

Variety Description

Variety

MISTER

Species	Yellow sweet lupin
Botanical name	Lupinus luteus
Seeding rate	60-80 seeds/m ²
Distance between rows	Similar to cereals
Sowing period as main crop	Until April
Sowing period as catch crop	Until August
Sowing depth	2-5 cm

Agronomic figures*:

Plant height	4
Tendency to lodging	3
Beginning of flowering	3
Maturation	4
Grain yield	6
Crude protein yield	5
Crude protein content	6
Bitter content	Low bitterness
Determinate growth	Absent



Clarification of figures*:

1: very early, very low / 5: medium / 9: very late, very high

* **Source:** Cultivator classification 2020

Variety description

The yellow sweet lupin MISTER matures early and is not very susceptible to waterlogging; it also exhibits relatively good resistance to anthracnosis, making it a reliable and high-yielding variety. High crude protein yields, a good protein content of around 45% and extremely low alkaloid content make MISTER an important source of native protein-rich feed. As a nitrogen fixer, MISTER is also a valuable preceding crop.

Most important characteristics

Low bitterness
Good impact on soil tilth and structure, effective preceding crop
Very high grain yield and outstanding crude protein yield

Remarks

As a main crop, yellow sweet lupins are cultivated to produce high-quality, protein-rich fodder. In recent years, the crop has seen a renaissance thanks to trends that emphasise a healthy diet based on local and native ingredients. The importance of cultivating this crop is expected to increase further. As a legume, yellow lupins fix atmospheric nitrogen and convert it into a form that can be used by plants. Yellow lupins have lower soil requirements than blue and white lupins. They thrive on nutrient-poor, air-permeable sandy soils and also do particularly well in soil pH levels of up to 6.0 and drought conditions. When planting in fields in which lupins have not been grown for around 10 years, the use of RhizoFix® RF-40, a rhizobium inoculant designed especially for lupins, is recommended.

