



## 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	<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
Ripening	<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 inter
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	<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
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## Yield characteristics

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
Grain yield	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	medium to high
Gross 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 checked="" type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9	high

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

## Quality

Crude 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
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## 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/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 in organic quality

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