

FRIEDA

White lupin

A real protein bomb

Profile

FRIEDA is a real protein miracle. In contrast to soya, it has a significantly better climate adaptation, a lower heat requirement and can thus be grown on many sites. Due to its unique anthracnose tolerance, it provides farmers with high yield security. FRIEDA is suitable for animal feed; its use in human nutrition is still being tested.

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
- FRIEDA is significantly more yield-safe than all previously approved varieties, as it is tolerant to anthracnose
- Better yield potential, higher protein content with better space stability than blue lupins
- Deep-rooted taproot and therefore very insensitive to summer dryness
- Very good threshing ability due to homogenous grain/straw ripening and high core build-up

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	(medium to high)
Protein yield	1 2 3 4 5 6 (7) 8 9	(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

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.