Rootzyme



Oligosaccharide Bio Root-Growth Stimulant

Product Type: **BIO**

Product Overview

ROOTZYME is an oligosaccharide-based biostimulant designed to strengthen root development and overall plant growth from the earliest stages. It supports faster crop establishment, improves nutrient and water uptake, and helps plants cope with biotic and abiotic stress.
ROOTZYME is particularly valuable during nursery establishment, transplanting, and early crop development when strong root development is critical for long-term crop performance.

Suitable Crops

Plantation Crops
Coffee, Tea

Orchard & Fruit Crops
Avocado, Macadamia, Mango, Citrus, Banana, Passion Fruit

Field Crops
Maize, Sugarcane, Sweet Potato, Beans

How It Works

Root Zone Delivery
Applied around the root zone, often mixed with organic fertilizer or manure.

Root Proliferation
Oligosaccharide compounds stimulate cell division and root hair development.

Enhanced Uptake
A stronger and more extensive root system improves the plant's ability to absorb nutrients and water.

Key Benefits

- Strengthens root development and overall plant vigour.
- Encourages root proliferation and root hair development.
- Improves nutrient and water absorption capacity.
- Supports better nutrient-use efficiency.
- Helps crops withstand biotic and abiotic stress.
- Non-toxic to beneficial rhizosphere microorganisms.
- Particularly effective during nursery and transplanting stages.

Recommended Application

Method: Soil Application
Dose: 1.0 L/acre | 2.5 L/ha
Application: Mix with organic fertilizer or manure and apply around the root zone.

Best Time to Apply

Apply at planting, transplanting, or during early crop establishment when strong root development is required.

Field Recommendations

Combine with **AGRONEX** for a complete root development and soil restoration programme at the planting stage.

