

Field bean

BIRGIT

High yielding, stable, and suitable for organic farming



Benefits:

- With an average protein content, **BIRGIT** is characterized by excellent protein yields
- Robust variety with rapid initial development even under unfavorable growth conditions
- With its leavy growth **BIRGIT** ensures a fast weed suppression and has therefore a good suitability for ecological cultivation
- Medium-sized, stable variety, characterized by a comparatively low thousand grain weight
- Robust seed coat with dark hilum provides a healthy grain and allows sowing without chemical seed treatment
- Conventional variety with medium tannin and vicin content - very suitable for ruminant feeding
- High valuable pre crop in cereal rotations which allows control of blackgrass

Cultivation recommendations:

Robuste Sorte mit gesundem Korn ermöglicht Verzicht auf Beize. Sehr gute Eignung für den Öko-Anbau.

Kurzprofil:

Grain yield	7
Beginning of flowering	4
Resistance to lodging	7
Crude protein content	5

Representative: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 30.07.2019 / 22.00

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Entwicklung:

Beginning of flowering	4
Reife	5
Pflanzenlänge	6

Vitalität:

Vitalität	Ascochyta, rust and botrytis medium to good level
Resistance to lodging	7
Botrytis	6
Rost	5

Ertrag und Qualität:

Grain yield	7
TKM	6
Crude protein yield	8
Crude protein content	5
Content of tannin	Contains tannin

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Aussaat:

Saatzeit	Practicability of the soil is determining. As early as possible in spring. Seedlings are frost-resistant up to -5°C.
Günstige Saatbedingungen	35-40
Normale Saatbedingungen	40-45
Ungünstige Saatbedingungen	50-55
Leichte Böden	8-10
Schwere Böden	6-8
Reihenabstand	Single or double row distance is favourable regarding yield. Bigger row distances are possible with single grain sowing.

Düngung:

Kalkung	Zur Leguminose auf bodenarttypischen pH-Wert
Grunddüngung	Nach Entzug: z. B. mittlere Bodenversorgung, mittleres Ertragsniveau: 40-60 kg/ha P ₂ O ₅ ; 100-130 kg/ha K ₂ O; 20-50 kg/ha MgO
Stickstoff	No N-fertilization
Spurenelemente	As required in combination with other phytosanitary measures

Pflanzenschutz:

Crop protection	In coordination with the local phytosanitary service
Unkraut / Ungras	Use of herbicides is possible before and after emergence. Field beans provide good conditions for mechanical weed control.
Schädlinge	Watch out for Black bean aphid (beginning of flowering), broad bean beetle (middle of flowering), schedule treatment in individual cases, if necessary.
Krankheiten	Chocolate spot can be controlled by fungicide spraying. Bean anthracnose can be prevented by strict seed hygiene.

Harvest	Good to very good threshing performance due to uniform ripening and good stability; harvest at 15-19 % grain moisture; danger of broken grains if harvest is too dry; select gentle combine harvester setting.
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