

Field bean

STELLA

Highest protein and grain yield



Benefits:

- Growing tall with uniform ripening.
- Highest protein yield / ha
- Medium flowering and ripening
- Light hilum, suitable for feeding and human nutrition
- Uniform color and seed shape
- Medium tannin content and reduced vicin-/convicin content
- High N-fixation, therefore a premium precrop in cereal rotations

Cultivation recommendations:

STELLA fulfills all quality requirements for human nutrition and is premium-quality protein feed for animal feeding.

Kurzprofil:

Grain yield	9
Beginning of flowering	5
Resistance to lodging	7
Crude protein content	5

Züchter: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 09.12.2019 / 12.00

Field bean

STELLA

Highest protein and grain yield

Entwicklung:

Beginning of flowering	4
Maturity	5
Plant length	7

Vitalität:

Resistance to lodging	7
Botrytis	4
Rust	5

Ertrag und Qualität:

Grain yield	9
TKW	6
Crude protein yield	9
Crude protein content	5
Content of tannin	Contains tannin

Züchter: P. H. PETERSEN Saatzeit Lundsgaard GmbH, Version: 09.12.2019 / 12.00

Field bean

STELLA

Highest protein and grain yield

Aussaat:

Sowing time	Practicability of the soil is determining. As early as possible in spring. Seedlings are frost-resistant up to -5°C.
Favourable sowing conditions	35-40
Regular sowing conditions	40-45
Unfavourable sowing conditions	50-55
Sandy soil	8-10
Heavy soil	6-8
Row distance	Single or double row spacing is beneficial for the yield, larger row spacing in combination with precision sowing is possible.

Düngung:

Liming	Liming is necessary on a typical pH level
Base fertilizing	After deprivation: e.g. medium supply, medium yield level: 40-60 kg/ha P ₂ O ₅ ; 100-130 kg/ha K ₂ O; 20-50 kg/ha MgO
Nitrogen	No N-fertilization
Trace elements	As required in combination with other phytosanitary measures

Pflanzenschutz:

Crop protection	In coordination with the local plant protection service
Weed	Herbicide applications are possible. Field beans offer good conditions for mechanical weed control.
Pests	Black bean aphid (beginning of flowering), broad bean beetle (mid-flowering); schedule treatment if necessary
Plant diseases	Chocolate spot of field beans is easily controllable by fungicide spraying. Bean anthracnose can be prevented by good seed hygiene.
Harvest	Good to very good threshing ability due to uniform ripening and good stability; harvest at 15-19% grain moisture; danger of broken grains if harvest is too dry; choose gentle combine harvester setting

Züchter: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 09.12.2019 / 12.00