

Variety Description

Variety

WIZARD

Species	Winter field bean
Botanical name	Vicia faba
Ploidy	Diploid
Seeding rate	25-30 grains/m ² (approx. 180 kg/ha)
Distance between rows	Similar to cereals
Sowing period	From week 38 of September to late October
Sowing depth	8 cm
Agronomic figures*:	
Beginning of flowering	3
Growth height/Early development	5
Stalk height/Full development	5
Development after sowing	6
Tendency to lodging	3
Thousand grain weight	7
Grain yield	6
Crude protein content	6
Tannin content	9



Clarification of figures*:

1: very early, very low / 5: medium / 9: very late, very high

* **Source:** Cultivator classification

Variety description

WIZARD is a well-established variety of winter field bean which produces purple flowers and provides consistent yield and protein content. It can be classified as a variety with high yield security. WIZARD shows particularly good development after sowing, after which it establishes a stable stand. Another noteworthy positive characteristic is its good resistance to botrytis.

Most important characteristics

Frost-proof up to -10 °C
Quick flowering
High grain yield
Resistance to botrytis

Usage

As large-seeded leguminous plants, winter field beans provide the benefit of diversification through crop rotation, nitrogen fixing and local supply of protein. Subsequent crop can easily be sowed on the mulched field without tilling. In view of climate change and increasing dry spells in spring and early summer, winter field beans prove to be more effective in utilising winter humidity than summer field beans owing to their longer cultivation period. No nitrogen fertilisation is required for stand establishment; it is, however, advisable to use around 60 kg/ha of P₂O₅, 100 kg/ha of K₂O and 30 kg/ha of MgO. Inoculation with nitrogen-fixing bacteria (also called rhizobia) is recommended on sites where no field beans have been cultivated for a long time.



