

ENVIRONOC® 501

Crop Residue Digester



Undigested residue is a physical tie up of your investment dollars. Recycle your nutrition and turn residue into a valuable resource for next year's crop.

Environoc 501 is the most complete and advanced tool for managing crop residue. It delivers enhanced residue breakdown powered by a 100% natural team of residue digesting microorganisms. **Environoc 501** degrades complex polymers such as Cellulose, Lignin, Chitin and related compounds. This enhanced biological breakdown allows drills and planters to slice through residue instead of bouncing over it; reduces hair pinning, promotes optimal seed placement, uniform emergence and an optimized stand. **Environoc 501** enhances the return of micro and macro nutrients from the residue to the soil and will help drive CO₂ cycling, promote higher yields and healthier soil. Deploy **Environoc 501** to reclaim your investment dollars currently tied up by residue in your fields.

GUARANTEED ANALYSIS:

Active Ingredients	Percent
Mixture of microbial strains	4.55% (nominal)
Bacillus amyloliquefaciens	1x10 ⁷ CFU/ml
Bacillus licheniformis	1x10 ⁷ CFU/ml
Bacillus subtilis	1x10 ⁷ CFU/ml
Cellulomonas cellasea	1x10 ⁵ CFU/ml
Chaetomium brasiliense	1x10 ³ CFU/ml
Chaetomium murorum	1x10 ³ CFU/ml
Pseudomonas putida	1x10 ⁸ CFU/ml
Pseudomonas stutzeri	1x10 ⁸ CFU/ml
Saccharomyces pastorianus	1x10 ⁵ CFU/ml
Streptomyces albidoflavus	1x10 ⁵ CFU/ml
Streptomyces ghanensis	1x10 ⁵ CFU/ml
Inert Ingredients:	
Ferment residue (non-animal)	0.35% (nominal)
Water	95.1%
Total	100%

APPLICATION INSTRUCTIONS:

For best results, shake before using since settling can occur. If combining with other products avoid having them mixed together for extended periods of time. Some chemicals can be detrimental to the microbes. If mixing with other products, it is best to mix shortly before the application (just in time). Perform a jar test to ensure compatibility.

Application

Dose

Frequency

Composting	6 oz per gallon of water	every 2 weeks, turn pile when applying
Turf	6 oz per 1,000 ft ²	1 to 2 times in Fall/Early Spring
Thatch	6 oz per 1,000 ft	1 to 2 times in Fall/Early Spring
Agriculture	16 to 32 oz per acre	1 time in Fall/Early Spring



It's recommended to apply Eubio-NBS (c10) at 10 oz per acre when applying Environoc 501 to crop residue. Eubio-NBS (c10) is a natural biological stimulant that will enhance the microbial crop residue digestion process. Applications with Pacific Gro (2.0-1.0-0.3) fish fertilizer, with high oils and protein, will enhance the fungal digestion of crop residue. Apply broadcast with 10 to 15 gallons of water as a carrier. Best results are achieved with no tillage or post tillage.

STORAGE: Store at room temperature or below. DO NOT FREEZE. Product may have a strong odor due to microbial activity. KEEP OUT OF REACH OF CHILDREN.



More from Every Acre, Animal & Gallon of Manure

Environoc 501:

- Crop residue. Stubble. Waste. The leftovers from last season's harvest could be considered a real nuisance. From increased fertilizer use to tire damage and fuel consumption, undigested residue is a physical tie up of your investment dollars.
- **ENVIRONOC 501** is a broadcast application utilizing high concentrations of more than two dozen naturally-occurring, viable, non-genetically modified beneficial microbe strains.
- When you end your season with an application of **ENVIRONOC 501**, you're already starting the next season off right. Not only are you increasing the workability of the soil and the ease of planting the next crop, but you're also helping to reduce wear and tear on your tires and equipment caused by typically tough crop residue.