Nematode resistant White mustard

TOPAS

Effective nematode reduction due to long stimulating period

Benefits:

- High nematode resistance in the upper range of resistance level 2 - up to 90% reduction
- Combination of rapid initial development and late flowering ensures a long period of vegetative growth
- The remaining warmth of the soil can be effectively used for nematode control, at early sowing dates
- **TOPAS** is an important part in nematode control management in intensive sugar beet cultivation regions and contributes to the protection of the sugar beet yield
- As a vital and mass-vigorous variety **TOPAS** contributes to the weed suppression and increases the humus content of the soil
- Especially recommended for mulch sowing and water protection areas

Variety characteristics: (Officially confirmed or respectively in line with Bundessortenamt)

	bad / early / short / low — good / late / long / high / tall
Resistance against Heterodera schachtii	Resistance level 2
Initial mass formation	7
Tendency to flower	3
Stiffness	7

Breeder: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 20.09.2018 / 5.00

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TOPAS

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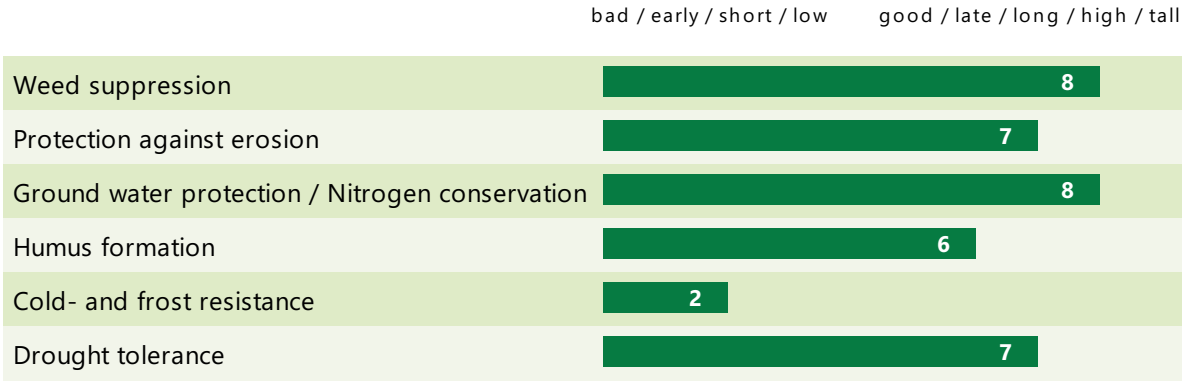
Usage:

Reduction of Beet Cyst Nematodes
Green manure
Ground water protection / Nitrogen conservation
Mulch sowing
Humus formation
Protection against erosion

Crop rotation suitability:

	+ suitable / ++ strongly recommended
Maize	++
Cereals	++
Oilseed rape	
Sugar beets	++
Potatoes	
Intensive crops	
Legumes	++

Agronomic features:



Type of root	Tuft root with strong main root
Rooting depth	120 cm

Cultivation recommendations:

Recommended sowing rate	20 - 25 kg/ha
Sowing depth	1 - 2 cm
Sowing period	August until September - depending on location! Early sowing increases control success.
Fertilization	40 - 60 kg N/ha
Crop protection	Usually there is no plant protection required
Sowing method	Low requirements regarding sowing method: spreader or seed drilling

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