



## 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	<input checked="" type="radio"/> (1) <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(absent or very low)
Flowering	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> (3) <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(low)
Maturity	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> (4) <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(early to medium)
Plant Height	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> (5) <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(medium)
Lodging	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> (3) <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(low)
Kernel yield	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> (7) <input type="radio"/> 8 <input type="radio"/> 9	(high)
Protein yield	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input checked="" type="radio"/> (8) <input type="radio"/> 9	(high to very high)
Thousand grain mass	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> (7) <input type="radio"/> 8 <input type="radio"/> 9	(high)
Protein content	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> (3) <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(low)
Bitterness level	<input checked="" type="radio"/> (1) <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	(low in bitter substances)

## Agronomic properties

Determinate growth	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	missing
Beginning of flowering	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	early
Maturity	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	early to medium
Plant Height	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium
Bitterness level	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	low in bitter substances

## Tends to

Lodging



low

## Yield characteristics

Thousand grain mass



high

Grain yield



medium to high

Gross protein yield



high

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

## Quality

Protein content



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/m<sup>2</sup> 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.