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TRIANGEL

Double resistant

Oil seed radish





TRIANGEL: Double resistant oil seed radish

Oil seed radish

Oilseed radish is a radish that is especially used for cover crops and nematode control. Joordens Zaden has several varieties which all have resistance to different nematodes. Oil seed radish has long tap roots with a wide spread root system which improves the soil structure. Most of the oil seed radish varieties are frost resistant up to minus 6 degrees Celsius.

TRIANGEL

TRIANGEL has been specially bred to reduce nematodes. It has a combination of the resistance to beet-cyst nematodes (Level 2) and root-knot nematode *Meloidogyne chitwoodi*. TRIANGEL will produce a long tap root up to 2 meter deep, which will improve the soil structure and it is frost resistant up to minus 6°C. TRIANGEL is very leafy at the early stages of growth, and is easily incorporated for maximum nematode control. TRIANGEL flowers late and will not set seed when sown in late summer or early autumn.

Identity

Countries of inscription: the Netherlands and Germany

Agronomic criteria

- Very good early vigour and soil cover
- Extreme lateness in flowering, in spring and autumn drilling
- After cutting, excellent regrowth
- No lodging noticed

Morphology

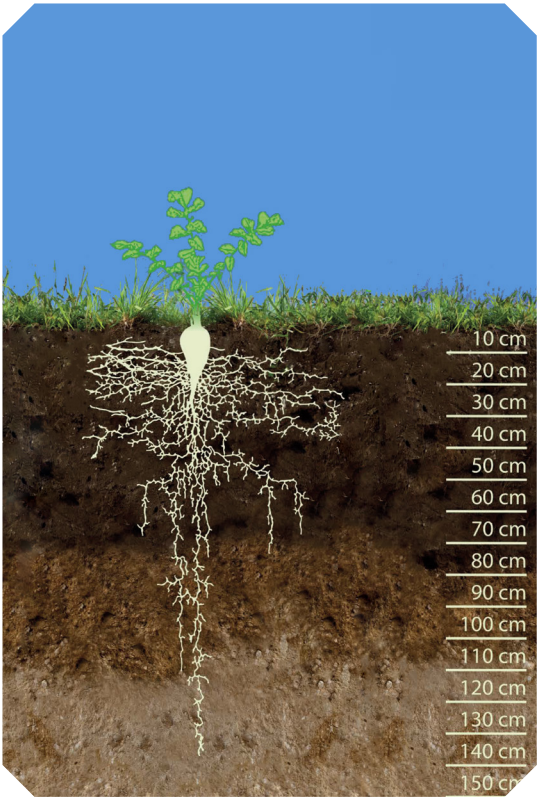
- Short plant, leaves in a rosette
- Leaves are dark green
- Colour of flower: white/violet
- Average size of tuber

TRIANGEL is resistant to:

- *Heterodera schachtii* (Beet cyst nematode BCN) Level 2
- *Heterodera betae* (BCN)
- *Meloidogyne chitwoodi* (root knot nematode RKN)
- *Paratrichodorus allius* (stubby root nematode)

TRIANGEL is non-host to:

- *Globodera rostochiensis* and *G. Pallida* (Potato cyst nematodes PCN)
- *Heterodera avenae* (cereal cyst nematode)
- *Heterodera goettingiana* (pea cyst nematode)
- *Meloidogyne naasi* (cereal root knot nematode RKN)
- *Ditylenchus destructor* (potato tuber nematode)
- *Pratylenchus scripnerie* (Scribner's lesion nematode)
- Tobacco rattle virus (TRV)



Sowing advice TRIANGEL

Oil seed radish – <i>Raphanus sativus</i> - Bladrammenas - Ölrettich - Radis oléifère				
Sowing rate	Season	Sowing depth	Row distance	Fertilizer
Heavy soils: 25kg/ha Light soils: 20 kg/ha	Spring till late summer	1-2 cm	Like cereals	After cereals: 60-80 kg N/ha Sandy soils: 40kg N/ha 1 month after emerge: 40 kg N/ha

Dutch recommended list oil seed radish

Varieties	Resistance to <i>Heterodera schachtii</i>	Resistance against <i>Meloidogyne chitwoodi</i>	Speed of covering the soil	Flowering time (high figure = late flowering)	Tuber building (high figure = less tuberos)	Relative length (100 = 104 cm)	Resistance to <i>Alternaria</i>	Regrowth after cutting
TRIANGEL	0.1-0.3	R*	8	8.5	7.5	111	7	7
TERRANOVA	0.1-0.3	R	7.5	8.5	6	106	6.5	7
DRACULA	0.1-0.3	R	6.5	9	8.5	55	4.5	7
ANACONDA	0.1-0.3	R	8	7.5	7	144	7	6.5
CONTROL	0.1-0.3	R	8	8.5	8.5	111	7	7
VALENCIA	0.1-0.3	R	8	8	8.5	155	7	6
MERKUR	0.1-0.3	R	8	8	8	145	7.5	6.5
MELOTOP	0.1-0.3	R	8	8.5	7	151	7	6.5
RADETSKY	0.1-0.3	R	7	8.5	7.5	104	7	7.5
TAJUNA	0.1-0.3	R	7.5	7.5	8	122	6.5	6
JORBA	0.1-0.3	R	7.5	8.5	8.5	136	7	6
GERON	0.1-0.3	R	8	7	9	146	7.5	6

After: Dutch recommended variety list 2018; DELPHY Wageningen
* Based on research German variety list 2017