

FRIEDA ORCANIC

White lupin organic

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: AT, CH, 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
- 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

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
Ripening	1 2 3 4 5 6 7 8 9	early to inter
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) 2024 and our own results.

Quality

Crude protein content	1 2 3 4 5 6 7 8 9	low

Locations

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 in organic quality

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