

# FRIEDA

A real protein bomb

White lupin

## 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	<div><div>(1)</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(absent or very low)
Flowering	<div><div></div><div></div><div>(3)</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(low)
Maturity	<div><div></div><div></div><div></div><div>(4)</div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(early to medium)
Plant Height	<div><div></div><div></div><div></div><div></div><div>(5)</div><div></div><div></div><div></div><div></div><div></div></div>	(medium)
Lodging	<div><div></div><div></div><div>(3)</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(low)
Kernel yield	<div><div></div><div></div><div></div><div></div><div></div><div>(6)</div><div></div><div></div><div></div><div></div></div>	(medium to high)
Protein yield	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>(7)</div><div></div><div></div><div></div></div>	(high)
Thousand grain mass	<div><div></div><div></div><div></div><div></div><div></div><div></div><div>(7)</div><div></div><div></div><div></div></div>	(high)
Protein content	<div><div></div><div></div><div>(3)</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(low)
Bitterness level	<div><div>(1)</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>	(low in bitter substances)

Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) 2024 and our own results.

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