

AGRI-VANTAGE COVER CROP

Key Features

Agri-Vantage is a cover crop blend that is specifically designed to capture and hold nutrients in place for the next cash crop. It offers diversity through the various species within the mix, such as Winter Cereal Rye, Pick Axe Radishes, Barkant Turnips, and T-Raptor Rapeseed. This blend has rapid growth during the late summer which continues throughout the fall season. By extending the growing season in the fields more energy from the sun can be captured and stored. This also aids in sequestering carbon.

- ▶ Great diversity for soil biology and building soils.
- ▶ Compaction reduction with radish and rapeseed.
- ▶ Excellent weed suppression.
- ▶ Keeps a living root in the ground in most of the "off season"
- ▶ Spring termination plan is a must as winter cereal rye will come back in the spring.

Seeding Rate

- ▶ 100-110 lbs/acre for forage
- ▶ 55-80 lbs/acre aerial.
- ▶ 50-70 lbs/acre broadcasting.
- ▶ 45-60 lbs/acre drilling.

Planting Time

- ▶ Mid-July through Late-September

Management Keys

Agri-Vantage will help build soil mass by adding organic matter, capturing nutrients, breaking compaction, and giving excellent soil tilth. With the three brassicas, they 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 blend will return nutrients that have been stored back into the soil for the next crop to utilize. With the Winter Cereal Rye in the mix it will grow late in the fall and come back to life immediately in the spring once the soil hits 38°. Agri-Vantage will aid in improving water infiltration, provide excellent weed suppression, soil improvement, nutrient recycling, nitrogen recovery, erosion control, and drought resistance in following years. Winter rye will need to be managed in the spring. It has become extremely popular to no-till soybeans into standing covers and then burn down the rye following planting. This practice is helping to slow some of the resistant weeds we are left dealing with. Corn can be planted into living covers as well but it is crucial to use a starter in furrow, and terminate early.



Components

Winter Cereal Rye
Pick Axe Radish
Barkant Turnip
T-Raptor Hybrid Rapeseed

Usage Reference

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

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

