

annual

Seed form

**CUT FLOWER CULTURE****culture** greenhouse/open field**sowing method** TP**sowing season****germ temp.** 10-15°C (50-59°F)**growing temp.** 15-18°C (59-65°F)**plug crop time**

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**crop duration**

12-14 weeks from sowing

**seed requirement**A. majus 10-15 gr for 100 m<sup>2</sup>A. visnaga: 20-25 gr/100 m<sup>2</sup>**pests/diseases**

Mildew in later sowings. Therefore, grow less densely later in the season

**fertilization (f)**

Moderate requirement. A restricted quantity of a low N mixed fertilizer can be applied during growth when foliage shows a NPK deficit.

**SOWING DETAILS**

- Direct sowing (DS):  
Direct sowing is preferred as Ammi has a taproot.

A. majus : sow 0,03 gr per m<sup>1</sup>A. visnaga: sow 0,05 gr per m<sup>1</sup>

In rows : 30-35 cm apart

Cover : cover lightly with soil

Germination time 14 days

- Pre-sow and transplant (TP):  
Sow 1 or 2 seeds per plug (288) in a sterile sowing medium

days 1 - 4

(m) level 4

(t) rather cool: 10-15°C (50-59°F)

(f) &lt; 100 ppm N, &lt; 0.7 EC

days 5-14

(m) level 3-4

(t) 12-16°C (54-61°F)

(f) &lt; 100 ppm N, &lt; 0.7 EC

Avoid root damage (taproot), do not delay transplanting.

**GROWING ON****soil/media**

well-drained soil with low fertilization level, pH 5,0-6,5

**netting**

Optional - see cultivation tip.

**pinching**

Pinching is not necessary.

**plant density**outdoors: 30 plants/m<sup>2</sup> (6 pl/ft<sup>2</sup>)greenhouse: 20 plants/m<sup>2</sup> (4 pl/ft<sup>2</sup>)**moisture (m)**

Moderate requirement.

**temperature (t)**

Optimum growing temperature is 15-18°C (59-65°F).

**light (l)**

High light/full sun

**CULTIVATION TIPS**

- When exposed to windy areas a support around the flowerbeds can prevent flowers to drop or bend.
- Using a PGR (growth regulator) such as Alar results in sturdier stems.

**NOTE**

- In a wet period flower edges may turn brown. The best way to prevent this is to spray with e.g. lprodion (Rovral).

**HARVEST**

Harvest when first flower opens and buds are well-formed. Harvest in one go to avoid damage due to tangling side-branches.

For post harvest treatments, see:  
[www.vbn.nl/en/longevity](http://www.vbn.nl/en/longevity) or  
[www.vbn.nl/houdbaarheid](http://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.