

annual
1500 s/gr
Seed form normal seeds

CUT FLOWER CULTURE

culture greenhouse/open field

sowing method DS/TP

sowing season

spring to mid summer

germ temp. 18-24°C (64-75°F)

growing temp. 16-21°C (61-70°F)

plug crop time

2 - 3 weeks

crop duration

8 - 10 weeks from planting

seed requirement

DS 0,15 gr/m²

pests/diseases

Botrytis - treat preventively with a fungicide.

fertilization (f)

Low requirement of NPK fertilizer, low on N.

SOWING DETAILS

• Directseeding (DS):
sow : 0,15 gr/m²
in rows: (see density)
If necessary, thin plants to max. 5 cm apart

• Pre-sow and transplant (TP):
sow : 1 seed per plug (tray 288)

soil : well-drained fertile soil
pH 5 - 6,5
cover: no or light cover

days 3 - 5
(m) level 3 -4
(t) 18-24°C (64-75°F)
(l) 75.000 lux (7,000 fc)

days 6 - 14
(m) level 3-4
(t) 15-18°C (59-54°F)
(l) 75.000 lux (7,000 fc)
(f) < 100 ppm N, 0.7 EC
gradually increasing to
100 - 175 ppm, 0.7 - 1.2 EC

When sown in plugs, transplant after 2-3 weeks

GROWING ON

soil/media

well-drained fertile soil,
pH 5 - 6,5

netting

Support is advised

pinching

Pinching is not necessary.

plant density

A. caudatus: 40 cm between rows
A. cruentus: 30 cm between rows
A. hypoch. : 25 cm between rows

moisture (m)

Minimize overhead irrigation in order to avoid the flower heads to become top heavy and fall.

temperature (t)

Optimum growing temperature is 16-21°C (61-70°F).

light (l)

75.000 lux (7,000 fc), full sun

CULTIVATION TIPS

- For dryflower use, sow 0,5 gr/m².
- Sow at intervals from spring to the longest day to spread the harvest.

NOTE

Grow rather densely in order to restrain the plant size.

HARVEST

Harvest when flowers are mature.
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.