



LYNX – Healthy yields for field bean growers

Spring field bean

BREEDER/DISTRIBUTOR

NPZ / Saaten-Union

VARIETY DESCRIPTION

LYNX is a very high-yielding spring field bean with a high crude protein yield potential. The variety is medium-long, has a very stiff straw and is maturing in the mid to late range.

Lynx has a coloured flower and produces tannin containing seeds. This variety has the highest Downy mildew resistance which is available at present (Recommended List UK 2017). LYNX has a pale hilum with a medium to small seed size. Thus LYNX should be suitable also for the export markets.

Furthermore, the seed is well shaped and has a beige colour. Therefore the seeds are also well adapted for the human consumption market.

Agronomic characters

Yield potential:	high – very high
Protein content:	high
Protein yield:	high
Grain weight:	small - medium
Begin of flowering:	medium
Maturity:	medium - late
Lodging resistance:	very high
Plant length:	medium
Resistances	
Ascochyta:	medium
Botrytis:	medium
Rust:	medium
Special trait:	high tolerance to downey mildew

Crop husbandry

Sowing time: As early as possible and as soon as the soil can carry traffic. Starting from the end of February, seedlings frost tolerant up to -5°C.

Sowing depth and density: on medium soil types: 8-10 cm; on heavy soils: 6-8 cm sowing depth. In favourable planting conditions 35-40 viable seeds / m² - normal planting conditions 40-45 viable seeds / m² - unfavourable planting conditions 50-55 viable seeds / m².

Row spacing: from 20 to 45 cm for favourable yield; in order to get the proper sowing depth wider rows are recommended

Fertilisation: Nitrogen application is not necessary. For medium supplied soils and a medium yield level: 40-60 kg P₂O₅/ha; 100-130 kg K₂O/ha, 20-50 kg MgO/ha are recommended.

Weed Control: *Should be applied according to national-registered plant protection devices and local recommendations.* Herbicide treatment only possible in pre-emergence. Field beans provide good conditions for mechanical weed control.

Diseases and Insect Protection: It is recommended to pay attention to Sitona weevil (post-emergence period), black bean aphid (from beginning of flowering onwards), Bruchus field bean beetle (begin of flowering onwards). Pesticide strategies have to be fine-tuned with local advisory institutions. In case of occurrence of chocolate leaf spot disease it is easy to control with fungicidal spray.

Information level 2021

All variety descriptions have been prepared in accordance to the best of our knowledge, considering trial results and observations. A guarantee or a liability in individual cases is not possible, because the growth conditions are subject to substantial fluctuations.