

annual
100.000 s/gr
Seed form pelleted seeds



Trachelium caeruleum

Corine series

CUT FLOWER CULTURE

culture greenhouse
sowing method TP
sowing season
early and late season, outdoors in mild climates
germ temp. 17-21°C (62-70°F)
growing temp. depends 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) level 4
(t) 17-21°C (62-70°F)
(l) optional
(f) < 100 ppm N, < 0.7 EC
days 8 - 14
(m) level 2-3
(t) 17-21°C (62-70°F)
(l) see light
(f) < 100 ppm N, < 0.7 EC
days 15 - until transplant
(m) level 2-3
(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.
plant 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.

NOTE

- 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/longevity or
www.vbn.nl/houdbaarheid

moisture levels (m): 1 = dry 2 = normal to dry 3 = normal 4 = moist 5 = wet

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