

Limonium | Wings & Glacier

Growing manual



 HilverdaFlorist

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Flower profile

Genus	Limonium	Starting material	Tissue culture young plants
Species	sinuatum	Tray size	HilverdaFlorist offers: <ul style="list-style-type: none"> • 180 cell trays • 84 cell trays • TC rooted
Family	Plumbaginaceae		
Common name	Statice		
General remark	Not climate-dependent		

Planning & Preparation

Location	Indoors
First harvest	3 - 4 months after planting.
Life cycle	1 year, 1 big flush - after that continuous production.
Plant timing	<ul style="list-style-type: none"> • North European climate: indoors in winter and spring. • South European climate: indoors in late summer throughout winter.
Plant density	6 plants per net m ² <ul style="list-style-type: none"> • Bed width: 100 cm. • Rows: 2 per bed, 30 cm between rows / spacing of plants in row: 30 cm. Do not plant too deep or cover the growing points, as they need light to develop.
Netting	Required. Use 1 net at a height of 30 cm. Mesh dimensions: 20 x 20 cm.
Heating	For indoor cultivation a heating pipe on the first layer of netting is recommended to avoid botrytis.
Irrigation method	Drip lines are recommended. Overhead watering only in the very first growing stage, until a rosette is formed.



Special activities

Pinching	Once, only the main stem. Pinch when the main stem reaches 15 cm and pinch back to 3 cm.
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Media

Initial media	Use loose, well-drained soil
Soil analysis	<ul style="list-style-type: none"> • pH: 5.5 - 6.5 • EC: 0.7 - 1.0 mS/cm

Climate

Temperature	<ul style="list-style-type: none"> • Winter plantings: <ul style="list-style-type: none"> Week 0 - 2: 15°C day and night Week 2 - 4: < 10°C (4 - 8°C) day and night Week 5 onwards: day: 20°C / night: < 10°C (4 - 8°C) • Early spring plantings: day: 20°C / night: 12 - 14°C 	Humidity	Keep RH low (65% day & night) by ventilation to prevent botrytis in the flowers.
		Irrigation	Keep the soil moist and the crop as dry as possible.
		Light / shade	Natural light levels are sufficient. Avoid unnecessary shading. Light-loving plants, moderate to high light is ideal.

Fertilisation

Basic target values of irrigation water, based on rainwater / RO water:

	pH		Cations: millimol/l							Anions: millimol/l					Trace elements: micromol/l					
	water	mS/cm 25°C	NH ₄ ⁺ *	K ⁺	Na ⁺	Ca ²⁺	Mg ²⁺	Si	NO ₃ ⁻	Cl ⁻ *	SO ₄ ²⁻	HCO ₃ ⁻	H ₂ PO ₄ ⁻	Fe	Mn	Zn	B	Cu	Mo	
Soil • soil target	6.0	0.8	0.1	1.0		1.5	0.8		2.0		1.5		0.1	5.0	0.5	0.5	10.0	0.3	0.2	
Cocopeat • drip target	5.3	1.5	0.5	4.8		3.5	1.5		10.0	1.0	1.5		1.3	15.0	1.0	2.0	25.0	1.0	0.3	
Cocopeat • drain target	6.0	0.9	0.1	2.5		3.0	1.5		6.0	1.0	2.0		0.8	10.0	0.8	1.5	15.0	0.5	0.3	

* depending on pH level

When using a different water source, add the EC value of basic water to the EC of the drip water mentioned in the chart, or consult our team.

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Challenges

Not very susceptible to diseases.

Botrytis (ventilation), sclerotinia, rhizoctonia, rust may occur. Scout for spider mites, aphids, cutworm, caterpillars, scutigera, beetles, taxus beetles. Apply any treatment in the morning to make sure the crop is dry before nightfall.

Ask for our list of recommended plant protection products.

Harvest

Harvest not too early. Make sure both the outer (coloured) petals and the inner (white) petals are open (approx. 3 - 3.5 months after planting).

Harvest early morning or late afternoon, avoid the warmest time of the day. Use harvesting scissors or a sharp knife to keep plants intact. Cut the stems as low as possible, as stem remains turn very sharp. During harvest period, make sure to keep the RH low by ventilation.

Post harvest

Pre-treatment is not mandatory.

A chlorine solution is commonly used to keep the water clean.

Source

Contact [HilverdaFlorist](#) or our [worldwide sales network](#) for more information, tailored advice or ordering.

Lead time: 180 cell trays: 6 weeks / 84 cell trays: 14 weeks

TC rooted: 10 weeks

Disclaimer

NOTE: This growing manual can be used as a reference only. Timing and performance will vary depending on the climate, local circumstances, time of the year and other factors. HilverdaFlorist BV doesn't accept any liability. - Version: Aug 2023

Knowledge base | Our knowledge base offers both inspirational and informative content, covering a wide range of topics, including cultural research, product information, the HilverdaFlorist team, industry trends, sustainability, innovation and more. Scan the QR code to visit our knowledge base.

