



## THE ULTIMATE DEFENSE FOR CORN

Hopper Throttle® MaxD™ Corn is a revolutionary biodefense solution to help farmers take cost out of their corn 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 corn yields.

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



### 1. Prephyte ST™

EPA Reg. No.: 94485-5

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



### 2. Guard X™

EPA Reg. No.: 95699-2-95552

Multiple-mode-of-action bioinsecticide to alleviate corn rootworm feeding.



### 3. Protectis™ Beauveria Bassiana

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



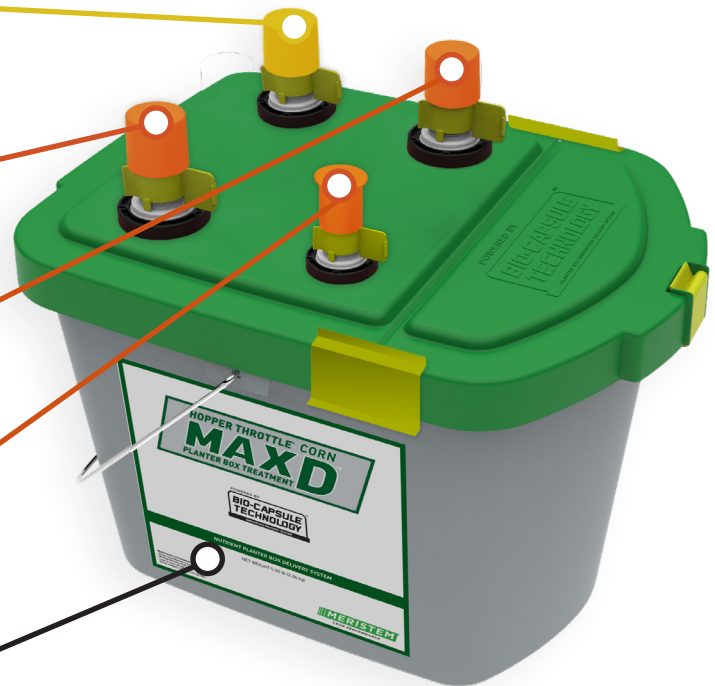
### 4. Guard C™

FIFRA 25b Exempt Product

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

### BASE PAIL - Seed Fluency blend





5. Seed Fluency
6. IonLock™ Manganese (Mn)
7. IonLock™ Iron (Fe)
8. IonLock™ Zinc (Zn)  
(equivalent to 1.5 qt Zinc 9% EDTA)



# MORE BUSHEL FOR LESS



## DEFEND — TAKE COST OUT

Bio-Capsule Technology	Hopper Throttle MaxD Corn: <b>Components</b>	Farmer Traditional: <b>Components</b>	Farmer Traditional: <b>Cost Per Unit of Corn</b>
	Prephyte ST*	In-furrow Fungicide	\$15.00
	Guard X*	CRW and broad-spectrum seedling pest and nematode protection	\$24.00
	Guard C*		\$4.00
	Protectis	Beauveria Bassiana	\$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: \$54.00/acre</b>			

\*Prephyte ST EPA Reg. No.: 94485-5 | Guard X EPA Reg. No.: 95699-2-95552 | Guard C FIFRA 25b Exempt Product

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

**PREPHYTE<sup>ST</sup>**  
BROAD-SPECTRUM FUNGICIDE

**+ 6 bu/ac avg.**

Across 40 plots at 10 trial sites, Prephyte ST (179.9 bu/ac) applied in-furrow had an average yield increase of +6 bu/ac compared to the untreated control (173.9 bu/ac).



CONTROL



TREATED

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



PDA

ANIMAL CHITOSAN

**GUARD C**  
NEMATODE PROTECTION

**GUARDX<sup>II</sup>**  
CRW PROTECTION + ROOT REGEN

**+ 8.8 bu/ac avg.**

In 65 multi-year, large plot field trials across 9 states, Guard X has shown an average yield increase of +8.8 bu/ac compared to grower standard practice. This average is an aggregate of trials with and without CRW pressure.



CONTROL

TREATED

**GUARDX<sup>II</sup>**  
CRW MANAGEMENT + ROOT REGEN  
\*paired with REVLINE®



CONTROL

TREATED

**GUARDX<sup>II</sup>**  
CRW MANAGEMENT + ROOT REGEN  
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**MERISTEM**  
CROP PERFORMANCE