

NUTRI-SAVER COVER CROP

Key Features

NUTRI-SAVER cover crop blend is specifically designed to capture and hold nutrients in place for your next cash crop. It offers the diversity of Annual Ryegrass, Radishes, Barkant Turnips, and Barsica Rapeseed. With this mix you will see a rapid growth in late summer which continues throughout the fall season. By extending the growing season of your fields, you are able to capture and store the energy from the sun in your soil. This also aids you to sequester carbon.

- ▶ Great diversity for soil biology and building soils.
- ▶ Compaction reduction with radish and annual ryegrass.
- ▶ Excellent weed suppression.
- ▶ No need for fall tilling with NUTRI-SAVER due to rapid breakdown.
- ▶ Spring termination plan is a must in areas where it does not winterkill.

Seeding Rate

- ▶ 20 lbs/acre aerial.
- ▶ 16 lbs/acre broadcasting.
- ▶ 14 lbs/acre drilling.

Planting Time

- ▶ Mid-July through Mid-September

Management Keys

Nutri-Saver will help build soil mass by adding organic matter, capturing nutrients, breaking compaction, and giving excellent soil tilth. With the three brassicas in the mix, producers will get a quick and thick ground cover. This helps to prevent weed growth, and has the ability to break down rapidly in the spring. This brassica mix will return nutrients that are stored back into the soil for your next crop to utilize. Prairie Creek Seed chose to add Rootmax™ Annual Ryegrass in the mix due to the long list of benefits such as decreasing Soybean Cyst Nematode, improving water infiltration, excellent weed suppression, soil improvement, nutrient recycling, nitrogen recovery, erosion control, and drought resistance. Unlike other varieties of annual ryegrass, Rootmax™ has proven to be one of the easier varieties to control as it comes more uniform in the spring; if it does survive the winter. Other varieties can come up in multiple stages making it tough to eradicate. Nutri-Saver can break down rapidly in the spring and should be relatively easy to plant directly into if desired. This mix does have a very high likelihood of winter kill in the Northern Plains, but if it does overwinter it will be easy to handle in the spring.



Components

Rootmax™ Annual Ryegrass
Pick Axe Radish
Barkant Turnip
Barsica Rapeseed

Usage Reference

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|---------------------------|---|
| Summer N Fixation | 1 |
| Fall N Scavenging | 5 |
| Speed of Nutrient Release | 4 |
| Wind Erosion | 5 |
| Water Erosion | 5 |
| Compaction Alleviation | 5 |
| Organic Matter Builder | 3 |
| Winter Survivability | 2 |
| Graze | 3 |

Scale 1-5 (1 = Poor, 5 = Excellent)

