

# HOPPER THROTTLE<sup>®</sup> SOYBEAN F+I

PLANTER BOX TREATMENT



## NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM



Co-packed with EPA-registered Guard M,<sup>™</sup>  
Metalaxyl ST, and Prephyte<sup>™</sup> ST\*

Hopper Throttle<sup>®</sup> Soybean F+I with Guard M, Metalaxyl ST, and Prephyte ST is an advanced planter box system that combines seed fluency, micronutrients and live biology in a convenient delivery system that can replace any seed fluency agent.

The patented Bio-Capsule<sup>™</sup> Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

Ether Enzyme Technology kick-starts the uptake of available soil nutrients and water while maximizing microbial activity.

**REPLANT:** Ask your sales rep about Meristem's \$20/acre replant program on HT Soybean F+I with Guard M, Metalaxyl ST, and Prephyte ST.

### PRODUCT BENEFITS

- **IonLock<sup>™</sup> Zinc** increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- **Builds stronger, healthier plants fast & massive roots**
- **Increases early-season iron, manganese and zinc uptake**
- **Drives early-season taproot nodulation and N-fixation**
- **Puts soybeans in the position to manage season-long stressors and optimize genetic potential**
- **Aggressive, multi-strain bradyrhizobia inoculant**
- **Guard M:** season-long, enhanced protection against insects and fungal pests during multiple life stages of pests
- **Metalaxyl:** for control of phytophthora and pythium
- **Prephyte ST:** protection against many soil-borne diseases, free-living nematodes and abiotic stresses

### GUARANTEED ANALYSIS

#### BASE INGREDIENTS

Iron (Fe).....	0.70%
Manganese (Mn) .....	0.90%
Zinc (Zn).....	1.58%
1.58% Water Soluble Zinc	
Derived from Iron Oxide, Manganese Oxide and Zinc Sulfate.	

#### BIO-CAPSULE INGREDIENTS: ALSO CONTAINS BENEFICIAL SUBSTANCES

<i>Bradyrhizobium japonicum</i> .....	2.00x10 <sup>5</sup> CFU/g
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#### GUARD M BIO-CAPSULE (CO-PACK)

EPA Reg. No.: 89600-8-94485

ACTIVE INGREDIENT: <i>Beauveria bassiana</i> strain ANT-03*.....	100.0%
TOTAL.....	100.0%

\*Not less than 2.2 X 10<sup>10</sup> viable conidia / gram of product.

#### METALAXYL ST BIO-CAPSULE (CO-PACK)

EPA Reg. No.: 94485-8

ACTIVE INGREDIENT:	
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester.....	98.53%
OTHER INGREDIENTS:.....	1.47%
TOTAL.....	100.00%

#### PREPHYTE ST BIO-CAPSULE (CO-PACK)

EPA Reg. No.: 94485-5

ACTIVE INGREDIENT: <i>Bacillus amyloliquefaciens</i> strain ENV503* .....	0.149%
OTHER INGREDIENTS:.....	99.851%
TOTAL.....	100.000%

\*Not less than 5.9 X 10<sup>9</sup> Colony Forming Units (CFU) per gram of product.

### DIRECTIONS FOR USE & RECOMMENDED USE RATE

**DO NOT ACTIVATE BIO-CAPSULE UNTIL READY FOR USE.** Read and follow all label directions for use on package. Once ready to plant, remove the safety clips from the Bio-Capsules. Push down on the buttons atop the pail to release the biologicals into the base. Seal the pail and shake aggressively to blend the contents. Before each application, aggressively shake contents to ensure the correct volume is applied.

The combined products (1 pail) treat 40 units of soybeans at 140k seeds per unit.

### PRODUCT AVAILABILITY

Sold in 2-pail cases to treat 80 units of soybeans. Each pail is capable of treating 40 units of soybeans.

**Industry-Leading  
Bradyrhizobia Inoculant**  
Aggressive multi-strain inoculant to accelerate early nodulation

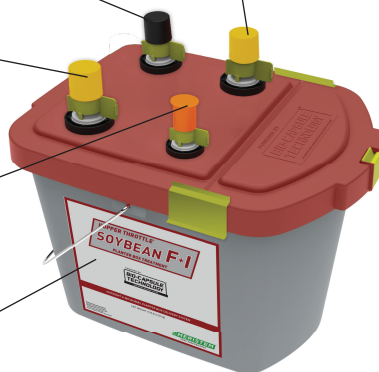
**Prephyte ST**  
Broad-spectrum, EPA-registered fungicide for prevention, control or suppression of many soil-borne diseases

**Guard M**  
Bioinsecticide to mitigate seedcorn maggot damage & other seedling pests

**Base Pail & Seed Fluency:**

- 80/20 Talc/Graphite
- Mn & Fe
- 1.35 lbs IonLock Zinc equiv. to 1.35 qts 9% Zn EDTA

**Metalaxyl ST**  
Industry-standard systemic fungicide for control of phytophthora and pythium



Actual product packaging may be different than this visual

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1-833-637-4783 (MERISTEM)  
meristemag.com

