



SILVER BULLET BLEND

Cover Crop Seed Mix



Cover crop seed mix designed to mitigate the challenges of dealing with crop residue. Helps build soil organic matter. Plant biomass and root exudates feed soil microbes. Roots fix and mine essential nutrients from the soil and atmosphere.



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of Sheet for
**Species
Variety
Benefits**

SILVER BULLET BLEND:

- 20% Annual Ryegrass
- 15% Yellow Blossom Clover
- 20% Winter Peas
- 15% Trophy Rape
- 20% Crimson Clover
- 10% Fracking Radish

General Benefits of Silver Bullet Blend

- Mix specifically designed to mitigate the challenges of dealing with crop residue – no chemical spraying necessary and it will easily incorporate with the soil and not germinate later in the growing cycle
- High biomass production for green manure benefits. High protein crops for rapid breakdown.
- Varieties maximize nitrogen fixation and phosphorus extraction
- Prevents erosion, increases water percolation, and reduces compaction
- Tolerant varieties can withstand various conditions like drought, extreme cold, or saline soils
- Creates habitat for beneficial insects and pollinators
- Feeds soil microbes and build soil organic matter

Care Recommendations

- Mow to stimulate root exudation to feed soil microbes
- Minimize tillage using vertical till or strip till to minimize disruption of soil microbial and fungal communities
- Minimize herbicide spray to kill back cover crop to protect soil microbes
- For use in both permanent tree and vine crops and row crops
- Pre-inoculated with Rhizobium bacteria for enabling legume plants to fix nitrogen

Seeding Rate and Price: 25lb/ac, \$1.25/lb



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SPECIES VARIETY BENEFITS

Annual Ryegrass

Dense roots catch excess nitrogen and help break up hard soils. Acts as nurse crop to fall legumes. 20% protein.



Winter Peas

Nitrogen-fixing legume, reduces the amount of fertilizer needed. Blooms attract bee pollinators. Top N producing legume. 20-30% protein.



Fracking Radish

Deep rooted forage radish, helps break up tough, compacted soil, improves water filtration, suppresses weeds, stores nitrogen. 30% protein.



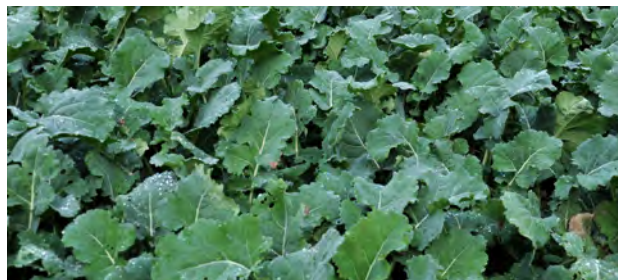
Yellow Blossom Clover

Nitrogen fixing legume, reduces the amount of fertilizer needed. Nutrient scavenger brings potassium, phosphorus and nitrogen to the surface of the soil. This drought-resistant clover is a vigorous grower, withstanding many conditions. It is a great source of pollen and nectar for honeybees and other native pollinators. 15% protein.



Trophy Rape

Brassica with deep, fibrous root system, scavenging both nitrogen and soluble phosphorus. Fixes nitrogen. Strong biomass production and winter hardiness. 14% Protein



Crimson Clover

Nitrogen fixing legume reduces the amount of fertilizer needed. Nutrient scavenger, so it brings up nutrients from deeper in the soil. Crimson clover offers elongated, deep red blossoms to beneficial insects such as bees. 15-24% protein.

