



TAIFUN – Good agronomical traits and high protein digestibility for feeding monogastric

Spring field bean

BREEDER/DISTRIBUTOR

NPZ/Saaten-Union

VARIETY DESCRIPTION

TAIFUN is one of the very rare varieties without tannin content. This makes TAIFUN well-suitable for pig feeding.

TAIFUN starts early with flowering.

Its first registration TAIFUN got in Denmark in 2012.

Agronomic characters

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

Crop husbandry

Sowing time: don't drill to early! Tannin-free varieties needs to be sown into warmer soils; good emerging conditions help for better juvenile development

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.