



TRUMPET – the new healthy, stable and high yielding variety

Spring field bean

BREEDER/DISTRIBUTOR

NPZ/Saaten-Union

VARIETY DESCRIPTION

The new variety TRUMPET was registered in Germany in 2017. The two-year official results showed above-average grain and crude protein yields. In the 2018 national variety trials, TRUMPET is at the top of the list of approved varieties. In our own trials, TRUMPET showed excellent yield performance in both the extremely wet year 2017 and the very dry year 2018.

TRUMPET is characterized by a lower plant height, which makes this variety very stable. The extremely healthy genetics of this variety TRUMPET is very robust and healthy in the field.

The thousand grain weight of TRUMPET is in the middle range, so it can be sown very well with conventional sowing technology.

TRUMPET has a coloured flower and is therefore a tannin-containing variety. The compact pod package makes harvesting easier.

Agronomic characters

Yield potential:	high
Protein content:	medium
Protein yield:	high
Grain weight:	medium
Begin of flowering:	mid - early
Maturity:	mid - early
Lodging resistance:	high
Plant length:	medium
Resistances	
Ascochyta:	low
Botrytis:	low
Rust:	low

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.