

Zinc Solubilizing Biofertilizer

Active Ingredient	: <i>Bacillus subtilis</i> , <i>Bacillus megaterium</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™ Zn is a zinc-solubilizing microbial biofertilizer containing beneficial *Bacillus* species that enhance the availability of zinc in the soil rhizosphere. The microorganisms convert insoluble forms of zinc into plant-available forms through organic acid production and mineral solubilization. This improves micronutrient uptake, supports healthy plant metabolism, and enhances overall 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: Rice, wheat, maize, sorghum, millet, soybean, groundnut, mustard, cotton, sugarcane, potato, tomato, chilli, onion, banana, grapes, citrus, and other fruit, vegetable, and horticultural crops.

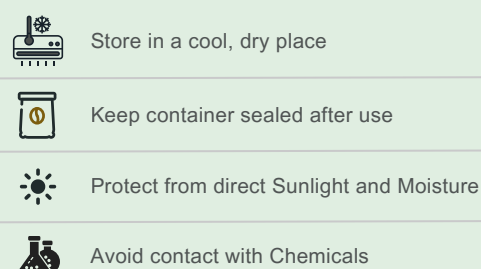
KEY BENEFITS



TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Microorganism	<i>Bacillus subtilis</i> , <i>Bacillus megaterium</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

STORAGE & HANDLING



SAFETY INFORMATION

