



Turn Crop Residue into a **Soil Asset**

ENVIRONOC® 501 is a next-generation biological decomposer that accelerates organic matter breakdown, recycles nutrients, and builds long-term soil health - fast.

BY ALISRA AGRO SCIENCES



6 Reasons Agronomists Choose ENVIRONOC® 501



Faster Residue Breakdown

Rapidly decomposes wheat straw, rice straw, cotton stalks, maize residues, and sugarcane trash.



Improved Nutrient Recycling

Converts bound organic matter into plant-available nutrients ready for the next crop cycle.



Enhanced Compost Quality

Accelerates composting timelines and supports consistent, high-quality compost output.



Stronger Soil Biology

Introduces beneficial microorganisms that drive active nutrient cycling and soil regeneration.



Easier Residue Management

Handles difficult organic waste materials that slow field preparation and planting windows.



Long-Term Soil Productivity

Builds organic matter turnover and sustained nutrient release season after season.



Where & How to Apply

ENVIRONOC® 501 delivers results across multiple agricultural systems at a consistent, economical rate of **1–2 Liters per Acre** or per Ton of organic material.

1

Crop Residues

Apply directly onto moist residues post-harvest. Irrigate or incorporate for best activation.

2

Compost Production

Apply evenly through feedstocks during pile formation or turning. Maintain 50–60% moisture.

3

Manure Treatment

Apply during composting or handling of poultry, dairy, and livestock waste operations.

4

Soil Regeneration

Apply via irrigation systems or directly to soil surface in regenerative agriculture programs.



What's Inside the Bottle

ENVIRONOC® 501 is a rigorously formulated liquid biological suspension targeting the full spectrum of organic compounds in agricultural systems - cellulose, lignin, proteins, starches, and lipids.

$\geq 3 \times 10^7$ CFU/mL

Total beneficial microorganisms guaranteed per milliliter

pH 6.0 – 8.0

Optimized for compatibility across diverse soil and organic environments

12-Month Shelf Life

Stable liquid suspension when stored below 25°C, away from direct sunlight

- ❏ Avoid mixing with disinfectants, fungicides, or antimicrobial products. Always conduct a compatibility test before tank mixing.

Available in **1L**, **5L**, **20L**, and bulk packaging to suit farm-scale through commercial composting operations.



Turn Organic Matter into Opportunity

ENVIRONOC® 501 by Alisra Agro Sciences is your biological partner for faster decomposition, smarter nutrient cycling, and healthier, more productive soils - season after season.

 **Website**

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