

NitroRadish[®]



NO-TILL

**PRODUCT OF
THE YEAR**

2015

THE PREMIUM COVER CROP RADISH.

NitroRadish AS A COVER CROP



NitroRadish® is a selection of daikon radish that has been chosen for use as a cover crop. It provides many helpful benefits to the grower, the soil, and the environment. It germinates and grows quickly; has a large, deep penetrating tap root; dies over the winter (in cold climates); decomposes quickly; has high nutrient content, and contains bio-active plant chemicals. It has the ability to recycle nutrients which will improve your soil quality and economic crop production.



"We've been very pleased with improved soil health, huge financial benefit, and the quality of the NitroRadish."

Gabe Brown
Brown's Ranch
Bismarck, North Dakota

"NitroRadish is designed to be used as a cover crop. It has a perfect balance between just the right amount of top growth, as well as a massive tap root that goes down and breaks up any compaction we may have."

Scott & Fred Myers
Woodlyn Acres Farm

NitroRadish USES

NitroRadish is fast growing, cool season cover crop, ideal for planting in the late summer or early fall. Significant amounts of nitrogen can be captured when planted 30 to 60 days before the first average killing frost date. NitroRadish can work very well in a blend with other cover crops. It winter-kills when temperatures dip into the teens for a few nights, eliminating the need to be terminated in the spring. Southern areas will require herbicides on tillage to control. Nothing mellows the soil better than a NitroRadish!

PLANTING INSTRUCTIONS

NitroRadish can be planted with a drill or a planter for the most consistent results. Rates as low as 2 pounds per acre can be achieved when planted in 30" rows using seed discs to singulate the seed. When drilling, it is recommended to use 5-8 pounds per acre and increase to 10-14 pounds per acre when broadcasting from the ground or aerially. Rates can be fine tuned according to the extent of seed to soil contact.

BENEFITS OF NitroRadish

NitroRadish, a tillage-type radish designed for maximum benefits in cover crop programs, is one of the most versatile and beneficial cover crop products available.

PROVEN DEEP TAPROOT IMPROVES SOIL TILTH

The NitroRadish root can grow to depths of more than 30 inches deep allowing the roots to reach water and nutrients in the subsoil. NitroRadish performs well under drought conditions. The large taproot helps to break-up the compacted soil layers. Late winter or early spring, the taproots break down, leaving holes in the

ground that assist in water infiltration and rooting of the next crop. These roots also reach deep into the soil profile and gather "leftover, unused, residual" nutrients and bring them to the surface to be used by the next cash crop.

RECYCLES NUTRIENTS

With its fast-growing ability, the biomass of the NitroRadish recycles the excess soil nutrients. The NitroRadish will easily decompose, leaving the soil rich in nutrients, and increasing your soils organic matter levels. These nutrients are beneficial to your spring crop. The

recycled nutrients may allow for a reduced amount of fertilizer needed the next year—increasing profits!

GOOD WEED SUPPRESSION

With its fast germination and vigorous growth, NitroRadish outcompetes weeds for space, light, nutrients and moisture. This can potentially help save on herbicides and cultivation. Using a drill and 10-12 pound per acre seeding rate will give outstanding weed control!

IMPROVED WATER INFILTRATION

The roots of the NitroRadish will leave behind large holes in the soil, leaving an opening in the soil allowing rainwater to easily soak in. Also, this aerated soil warms up quicker in the spring creating better conditions for planting. Excess nutrients in manure amended soil are rapidly absorbed by this cover crop, thus preventing leaching or runoff of nutrients into watersheds.





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