

Nitrogen Fixing Bacteria

Active Ingredient : *Azospirillum brasilense*, *Azotobacter chroococcum*, *Rhizobium sp.*

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 N is a microbial biofertilizer containing viable *Azospirillum brasilense*, a beneficial rhizobacterium that fixes atmospheric nitrogen, promotes plant growth, and enhances nutrient uptake.



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.

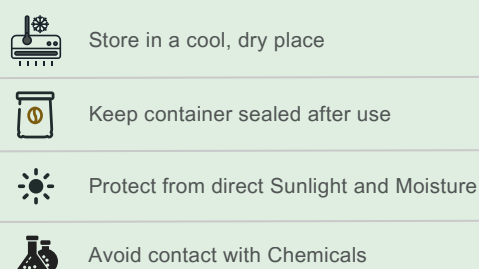
KEY BENEFITS



TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Microorganism	<i>Azospirillum brasilense</i> , <i>Azotobacter chroococcum</i> , <i>Rhizobium sp.</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



Wear gloves and mask during application



Wash hands after use



Avoid inhaling dust during handling



Keep out of reach of children



Kriya Biosys Private Limited



+91 63358 48466



www.kriya.ltd



info@kriya.ltd