

## **TIFFANY – high kernel yields with high protein level**

Spring field bean

**BREEDER/DISTRIBUTOR**

NPZ/Saaten-Union

### **VARIETY DESCRIPTION**

TIFFANY was registered in Germany in 2015.

This variety offers the new quality of low vicine/convicine content and is therefore well usable for laying-hen feeding and human consumption.

TIFFANY has proven over several years in different countries its wide adaptation. High kernel and protein yields makes this variety very interesting for the farmers and the industry.

The mid – early maturity in combination with a good lodging tolerance leads to good harvesting abilities.

#### **Agronomic characters**

Yield potential:	high
Protein content:	medium - high
Protein yield:	high
Grain weight:	medium
Begin of flowering:	mid - early
Maturity:	mid
Lodging resistance:	high
Plant length:	medium - high
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 / m<sup>2</sup> - normal planting conditions 40-45 viable seeds / m<sup>2</sup> - unfavourable planting conditions 50-55 viable seeds / m<sup>2</sup>.

**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 P<sub>2</sub>O<sub>5</sub>/ha; 100-130 kg K<sub>2</sub>O/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.*