

CELINA

White lupin

The protein queen

Profile

CELINA is a real protein miracle. In contrast to soybeans, it has a significantly better climate adaptation, a lower heat requirement and can thus be grown in many locations. Due to its unique anthracnose tolerance, it provides farmers with high yield security. CELINA is primarily suitable for animal feed.

Distribution in: DE • Breeder: LLA Triesdorf

- Branching type with low content of bitter substances
- High protein yield for feed use
- Also usable for human nutrition due to lower alkaloid content
- Tolerance against anthracnose
- With CELINA, the cultivation of white lupins is possible, as it is tolerant of anthracnose
- Better yield potential, higher protein content with better space stability than blue lupins
- Deep-rooted taproot and therefore very insensitive to summer drought
- Very good threshing ability due to homogenous grain/straw ripening and high core build-up
- GMO-free native protein plant with better climate adaptation than soya

Agronomics Features

Limitation in tillering	(1) 2 3 4 5 6 7 8 9	(absent or very low)
Flowering	1 2 (3) 4 5 6 7 8 9	(low)
Maturity	1 2 3 (4) 5 6 7 8 9	(early to medium)
Plant Height	1 2 3 4 (5) 6 7 8 9	(medium)
Lodging	1 2 (3) 4 5 6 7 8 9	(low)
Kernel yield	1 2 3 4 5 6 (7) 8 9	(high)
Protein yield	1 2 3 4 5 6 7 (8) 9	(high to very high)
Thousand grain mass	1 2 3 4 5 6 (7) 8 9	(high)
Protein content	1 2 (3) 4 5 6 7 8 9	(low)
Bitterness level	(1) 2 3 4 5 6 7 8 9	(low in bitter substances)

Agronomic properties

Determinate growth	1 2 3 4 5 6 7 8 9	missing
Beginning of flowering	1 2 3 4 5 6 7 8 9	early
Maturity	1 2 3 4 5 6 7 8 9	early to medium
Plant Height	1 2 3 4 5 6 7 8 9	medium
Bitterness level	1 2 3 4 5 6 7 8 9	low in bitter substances

Tends to

Lodging	1 2 **3** 4 5 6 7 8 9	low

Yield characteristics

Thousand grain mass	1 2 3 4 5 6 **7** 8 9	high
Grain yield	1 2 3 4 5 **6** 7 8 9	medium to high
Gross protein yield	1 2 3 4 5 6 **7** 8 9	high

Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) 2025 and our own results.

Quality

Protein content	1 2 **3** 4 5 6 7 8 9	low

Location

All soils except waterlogging

Special characteristics

Greater yield security through tolerance to anthracnosis, the most important lupin disease, which can lead to a complete loss of yield.

Sowing

60 grains/m² for row distances of 12-25 cm

Sowing date

Mid of March - mid of April

Usage

High-quality protein feed for cattle feeding

All specified information is given to the best of our knowledge and belief, but without guarantee on completeness and correctness. Despite care we cannot guarantee that the described characteristics are repeatable / comprehensive in agricultural practice in each case. DSV United Kingdom Ltd. excludes adhesion for damage or claims for damages, resulting of the use for the variety specified in this description.