

Potassium Solubilizing Biofertilizer

Active Ingredient	: <i>Frateuria aurantia</i> , <i>Bacillus mucilaginosus</i>
Formulation Type	: Wettable Powder (WP)
Minimum Viable Count	: 1×10^9 CFU per gram
Mode of Use	: Seed Treatment / Soil Application/Drip Irrigation

PRODUCT DESCRIPTION

iGreen™ K is a microbial potassium-solubilizing biofertilizer containing selected strains of *Frateuria aurantia* and *Bacillus mucilaginosus*. These beneficial microorganisms release organic acids and solubilize potassium minerals in the soil, enhancing root activity and improving crop productivity.



MECHANISM OF ACTION



APPLICATION & DOSAGE

Seed Treatment	5 g per kg seed
Soil Application	0.5 - 1 kg per acre
Application Mode	Drip Irrigation / Drench
Best Application Stage	At sowing or early vegetative stage

TARGET CROPS: Cereals, pulses, oilseeds, vegetables, fruit crops, plantation crops, spices, medicinal plants, and horticultural crops including rice, wheat, maize, cotton, sugarcane, tomato, chilli, banana, grapes, and citrus.

TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Microorganism	<i>Frateuria aurantia</i> , <i>Bacillus mucilaginosus</i>
Minimum CFU	$\geq 1 \times 10^9$ CFU/g
Moisture Content	$\leq 8\%$
Contamination	Absent
pH (1% Suspension)	5.5 - 7.5
Shelf Life	12 Months

KEY BENEFITS



STORAGE & HANDLING

	Store in a cool, dry place
	Keep container sealed after use
	Protect from direct Sunlight and Moisture
	Avoid contact with Chemicals

SAFETY INFORMATION

	Wear gloves and mask during application		Wash hands after use		Avoid inhaling dust during handling		Keep out of reach of children
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