

Meet ENVIRONOC® 401 Max – Complete Biological & Soil Performance Blend

An integrated formulation combining Environoc 401 microbial concentrate, Environoc 501 concentrate and a humic source. Designed for growers who want to support soil biology, root-zone performance and organic-matter cycling through one convenient application. Suitable for field crops, vegetables, orchards and regenerative agriculture systems.

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Why Choose 401 Max?

Three complementary components. One integrated program.



Environoc 401 Microbial Concentrate

Supports beneficial microbial activity around the root zone and helps improve nutrient cycling.



Environoc 501 Concentrate

Supports the breakdown and cycling of crop residues and organic matter, helping return valuable material to the soil system.



Humic Source

Supports soil conditioning, nutrient efficiency and a more active root-zone environment.

Root-Zone Performance

Combines biological activity and soil-conditioning support for healthier root development and crop establishment.

Nutrient Use Efficiency

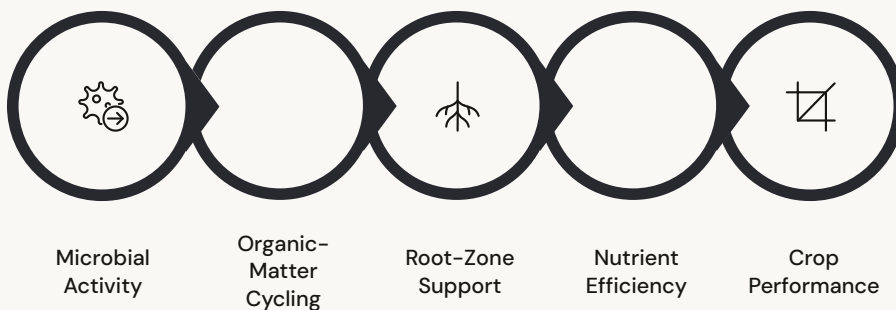
Helps crops make better use of applied fertilizer and nutrients already present in the soil.

Convenient All-in-One Application

Offers a broader biological soil-performance approach without requiring farmers to manage separate products.

How 401 Max Works

Environoc® 401 Max brings together microbial inoculation, organic-matter cycling support and humic-based soil conditioning in one formulation. After application, the blend is designed to support activity in the rhizosphere - the critical zone around plant roots where nutrients, microorganisms and roots interact.



The result is a more complete biological soil-performance program, supporting stronger crop establishment and more productive soil over time.

Product Information

Formulation: Liquid biological and humic blend

Key Components: Environoc 401 Concentrate + Environoc 501 Concentrate + Humic Source

Appearance: Dark brown liquid

pH: 6.0–8.0

Total Beneficial Microorganisms: $\geq 1 \times 10^7$ CFU/mL

Recommended Applications & Rates

Environoc® 401 Max is designed for flexible soil and root-zone application across major crop systems. Apply through irrigation, fertigation, soil drench, or directed root-zone application.



Field Crops

Cotton • Sugarcane • Wheat • Rice • Maize

Rate: 1–2 L/Acre



Vegetables

Potato • Tomato • Onion • Chili • Cucurbits

Rate: 1–2 L/Acre



Orchards & Vineyards

Citrus • Mango • Apple • Grapes • Dates

Rate: 2–3 L/Acre



Always conduct a compatibility test before tank mixing. Avoid direct combination with strong bactericides, disinfectants or highly alkaline products.

A Broader Biological Program in One Product

Choose Environoc® 401 Max when your objective is more than microbial inoculation alone. Its combined 401, 501 and humic-source formulation is designed to support soil biology, organic-matter cycling and root-zone performance in one convenient program.

Compatible With

Most fertilizer programs, humic and fulvic acids, amino acids, seaweed extracts, and biological nutrition programs. Always conduct a compatibility test before mixing.

Contact Alisra Agro Sciences

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Harnessing Biology for Sustainable Agriculture

Environoc® 401 Max is available in 1 L and bulk packaging - with a 12-month shelf life under recommended storage conditions (below 25°C, protected from sunlight). Store cool, shake well before use.