Kalifix



Frateuria aurantia Bio Potash-Mobilizer

Product Type: **BIO**

Product Overview

KALIFIX is a biological potassium-mobilizing product formulated with Frateuria aurantia. It helps unlock potassium already present in the soil but chemically fixed within soil minerals, converting it into a plant-available form.
Improved potassium availability supports important plant functions and helps crops tolerate heat and drought stress.

Suitable Crops

Plantation Crops
Coffee, Tea

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

Field Crops
Sugarcane, Banana

Mode of Action

Mineral Dissolution
Frateuria aurantia produces organic and inorganic acids that dissolve potassium-bearing soil minerals.

Potassium Release
Acidolysis and chelation processes release fixed potassium into the soil solution.

Plant Uptake
Released potassium becomes available for root absorption and essential enzymatic functions.

Key Benefits

- Solubilizes and mobilizes potassium locked in soil minerals.
- Can reduce potash fertilizer requirements by 25–30%.
- Supports enzymes involved in photosynthesis and respiration.
- Improves crop tolerance to drought and heat stress.
- Organic certified and designed to support soil ecological balance.

Recommended Application

Application dosage and frequency should follow the finalized AgroNext technical recommendation.

Best Time to Apply

Apply during active crop growth when potassium availability is required to support crop development and stress tolerance.

Field Recommendations

Use as part of a biological nutrient management programme alongside nitrogen- and phosphorus-mobilizing products where a complete biological NPK approach is required.

