

# Lavandula Cleo-Patio®

Lavandula angustifolia

## Enjoy colours and scents for months on end

- Highly uniform and compact plant habit
- Well-branching plants with lots of flowers
- Long flowering period
- Easy to handle, robust plants



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**Lavandula Cleo-Patio®** is a strong perennial with a vigorous growth habit and firm, grey-green leaves. When it comes to compactness and uniformity, Cleo Patio® can easily compete with vegetatively grown plants. With numerous bright blue flowers and a lovely scent, Cleo-Patio® adorns the garden. This lavender can be used in borders or as hedges, but also in pots on the terrace or balcony. While retaining its compact shape, Cleo-Patio® shows an exceptionally long flowering period, thanks to the many flowering side branches. This Cleo-Patio® also proves its strength during transport and processing. By sowing in autumn, you will be stunned by a beautiful richly flowering product in spring.

## Plant profile

<b>Genus &amp; species:</b>	Lavandula angustifolia
<b>Family:</b>	Lamiaceae
<b>Common name:</b>	Lavender
<b>Variety:</b>	Cleo-Patio®
<b>Life cycle:</b>	Perennial
<b>USDA Hardiness zone:</b>	zone 5 to 9
<b>Plant habit:</b>	Mounded
<b>Finished plant height:</b>	30 cm
<b>Usage:</b>	In the garden in borders or as hedges, but also in pots in terrace or balcony
<b>Additional attributes:</b>	Attracts bees and butterflies



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# 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.