



FRIEDA ORCANIC

A real protein bomb

White lupin organic

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 | <div><div>1</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | missing |
| Beginning of flowering | <div><div></div><div></div><div>3</div><div></div><div></div><div></div><div></div><div></div><div></div></div> | early |
| Ripening | <div><div></div><div></div><div></div><div>4</div><div></div><div></div><div></div><div></div><div></div></div> | early to inter |
| Plant height | <div><div></div><div></div><div></div><div></div><div>5</div><div></div><div></div><div></div><div></div></div> | medium |
| Bitterness level | <div><div>1</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | low in bitter substances |

Tends to

| | | |
|---------|---|-----|
| Lodging | <div><div></div><div></div><div>3</div><div></div><div></div><div></div><div></div><div></div><div></div></div> | low |
|---------|---|-----|

Yield characteristics

| | | |
|---------------------|---|----------------|
| Thousand grain mass | <div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div> | high |
| Grain yield | <div><div></div><div></div><div></div><div></div><div></div><div>6</div><div></div><div></div><div></div></div> | medium to high |
| Gross protein yield | <div><div></div><div></div><div></div><div></div><div></div><div></div><div>7</div><div></div><div></div></div> | high |

Classification according to the descriptive variety list - Bundessortenamt (federal plant variety office, Germany) - conventional 2021 and our own results.

Quality

| | | |
|-----------------------|---|-----|
| Crude protein content | <div><div></div><div></div><div>3</div><div></div><div></div><div></div><div></div><div></div><div></div></div> | 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

All specified informations, recommendations and representations mentioned here are made to the best of our knowledge and belief, but without guarantee of completeness or accuracy. We cannot guarantee that the properties described are repeatable. All information is provided as an aid to decision-making. Deutsche Saatveredelung AG excludes adhesion for damage or claims for damages, resulting of the use for the variety specified in this description. Mixture compositions may change if individual varieties are not available. As of 10/2023. Subject to change without notice.