

Trachelium caeruleum

The colourful bouquet booster

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- Uniform series for various climates
 - Broad spectrum of colours
 - Possibilities for almost yearround production



Trachelium caeruleum

Corine series

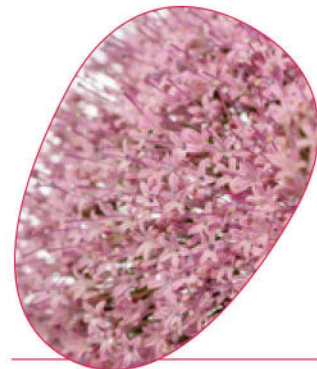
Trachelium Corine has large decorative umbels with masses of star-shaped flowers in a bright colour spectrum. The series excels in uniformity and has good branching and fast bud formation.

Corine can be produced almost year round.

Whereas other varieties sometimes have difficulty forming buds in darker, cooler periods, this is precisely what Corine scores well on. Plant the young plants of Corine in autumn and early winter for a quick production and rich flowering from mid-winter to early spring.



Corine
Light Blue



Corine
Lilac



Corine
Misty Blue



Corine
Purple



Corine
Red



Corine
White

Supreme Early & Supreme series

Supremes presents pretty colours and uniform stems with a large central cluster surrounded by smaller umbels on side branches.

In milder climates they can be produced almost yearround. Where others can have difficulty producing sufficient length in the summer period,

this is precisely what Supreme excels at. Plant Supreme Early from mid-winter to early spring and from late summer to autumn, for stable seasonal

transitions. Plant Supreme from late spring into summer, for excellent quality from summer to autumn.



Supreme Early
Light Blue



Supreme
Blue



Supreme
Purple



Supreme
White

Trachelium caeruleum — Cultivation manual

Cut flower culture

Culture location: greenhouse

Sowing method TP

Sowing season early and late season, outdoors in mild climates

Germ temp. 17-21°C (62-70°F)

Growing temp. depending on season

Plug crop time 7 - 9 weeks

Crop duration
17 - 27 weeks

Seed requirement
1250 seeds for 1000 plants

Pests/diseases
Leaf miner, thrips, aphids. Rhizoctonia, Pythium, Botrytis. Treat preventatively against fungi and diseases.

Fertilization (f)
Initial fertilization: 1.0 EC ms/cm. Alternate between calcium nitrate and potassium nitrate fertilizer. Discontinue N in the last 4 weeks of the culture.

Sowing details

Due to the very small size of the seeds, it is recommended to order young plants instead of seeds.

sowing media: well-drained, sifted, loose soil
pH 6,0, 0.5-0.9 EC

sow : 1 seed per plug (tray 288)

cover: no

Days 0 -7
(m) moist
(t) 17-21°C (62-70°F)
(l) optional
(f) < 100 ppm N, < 0.7 EC

Days 8 - 14
(m) normal to dry
(t) 17-21°C (62-70°F)
(l) see light
(f) < 100 ppm N, < 0.7 EC

Days 15 to transplant
(m) normal to dry
(t) 17-21°C (62-70°F)
(l) see light
(f) 100-175 ppm N, 0.7-1.2 EC

Growing on

Soil/media
Well drained, loose soil with no clusters; at least 25 cm (10 in.) deep.

Netting
Two levels of netting advised.

Pinching
optional: 2 or 3 weeks after planting, between 2nd and 3rd leaf pair.

Plants density
Not pinched:
65 - 86 plants/m² (6 - 8 plants/ft²)
When pinched: 24 pl/m² (2-3 pl/ft²)

Moisture (m)
Preferably drip irrigation. Keep soil evenly moist after planting. Reduce frequency when flower buds develop into umbels.

Temperature (t)
autumn/winter: 11-13°C (52-55°F)
spring: 16-18°C (60-65°F)
summer: 16/20-26° (60/68-78°F)

Light (l)
16 hours (day)light required for faster flowering. Start cyclic light when plants are 35 cm tall, until 40% of the crop has been harvested. Shading required when light intensity is > 1800 joules/cm².

Cultivation tips

- Avoid high salts and high ammonium in germination stage.
- Susceptible to Mn excess in soil. Therefore, do not steam soil for over 4 hours.
- Pinching: When stems are 5-8 cm (2-3 in.) tall (week 5 after planting), select only 3 to 4 stems per plant. Remove lateral shoots.

Notes

- Growing temp. > 18°C (64°F) stops bud formation and will cause harvest to be irregular. In that case, decrease fertilization.
- After pruning, soil must be disinfected. Decrease irrigation then, and stop fertilization. After 1 - 2 weeks, new shoots will develop. When visible, increase irrigation to 100% and start normal fertilization.

Harvest

- Harvest when flowers are 70-80% open.
- For post harvest treatments, see: www.vbn.nl/en/list-pre-treatments/

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.