

Turn Every Fertilizer Granule Into a Biological Nutrient Engine

401 FertiBoost™ is a concentrated biological coating technology powered by Environoc® 401 — engineered to maximize fertilizer efficiency through targeted microbial activity at the granule level.

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What Is 401 FertiBoost™?

A liquid biological suspension applied directly onto granular fertilizers prior to field placement. Once soil-applied, beneficial microorganisms establish a biological zone around each granule — enhancing nutrient availability, root development, and fertilizer utilization from day one.



Nutrient Mobilization

Supports phosphorus availability and micronutrient accessibility



Root Development

Encourages stronger root growth and rhizosphere activity



Nutrient Cycling

Enhances biological activity around fertilizer placement zones

$\geq 1 \times 10^7$

CFU/mL

Total beneficial microorganisms per mL

2L

Per MT

Application rate per metric ton of fertilizer

12mo

Shelf Life

Under recommended storage conditions

5-Step Application Protocol

Uniform coating is critical to performance. Follow this field-ready sequence before every application.

01

Load Fertilizer

Place granular fertilizer into a mixer, blender, trolley, or clean mixing surface.

02

Dilute Product

Mix 2 L of 401 FertiBoost™ with 5–15 L of clean water per metric ton of fertilizer.

03

Spray Evenly

Apply diluted solution uniformly onto fertilizer while continuously mixing.

04

Confirm Coverage

Continue mixing until all granules are uniformly coated with no dry spots.

05

Apply Promptly

Place coated fertilizer into the field as soon as practical. Avoid prolonged sun exposure.

Broad Fertilizer & Crop Compatibility

Compatible with all major granular fertilizer types and a wide range of commercial crops — from large-scale commodity production to high-value specialty agriculture.



Field Crops

Wheat, Rice, Cotton, Maize, Sugarcane



Vegetables

Tomato, Potato, Onion, Chili, Cucurbits



Orchards

Citrus, Mango, Apple, Grapes, Dates,
Pomegranate



Fertilizer Compatibility: Works with DAP, NP, NPK, Urea, SOP, MOP, and blended programs. Conduct a compatibility test before large-scale blending operations.

Activate Your Fertilizer Program with Biology

401 FertiBoost™ is the precision biological tool for agronomists and technical sales professionals seeking measurable gains in fertilizer utilization efficiency, root zone health, and crop performance — without changing existing application equipment or workflows.

Product Specs

Liquid suspension · Dark brown · pH 6.0–8.0 · Store below 25°C · Do not freeze

Packaging

1 L · 5 L · 20 L · 200 L drums · Bulk packaging available

Share this post with agronomists and crop consultants looking to maximize fertilizer ROI.

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