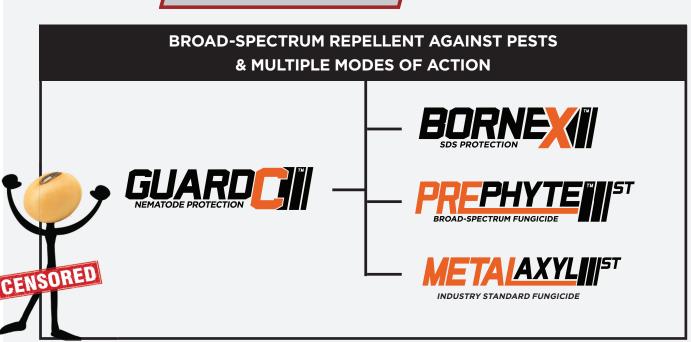


# DITCH THE SEED TREATER. **BUY NAKED BEANS.**

Farmers can now buy naked seed and use seed fluency through HT MaxStax to replace liquid seed treatment, providing them better financial options to drive for more bushels for less.









Guard C's active ingredient Fungal chitosan offers 3 modes of action to help seeds overcome environmental stress and aids in plant vigor.

Guard C showcases excellent results on targeting fungal issues, whereas traditional animal chitosan shows very little results (below).







Guard C + Borne X + Prephyte ST + Metalaxyl ST on left (two row plots) and Untreated Control (two rows) on right.







# **ULTIMATE SOYBEAN PACKAGE**

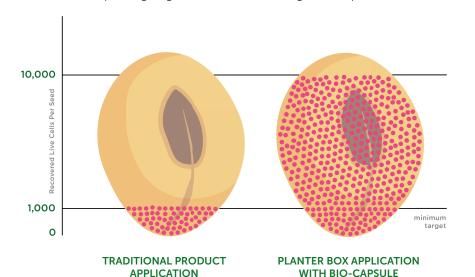
Hopper Throttle® MaxStax™ Soybean is a revolutionary combination of 16 crop inputs delivered seamlessly through an advanced planter box seed fluency system.

Powered by Meristem's patented Bio-Capsule™ Technology, farmers now have an easy-to-use system to replace costly traditional liquid soybean seed treatment.

**REPLANT: \$40/acre** Ask your sales rep about Meristem's \$40/acre replant on HT MaxStax Soybean

# **BIO-CAPSULE = MORE LIVE CELLS PER SEED**

To confirm even product distribution, seed lubricant plus the Revline® biological was applied per grower standard practice and through Bio-Capsule Technology. Ag Ingenuity Partners agronomists collected seed samples at various progress points during planting (20%, 50%, and 80% completion). Scientists then assessed the seed samples to confirm the living microbes found in Revline were evenly distributed across large-scale commercial fields. Over 10,000 live cells per seed were found at each planting stage when delivered through Bio-Capsule, 10 times more than traditional applications.



OVER 10,000 LIVE CELLS PER SEED AT EACH STAGE OF PLANTING



LIVE CELLS PER SEED

20% planted = 39,914 50% planted = 38,312

80% planted = 38.591

Bokmeyer, J. (2022). Microbial Delivery System Effectiveness on Seed Treatments: A field study of planter box delivery coverage on seed through commercial planter equipment. Indianapolis, IN, Ag Ingenuity Partners.



MORE BUSHELS FOR LESS







# 16 COMPONENTS

Co-packed with Borne X<sup>™</sup>, Guard C<sup>™</sup>, Metalaxyl ST and Prephyte<sup>™</sup> ST\*













## 1. Industry-Leading Bradyrhizobia Inoculant

Aggressive multi-strains of Bradyrhizobium for accelerated early season nodulation.



#### 2. Metalaxyl ST

EPA Reg No.: 94485-8

Industry-standard systemic fungicide for control of phytophthora and pythium.



### 3. Prephyte™ ST

EPA Reg. No.: 94485-5

Broad-spectrum, EPA-registered fungicide for prevention, control or suppression of many soil-borne diseases.



#### 7. Borne X™

EPA Reg. No.: 92311-6-94485

EPA-registered fungicide to prevent soil-borne fungal diseases such as Fusarium (causal agent for SDS) and Rhizoctonia.



#### 4. Revline®

Proven, industry-leading biostimulant PPFM strain that builds massive root structures & healthier plants.

# 5. Nitrogen-Fixing Microbes

6. Trichoderma



# **8. Protectis**™ Beauvaria Bassiana

A fungal strain that increases microbial activity and promotes plant vigor during periods of stress.



#### 9. Guard C™

Bionematicide containing Fungal chitosan to suppress nematodes

## **BASE PAIL - Seed Fluency blend**

- 10. Seed Fluency
- 11. lonLock™ Manganese (Mn)
- 12. lonLock™ Iron (Fe)
- **13. lonLock™ Zinc (Zn)** (replaces 1.5 qt Zinc 9% EDTA)
- 14. Active Carbon
- 15-16. Ether™ Enzyme Technology
  Lipase & Mannanase enzymes that increase
  biological activity & activate nutrient availability



VALUE IN THE PAIL: \$86.00/A

**REPLANT: \$40/acre** Ask your sales rep about Meristem's \$40/acre replant program on HT MaxStax Soybean

#### **DEFEND — TAKE COST OUT Farmer Traditional Hopper Throttle Farmer Traditional Liquid Seed Treatment: Bio-Capsule** MaxStax Soybean: **Liquid Seed Treatment: Cost Per Unit of** Technology **Components** Components Sovbeans Seeding Rate 140,000/AC Prephyte ST\* & \$10.00 2 Fungicides Metalaxyl ST\* Fungicide for Borne X\* & Guard C\* SDS control & nematicide \$15.00 for cyst protection \$3.00 **Protectis** Beauvaria Bassiana Industry-Leading \$3.00 Bradyrhizobia Inoculant Inoculant TOTAL DEFENSE VALUE: \$31.00/acre

OPTIMIZE — MAKE IT PAY			
Bio-Capsule Technology	Hopper Throttle MaxStax Soybean: <b>Components</b>	Plant Health & Yield Drivers: <b>Components</b>	Plant Health & Yield Drivers: <b>Cost</b>
	Revline	PGR	\$6.00
	Nitrogen-Fixing Microbes Trichoderma	Nitrogen Fixers & Nutrient Solubilizers	\$12.00
	Ether Enzyme Technology with Active Carbon	Starter: 6-24-6	\$24.00
	IonLock Zinc	1.5 qt Zinc 9% EDTA	\$6.00
	IonLock Mn & Fe	Mn & Fe	\$1.00
	Seed Fluency	Seed Fluency	\$1.00
	Seed cost savings by dropping seeding rate to 110,000/AC		\$5.00
TOTAL OPTIMIZATION VALUE: \$55.00/acre			