

## Summer Soil Builder Mix

The **Summer Soil Builder Mix** was designed to maximize the soil health benefit of summer rest rotations, which is a cropping technique where the land is rested by growing cover crops during the growing season. This method rejuvenates the soil after crop production and tillage induced problems -- compaction, surface crusting (poor aggregate stability), and reduced infiltration rates. This particular seed mix was developed to:

- Increase soil organic matter
- Break pest cycles and smother weeds
- Reduce compaction
- Fix nitrogen for crop growth (legumes)

To prevent reseeding, the mix should be **terminated by mowing or tillage prior to setting seed**. Monitor the cover crop closely for seed set in all species. Minimize tillage as much as possible to improve soil health. All species will winter kill if allowed to grow into fall and winter.

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.** This mix requires warm soils ( >60°F ). Plant early- to mid-June in most of NH.
- **ENSURE GOOD SEED TO SOIL CONTACT.** Plant around 1 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.** Plant at 50 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	Hybrid Turnip	1.5	3%
Warm Season Grasses	Sorghum-Sudangrass	4	8%
Warm Season Grasses	Japanese Millet	4	8%
Warm Season Broadleaf - Less Competitive	Dwarf Sunflower	3	6%
Warm Season Legumes	Sunnhemp	5	10%
Warm Season Legumes	Forage Soybean	12	24%
Cool Season Grasses - Grains	Forage Oats	20	40%
<i>Inoculant needed for soybean and sunnhemp</i>		<b>50 lbs/ac</b>	100%

Please contact us with any questions or status updates:

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