

annual
350 s/gr
Seed form



Brassica oleracea F1

CUT FLOWER CULTURE	SOWING DETAILS	GROWING ON
<p>culture greenhouse/open field</p> <p>sowing method DS/TP</p> <p>sowing season outdoors mid/late spring (NL week 18-24); indoors mid summer (NL week 28-29).</p> <p>germ temp. 21-24°C (70-75°F)</p> <p>growing temp. 16-21°C - see note*</p> <p>plug crop time 15-18 days</p> <p>crop duration 12 to 16 weeks from sowing</p> <p>seed requirement Indoors 80-90 seeds/ m² Outdoors 100-110 seeds/m²</p> <p>pests/diseases Cabbage butterflies, caterpillars, thrips, aphids, clubroot, Sclerotinia, downy mildew, powdery mildew.</p> <p>fertilization (f) calcium-based fertilizer - medium requirement. Later in the culture supplement fertilizer with potassium (K). At the end of the culture, reduce fertilization. High N delays the colouring process.</p>	<ul style="list-style-type: none">• Directseeding (DS): sow : 100-110 seeds per m² (indoors 80-90 sds/m²) in rows: 12,5 cm apart• Pre-sow and transplant: Sow 1 seed/plug (tray 288 or 200) <p>soil : well-drained fertile soil pH 6,5 - 7 cover: light cover</p> <p>days 0 - 4 (m) level 4 - 5 (t) 21-24°C (70-75°F)</p> <p>days 5 - 14 (m) level 4 (t) 21-24°C (70-75°F) (l) 11.000-27.000 lux (1000-2500 fc) (f) 100 ppm N, < 0.7 EC</p> <p>days 15-18 (m) level 3-4 (t) 21-24°C (70-75°F) (l) 27.000-54.000 lux (2500-5000 fc) (f) 175 - 225 ppm N, 1.2-1.5 EC</p> <p>Transplant at 2-3 true leaf stage. If left in plug tray too long, plant deeper in order to maintain straight stems.</p>	<p>soil/media well-drained fertile soil, pH 6,5 - 7</p> <p>netting Support is advised.</p> <p>pinching Pinching is not advised.</p> <p>plant density Row distance 12,5 cm. 64 - 80 plants per m² (or less). Tight spacing encourages taller stems.</p> <p>moisture (m) Depending on soil type, gradually reduce irrigation to prevent root diseases.</p> <p>temperature (t) 21-24°C (70-75°F) initially for stem elongation; lower to 16°C (60°F) for colouring of the crop.</p> <p>light (l) Brassica is daylength neutral. When light conditions are low, supplemental lighting is required to avoid stretched and weak plants.</p>

CULTIVATION TIPS	NOTE	HARVEST
<ul style="list-style-type: none">- On lighter soils it is possible to sow or plant later.- The Empire varieties have an improved tolerance to fungi when compared to other strains in the market.- Brassica is very versatile: many cultivation methods can be applied.- Different varieties and forms are available for early/late large/dense crops.	<p>* Towards the end of the culture lower temperatures (10-12°C (50-54°F) are needed for colouring of the crop.</p>	<p>Harvest late summer/autumn when the centre is well-developed. For post harvest treatments, see: www.vbn.nl/en/longevity or www.vbn.nl/houdbaarheid</p>

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.



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