



V W S

EXPORT – IMPORT OF FLOWERBULBS

ISO 9001
CERTIFIED

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THE CULTIVATION OF LIATRIS

- ! The following information is meant to be advisory.
- ! We (VWS) cannot be held responsible for any
- damage and/or bad results.

LIATRIS



Popular name: Gay feather
Family: Compositae

Range

- Liatris Spicata, grown from seed
- Liatris Callilepis, propagation by division

General

- Plant characteristics
- * Height: 80-100 cm
- * Flower colour and shape: violet (sometimes white) and spike-shaped
- * Leaf colour and shape: green, needle-shaped leaf
- * Inflorescence: spikes flowering from top to bottom
- Origin: Central and North America
- Bulb type: corm
- Hardiness: good
- Available sizes: 6-8, 8-10 cm
- Availability: year-round
- Storage: from March at -1°C
(first disinfect, then freeze. Do not use filling material)

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Cultivation of cut flowers

- Degree of difficulty: can be forced into flower normally
- Range: *Liatris spicata*, *Liatris callilepis*
- Soil type: all soil types, frequent crop rotation in view of Verticillium
- Nutrition: moderate, 5 kg 12-10-18 NPK per 100 m²
- Planting depth: appr. 2 cm soil over the roots
- Time to mature: from planting out until flowering appr. 100 days
- Watering: copious watering
- Crop protection: Thrips / Botrytis
- Flower production: 1 to 2 flowers per corm
- Cutting stage: crop when the top most 1 cm of the spike is in flower
- Post-harvest treatment: chlorine tablet in water
- Additional measures: support with wire mesh may be advisable

Early cultivation under glass

- Degree of difficulty: not difficult
- Range: *Liatris spicata*
- Corm size: 6-8, 8-10 cm
- Storage: cool, 0°C / -2°C
- Planting time: January - February
- Planting density: 60 (8-10 cm) - 80 (6-8 cm) corms per m²
- Greenhouse climate: January - February 10°C, March 12°C, April 15°C
- Flowering period: mid-May - June

Field cultivation

- Degree of difficulty: not difficult
- Range: *Liatris spicata*, *Liatris callilepis*
- Corm size: 6-8, 8-10 cm
- Planting time: March - June
- Planting density: 60-80 corms per m²
- Flowering period: July - October

Retarded cultivation under glass

- Degree of difficulty: difficult. In higher temperatures early rapid luxurious growth can result in a weak and limp crop. Higher moisture content in the autumn increases the risk of Botrytis cinerea. Insufficient light: weak crop, pale flower colours (flower)
- Range: *Liatris spicata*, *Liatris callilepis*
- Corm size: 8-10 cm
- Planting time: end of June - 1st week of July
- Planting density: 60-70 corms per m²

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- Greenhouse climate: cool (ventilate frequently)
- Flowering period: appr. 3 to 4 months after planting out

Please note that this is an indication of how to grow Liatris. Each different circumstance ask for a different approach, therefore if you still have some questions or you want to know something more about the cultivation Liatris, please do not hesitate to contact VWS.