

Early Veggie N-Boost Mix

The **Early Veggie N-Boost Mix** was developed for vegetable growers that have any early harvested crop, such as beans or sweet corn, in their rotation. Planting a fall cover crop in mid-August provides an opportunity to maximize cover crop growth and see additional benefits. This mix includes species not normally used in fall cover crop mixes in New Hampshire, such as daikon radish and phacelia, due to timing restrictions. This particular seed mix was developed to:

- Fix nitrogen for crop growth (legumes)
- Take up excess nutrients
- Increase soil organic matter
- Reduce compaction

The extended fall growth window provides time for the legumes, both crimson clover and hairy vetch, to fully establish and fix nitrogen for crop growth. Nitrogen production is maximized if the mix is allowed to grow in the spring until the legumes flower. This will likely occur around late-May, with the clover blossoming first. **Terminate the cover crop before the legumes set seed.** The trial will test the viability of the seed mix and several new species across the state. To ensure the trial is valuable, we ask the following:

- **PLANT ON TIME.** The target seeding date is August 15th.
- **ENSURE GOOD SEED TO SOIL CONTACT.** Plant around 3/4 inch deep. Please either drill the seed or prepare a seedbed using a disc harrow, then broadcast the seed and lightly disc to incorporate.
- **PLANT AT THE RECOMMENDED RATE.** Seed at 75 lbs/acre. A part of the trial is to test the effectiveness of the recommended seed rate. Do what you can to seed at the correct rate.
- **TAKE PICTURES.** Please document the growth of the cover crop with photos. If you don't have a camera, let us know and we're happy and take photos for you.

Cover Type	Species	lbs/ac	% of Mix
Brassicas	Daikon Radish	0.5	1.0%
Clovers	Crimson Clover	9	18.4%
Cool Season Legumes	Hairy Vetch	9	18.4%
Cool Season Grasses - Grains	Forage Oats	16	32.4%
Cool Season Grasses - Grains	Winter Wheat	14	28.7%
Cool Season Broadleaf - Diversity	Phacelia	0.5	1.0%
<i>Inoculant needed for soybean and cowpea</i>		50	100%

Please contact us with any questions or status updates:

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