

# HOPPER THROTTLE® SOYBEAN MAXD™ PLANTER BOX TREATMENT

POWERED BY

**BIO-CAPSULE  
TECHNOLOGY**

INNOVATION DELIVERY SYSTEM

## THE ULTIMATE DEFENSE FOR SOYBEANS

Hopper Throttle® MaxD™ Soybean is a revolutionary biodefense solution to help farmers take cost out of their soybean program while managing yield-robbing pests and diseases.

Powered by Meristem's patented Bio-Capsule™ Technology, farmers now have an easy-to-use system to deliver multiple, EPA-registered control options to maximize soybean yields.

**Co-packed Guard C™, Guard X™, Metalaxyl ST and Prephyte™ ST\***

**PROTECTIS™**  
BEAUVERIA BASSIANA

**GUARD C™**  
NEMATODE PROTECTION

**BORNE X™**  
SDS PROTECTION

**PREPHYTE™ ST**  
BROAD-SPECTRUM FUNGICIDE

**METALAXYL™ 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.



### 4. 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.



### 5. Protectis™ Beauveria Bassiana

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



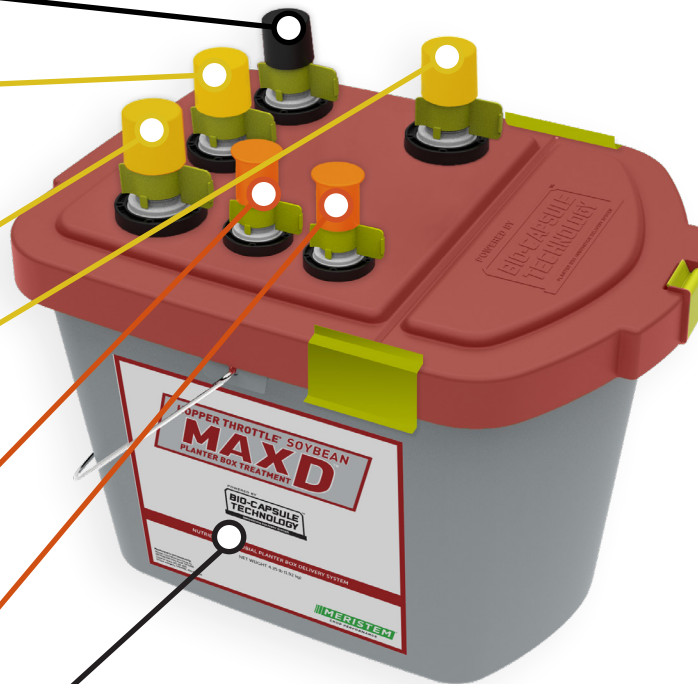
### 6. Guard C™

FIFRA 25b Exempt Product

Bionematicide containing Fungal chitosan to suppress nematodes while stimulating root and plant growth.

### BASE PAIL - Seed Fluency blend

7. Seed Fluency
8. IonLock™ Manganese (Mn)
9. IonLock™ Iron (Fe)
10. IonLock™ Zinc (Zn)  
(replaces 1.5 qt Zinc 9% EDTA)



**REPLANT: \$20/acre**






Ask your sales rep about Meristem's \$20/acre replant program on HT MaxD Soybean

**MERISTEM**  
CROP PERFORMANCE

**MORE BUSHEL FOR LESS**



## DEFEND — TAKE COST OUT

Bio-Capsule Technology	Hopper Throttle MaxD Soybean: Components	Farmer Traditional Liquid Seed Treatment: Components	Farmer Traditional Liquid Seed Treatment: Cost Per Unit of Soybeans Seeding Rate 140,000/AC
	Prephyte ST* & Metalaxyl ST	2 Fungicides	\$9.00
	Borne X* & Guard C*	Fungicide for SDS control & nematocide for cyst protection	\$15.00
	Protectis	Beauveria Bassiana	\$3.00
	Industry-Leading Bradyrhizobia Inoculant	Inoculant: Multi-strains of Bradyrhizobium	\$3.00
	IonLock Zinc	1.5 qt Zinc 9% EDTA	\$6.00
	IonLock Mn & Fe	Mn & Fe	\$1.00
	Seed Fluency	Seed Fluency	\$1.00
<b>TOTAL DEFENSE VALUE: \$38.00</b>			

\*Prephyte ST EPA Reg. No.: 94485-5 | Metalaxyl ST EPA Reg No.: 94485-8 | Borne X EPA Reg. No.: 92311-6-94485 | Guard C FIFRA 25b Exempt Product

## BROAD-SPECTRUM CONTROL AGAINST PESTS & MULTIPLE MODES OF ACTION



TREATED

CONTROL



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



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 (right).



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