



## 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.



### 1. Industry-Leading Bradyrhizobia Inoculant

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



### 2. METALAXYL

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



### 3. PREPHYTE™

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



### 4. BORNE X™

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



### 5. GUARD M™

EPA-registered insecticide for soybeans that targets seedcorn maggots and other secondary pests

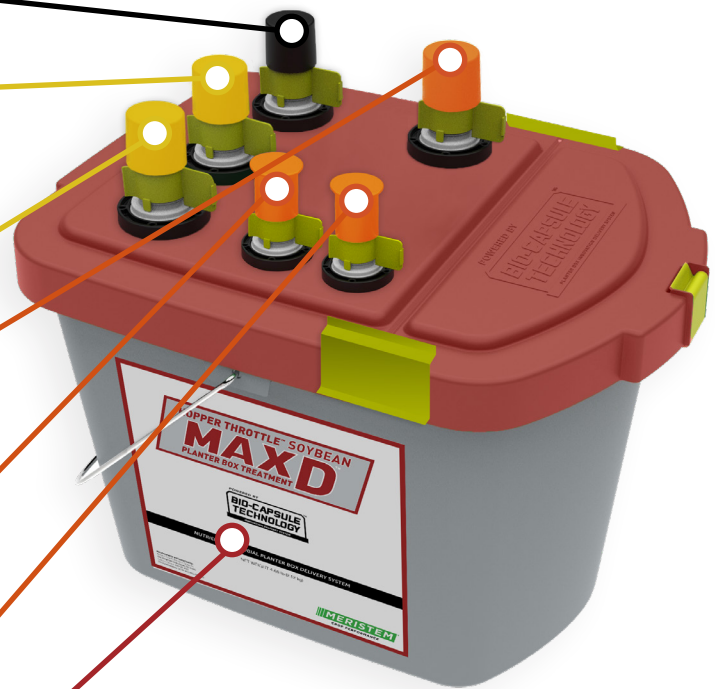


### 6. GUARD C™

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 MAXD Soybeans



# MORE BUSHEL'S FOR LESS



## DEFEND — TAKE COST OUT

BIO-CAPSULE TECHNOLOGY	HOPPER THROTTLE™ MAXSTAX™ SOYBEAN: Components	Farmer Traditional Liquid Seed Treatment: Components	Farmer Traditional Liquid Seed Treatment: Cost Per Unit of Soybeans Seeding Rate 140,000/AC
	PREPHYTE & METALAXYL	2 Fungicides	\$9.00
	BORNE X & GUARD C	Fungicide for SDS control & nematocide for cyst protection	\$15.00
	GUARD M	Insecticides	\$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>			

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



**TREATED**  
GUARD M 0.1oz/cwt



**UNTREATED CONTROL**

Stand loss is a result of heavy SCM pressure. Soybean following Corn and Rye CC.

14K more plants per acre with GUARD M protection

(Photos from Seedcorn maggot study, York NE)

**TREATED**



**CONTROL**



GUARD C + BORNE X + PREPHYTE + Metalaxyl 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 combat pathogens while stimulating root and plant growth.

GUARD C has shown excellent results on controlling Fusarium, whereas traditional animal chitosan shows very little results (right).



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