

Nematode resistant oil radish

COLONEL

Top level of nematode control



Benefits:

- Best results in resistance tests against Beet Cyst Nematodes - more than 90 % reduction in official tests
- **COLONEL** is highly effective and reduces the nematode population under the damage threshold - even a minor presence of nematodes can be reduced effectively
- Dense foliage for effective weed suppression due to a strong and healthy youth development
- The characteristic change from the vegetative to the generative development increases the frost susceptibility and leads to an even mulch layer
- Perfectly suitable for sugar-beet/potato crop rotations due to its inhibiting effect on the Tobacco Rattle Virus (cause of Corky Ring Spot)
- **COLONEL** transforms available nutrients into a rich mass of organic matter which is favorable for a stabilized humus balance
- Excellent suitability for agricultural blends

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

	bad / early / short / low	good / late / long / high / tall
Resistance against <i>Heterodera schachtii</i>	Resistance level 1	
Initial mass formation	5	
Tendency to flower	5	
Stiffness	6	

Breeder: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 30.07.2019 / 27.00

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Usage:

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

Crop rotation suitability:

+ suitable / ++ strongly recommended

Maize	++
Cereals	++
Oilseed rape	+
Sugar beets	++
Potatoes	++
Intensive crops	+
Legumes	++

Agronomic features:

bad / early / short / low good / late / long / high / tall

Weed suppression	9
Protection against erosion	8
Ground water protection / Nitrogen conservation	8
Humus formation	8
Cold- and frost resistance	5
Drought tolerance	7

Type of root	Tap root
Rooting depth	180 cm

Cultivation recommendations:

Recommended sowing rate	25 - 30 kg/ha
Sowing depth	2 - 3 cm
Sowing period	Mid July until early September - depending on location! Early sowing increases successfully the reduction
Fertilization	40 - 60 kg N/ha
Crop protection	Usually there is no plant protection required.
Sowing method	In order to gain a fast and even development of the oil radish plants, drilling after careful soil preparation is recommended.

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