soil
pH 5,8-6,5, EC 1.2-1.5 mS/cm

Pinching

No pinching required. Can be cut back off

Plants per pot

10-12 cm (4-5 in.) pots: 1 plug per pot

Plant density (garden)

20 x 30 cm (8 x 12 in.)

Moisture (m)

Moderate to normal requirement, applied
early in the day. Low relative humidity and
good ventilation are important.

Temperature (t)

Day: 16-22°C (60-72°F)
Night: 12-16°C (54-60°F)

Light (l)

Facultative long day plant. For plug bulking
9 weeks short day (< 11 hrs) circumstances
are needed, followed by 10-11 weeks high
light (>14 hrs) and cool day temperatures.

Cultivation tips

Forcing conditions (winter):

- Sow in larger plugs (e.g. tray 104; plug crop time: 8-9 weeks).
- High light and low humidity are required.
- For plug bulking 9 weeks short day circumstances (< 11 hours) are needed.

Notes

- Sow late autumn for sale mid spring. Sow late winter/spring for sale late spring and summer.
- Foliage should be kept dry during transport and pre-sale stage in order to prevent diseases.

PGR

- Genetically compact plants should not need PGR's in plug production.
- If necessary, use B-Nine (daminozide). Spray 1000-2000 ppm in stage 3 and/or 4.

This information is for general guidance only, and is in some cases specific for North European conditions. No guarantee is given for the result of the crop, nor is liability accepted for the consequences of applying the indications given.