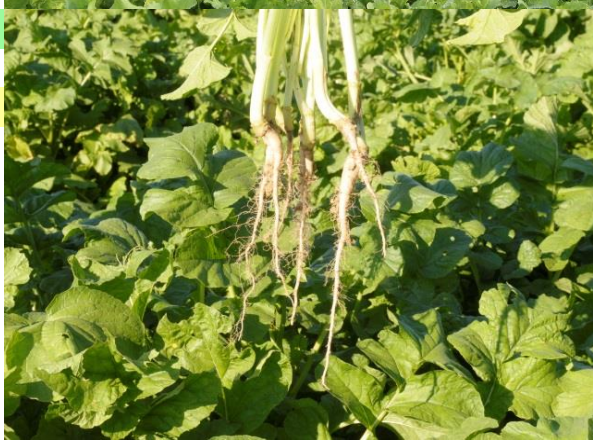
Variety Description

Variety DOUBLEMAX



Species	Fodder radish
Botanical name	Raphanus sativus
Ploidy	diploid
Seeding rate	25-30 kg/ha as catch crop
Distance between rows	as cereals
Sowing period	from July to late August
Sowing depth	2-3 cm

Agronomic figures*:

Susceptibility to Beet nematodes	1
Development after sowing	7
Inclination to flower	4
Tendency to lodging	3
Resistance to Meloidogyne chitwoodi	Yes

Clarification of figures*:
1: very early, very low / 5: medium / 9: very late, very high

*** Source:** Bundessortenamt [Federal Plant Variety Office] 2016

Variety description

Few varieties can boast 0.0% propagation rate of Meloidogyne chitwoodi – DOUBLEMAX is one of them. And with grade 1 for resistance to beet nematodes, it becomes a doubly perfect variety – for both the farmer and the land. DOUBLEMAX is the perfect choice, especially when it comes to cultivation of beets, potatoes or vegetables. Furthermore, DOUBLEMAX sprouts quickly after germination; combined with high stability and a low to medium inclination to flower, DOUBLEMAX is a variety like none other.

Most important characteristics

Dual resistance against beet nematodes and root-gall nematodes
Grade 1 resistance to beet nematodes (0.0% propagation rate of Meloidogyne chitwoodi)
Very low inclination to flower, despite extremely high mass development after sowing
Excellent weed suppression
Low tendency to lodging

Usage

Fodder radish is examined for resistance to both beet nematodes and root-gall nematodes. A variety is designated a ‘dual resistance variety’ if it exhibits resistance to both the nematode species. In addition, almost all fodder radish varieties are resistant to free-living nematodes; however, this property is not closely examined by the Federal Plant Variety Office. The term ‘multi-resistance’, which consistently comes up in agronomic contexts, is not commonly used or defined from a scientific persepective.