



Maximus

Fodder Radish

Maximus fodder radish is a late flowering (50% white and 50% purple colored flowers) variety with high resistance (resistance class I) to *Heterodera schachtii* (beet cyst eelworm, sugarbeet nematode). Besides its ability to reduce sugarbeet nematodes, **Maximus** has also demonstrated the ability to reduce soybean cyst nematodes that plague soybean growers all over the country. **Maximus** has fast seedling development and a deep, well developed root system which reduces soil compaction and improves tillage as it burrows deep into the soil profile. Aside from its ability to reduce nematodes and reduce compaction, **Maximus** also provides many other fine traits as a covercrop. It has the ability to smother out weeds, it can mine for nutrients or utilize leftover nutrients from the previous crop and then depositing them in the upper soil profile ready for use by the next crop. **Maximus's** rapid initial development can produce a high amount of dry matter yield especially with a generous supply of nitrogen making it well suited as a biofumigant for cover cropping as well as grazing situations and as a green manure plus its "rotten egg" smell is significantly reduced over that of daikon radishes.

APPLICATIONS

- Biofumigant for control of *Heterodera schachtii* (beet cyst eelworm, sugar beet nematode).
- Well suited for erosion control, weed control and soil tillage improvement
- Excellent for grazing, either for livestock or wildlife

MANAGEMENT

- Seeding Rate (Drilling): 10-12 pounds per acre
- Seeding Rate (Broadcast/Aerial): 12-15 pounds per acre
- Seeding Rate (In mixtures): 4-5 pounds per acre
- Planting Depth: 1/4—1/2 inch

FEATURES

- Excellent biofumigant and resistance properties (class I resistance)
- Late maturity
- Long slender taproot

BENEFITS

- Reduces white beet cyst eelworm and yellow sugar beet nematodes
- Allows for added root and top growth
- Aids in reduction of soil compaction

PERFORMANCE INFO

% Reduction In Nematodes		SOYBEAN DATA	
Variety	2Yr Mean	Variety	Ave. Number of SCN + Cysts/Cell
Maximus	91.1	Maximus	0.0
Defender	89.5	Archer Soybean	762.0
		PI 88788 Soybean	418.5

From Germany's Federal PVP Office

Sugarbeet nematodes infect many different plants. Small concentrations of nematodes can have a significant effect on crop yields. By growing resistant varieties such as **Maximus** for 2-3 years between regular crop plantings, nematode levels can be dramatically reduced.

From Mich. St. Univ.

Cones were inoculated with a given amount of SCN juveniles. After 40-45 days, plants were terminated and the number of SCN and Cysts were counted.

AVAILABLE THROUGH



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