

Biofertilizer / Multi-Nutrient Microbial Consortium

Active Ingredient	<i>Bacillus polymyxa</i> , <i>Bacillus megaterium</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™ NPK is a multi-functional microbial biofertilizer containing beneficial rhizosphere microorganisms that improve nitrogen fixation, phosphorus solubilization, and potassium mobilization in soil. The microbial consortium enhances nutrient cycling, stimulates root development, and supports sustainable crop nutrition while improving soil biological activity



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>Bacillus polymyxa</i> , <i>Bacillus megaterium</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