NORDDEUTSCHE PFLANZENZUCHT
Wir lassen Qualität wachsen.

ALLISON – New low vicin/convicin yield class

Spring Field Bean

BREEDER / DISTRIBUTOR NPZ / Saaten-Union

VARIETY DESCRIPTION

ALLISON is a low-vicin / low-convicin field bean variety and was registered by the German Federal Plant Variety Office at the end of 2019 due to its high yield and early maturity. In Germany, it is the second field bean variety with this special characteristic in addition to the already established variety TIFFANY. ALLISON convinces with its shorter growth and earlier maturity than the reference variety TIFFANY. ALLISON has a very good lodging resistance and therefore good threshing properties. ALLISON also has good plant health: first internal trials confirm the low susceptibility of ALLISON to rust.

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

Crop husbandry

Sowing time: Trafficability of the soil is important. "Seed bed goes before sowing time." Seedlings are frost tolerant down 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: 12,5 to 30 cm; wider row spacing in connection with precision seeding possible.

Fertilization: no nitrogen fertilization necessary; generally adapted to local conditions; guide values: 40-60 kg/ha P_2O_5; 100-130 kg/ha K_2O; 20-50 kg/ha MgO; micronutrients as required

Plant Protection: *Pesticide strategies have to be fine-tuned with local advisory institutions.*