BIOFUNGICIDE

STRONGER DEFENSE
STARTS AT THE ROOT.

PathoShield

BLOCK DISEASE.
PROTECT POTENTIAL.

PathoShield is an EPA-registered biological fungicide that protects corn and soybeans against key seedling diseases; *Fusarium*, *Pythium*, *Rhizoctonia*, and White Mold. Its living biology colonizes with the plant, creating an infection barrier around developing roots while helping prime the plant's natural defenses for lasting protection.



BLOCK DISEASES



PROTECT ROOTS



MAXIMIZE PERFORMANCE

BLOCK INFECTION.
PROTECT THE ROOTS.
DEFEND THE SEASON.

PROVEN RESULTS

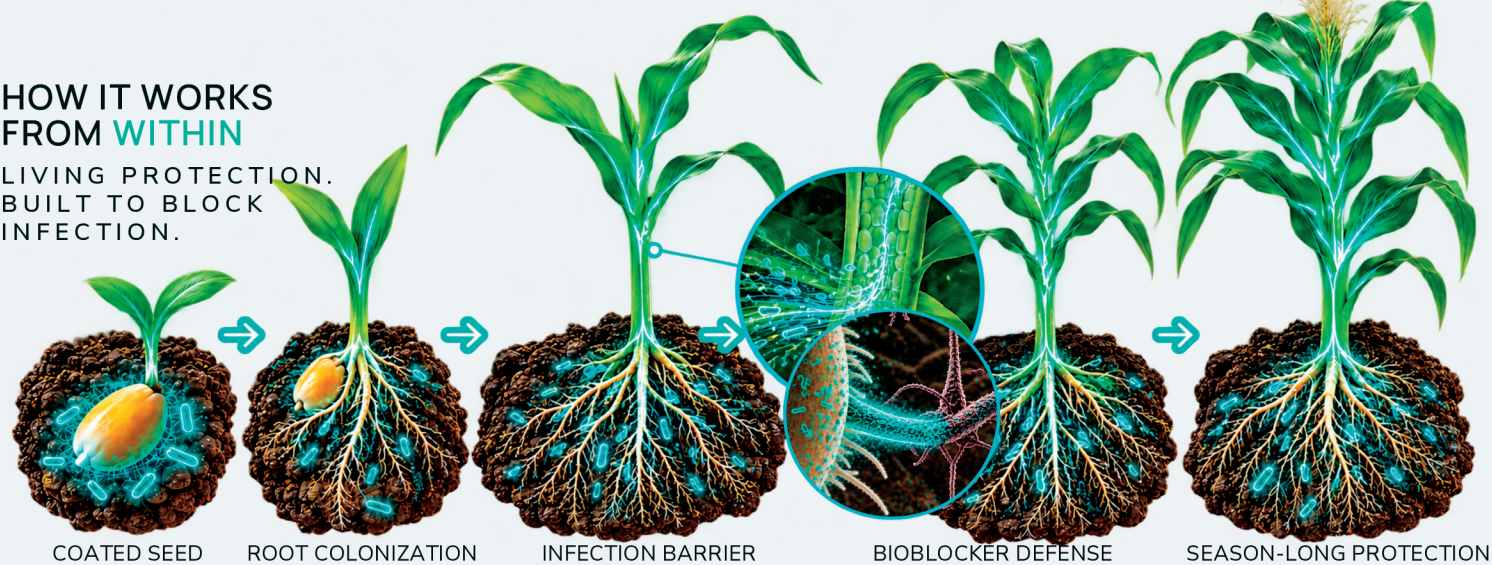
+4.2	78%	5:1
BU/AC UPLIFT*	WIN RATE*	ROI*

*2022 - 2025 avg across trials

FROM WITHIN.
FOR WHAT'S AHEAD.

HOW IT WORKS FROM WITHIN

LIVING PROTECTION.
BUILT TO BLOCK
INFECTION.



COATED SEED
Placing living biological protection where the developing plant needs it.

ROOT COLONIZATION
As the seedling emerges, PathoShield establishes within the developing roots.

INFECTION BARRIER
Colonized roots release PathoShield into the root zone, creating a barrier against invading pathogens.

BIOBLOCKER DEFENSE
When PathoShield encounters pathogens, it spreads along their hyphae & forms Bioblocker, a thick biofilm that helps prevent infection.

SEASON-LONG PROTECTION
Living biological protection continues with the plant while helping prime its natural defenses for lasting protection.



Untreated - Treated



Untreated - Treated

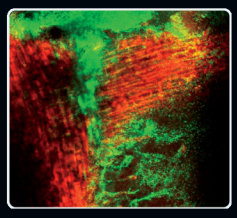


Untreated - Treated

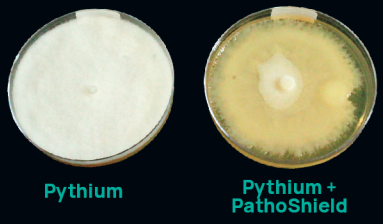


Untreated - Treated

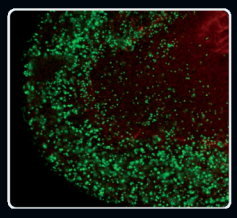
POWERED BY MULTI-MODE BIOLOGICAL DEFENSE



COLONIZE
Living biology establishes with the plant and expands with the developing roots.



BLOCK
PathoShield forms Bioblocker, a protective biofilm that helps stop fungal pathogens before they infect the plant.



PRIME
PathoShield colonization supports acetoin production, helping prime the plant's natural defenses.

PRODUCT SNAPSHOT

CROP	Soybeans & Corn
APPLICATION	Seed Treatment
KEY BENEIFITS	• Seedling Disease Protection • Root Protection • Multiple Modes of Action • Plant Defense Priming
PLANTING WINDOW	100 Days On-seed 24 Months within CLIPS
SHELF LIFE	24 Months at 68°F (22°C)

FORMAT	PKG TREATS	PKGS/ CASE	CASE	CASE TREATS	UNIT MEASURES
POUCH	50 units	5	5 x 50	250 units	50 lbs
CLIPS	50 units	6	6 x 50	300 units	50 lbs