

NITRO COVER CROP



Key Features

Nitro is a blend of five different clovers and radish. This blend is formulated to offer diversity and build nitrogen (N). The radish scavenges free nitrogen and other nutrients in the soil to hold and then release in the spring. The clovers are a mix of winter hardy and active clovers. This allows for clover to build more nitrogen in the spring before termination.

- ▶ As a cover crop that has a high probability of overwintering, termination will be necessary. This “plowdown” or simply sprayed-out cover will be a slower release of nitrogen back to the next crop.
- ▶ The combination of radish and clover balances nutrient release and works great for a corn or grass crop to follow.

Seeding Rate

- ▶ 10-12 lbs/acre aerial.
- ▶ 8-10 lbs/acre broadcasting.
- ▶ 6-8 lbs/acre drilling.
- ▶ 6-8 lbs/acre precision planting.

Planting Time

- ▶ Early Summer through early Fall

Management Keys

Nitro offers excellent N production and diversity. It is a good option to use prior to a corn or other high N using cash crops. Nitro is a great blend that can be used at early interseeding in corn or following a small grain. This blend was developed to take advantage of all of these different clovers to help build soil health and fix N.

Components

Radish
Red Clover
Crimson Clover
Berseem Clover
Balansa Clover
Alsike Clover

Usage Reference

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

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

