

# GO NAKED

WITH YOUR NEXT SOYBEAN SEED PURCHASE.

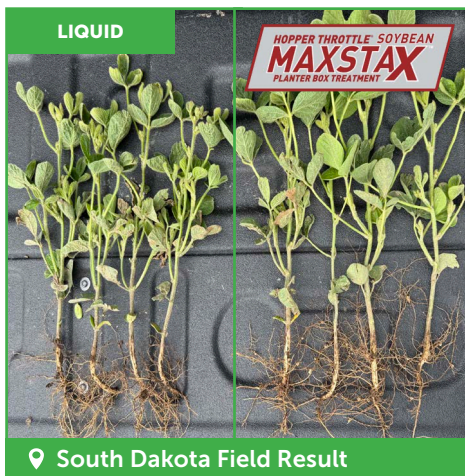


## IT COVERS. IT PAYS. THAT'S THE NAKED TRUTH.

BACKED BY A \$60/ACRE REPLANT PROGRAM

Hopper Throttle® MaxStax™ Soybean is a revolutionary combination of biology, nutrition, and EPA-registered actives 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.



## MORE BUSHEL FOR LESS



# GO NAKED. PLANT EARLY.

Co-packed with BorneX™, GuardC™, Metalaxyl ST and Prephyte™ ST\*



### Industry-Leading Bradyrhizobia Inoculant

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



### Metalaxyl ST

EPA Reg No.: 94485-8

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



### Prephyte™ ST

EPA Reg. No.: 94485-5-95552

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



### Revline®

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



### 7. BorneX™

EPA Reg. No.: 92311-6-94485

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



### Protectis™ Beauveria Bassiana

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



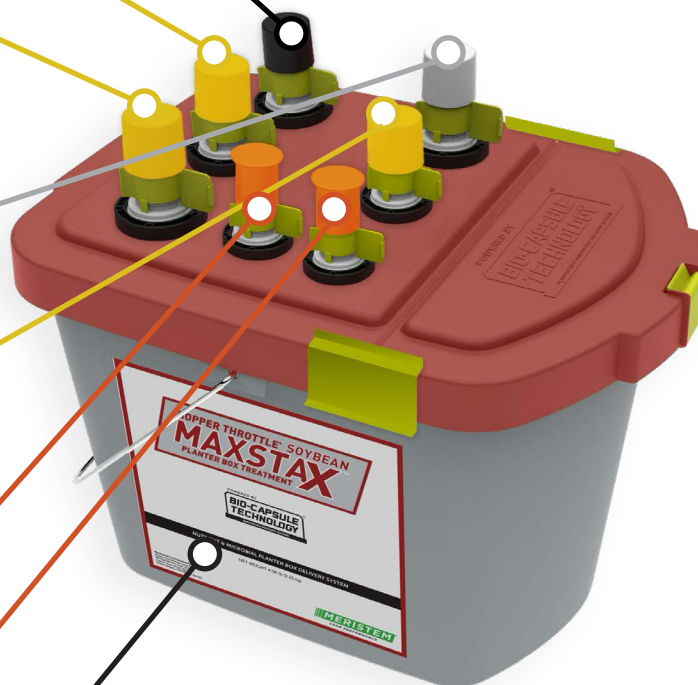
### GuardC™

FIFRA 25b Exempt Product

Bionematicide containing Fungal chitosan to suppress nematodes

### Base Pail Seed Fluency Blend

- Seed Fluency
- Ether Enzyme Technology (*lipase & mannanase*)
- IonLock Mn & Fe
- 0.94 lbs IonLock Zinc



## VALUE IN THE PAIL: \$74.00/A

**REPLANT: \$60/acre** Ask your sales rep about Meristem's **\$60/acre replant program** on HT MaxStax Soybean

\*BorneX EPA Reg No.: 92311-6-94485 | GuardC: FIFRA 25b Exempt Product | Metalaxyl ST EPA Reg No.: 94485-8 | Prephyte ST EPA Reg No.: 94485-5-9552  
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# HAVE THE CONFIDENCE TO GO NAKED WITH YOUR NEXT SOYBEAN SEED PURCHASE.

## DEFEND — TAKE COST OUT

| Bio-Capsule Technology                                                            | Hopper Throttle MaxStax Soybean: Components | Farmer Traditional Liquid Seed Treatment: Components       | Farmer Traditional Liquid Seed Treatment: <b>Cost Per Unit of Soybeans</b><br>Seeding Rate 140,000/AC |
|-----------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  | Prephyte ST* & Metalaxyl ST*                | 2 Fungicides                                               | \$10.00                                                                                               |
|  | BorneX* & GuardC*                           | Fungicide for SDS control & nematicide for cyst protection | \$15.00                                                                                               |
|  | Protectis                                   | <i>Beauveria Bassiana</i>                                  | \$3.00                                                                                                |
|  | Industry-Leading Bradyrhizobia Inoculant    | Inoculant                                                  | \$3.00                                                                                                |
| <b>TOTAL DEFENSE VALUE: \$31.00/acre</b>                                          |                                             |                                                            |                                                                                                       |

## OPTIMIZE — MAKE IT PAY

| Bio-Capsule Technology                                                              | Hopper Throttle MaxStax Soybean: Components              | Plant Health & Yield Drivers: Components | Plant Health & Yield Drivers: Cost |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------|------------------------------------|
|  | Revline                                                  | PGR                                      | \$6.00                             |
|  | Ether Enzyme Technology (lipase & mannanase)             | 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: \$43.00/acre                                              |                                                          |                                          |                                    |

\*Prephyte ST EPA Reg. No.: 94485-5-9552 | Metalaxyl ST EPA Reg No.: 94485-8 | BorneX EPA Reg. No.: 92311-6-94485 | GuardC FIFRA 25b Exempt Product

# UNIVERSITY OF ILLINOIS



Department of Crop Sciences  
Crop Physiology

## 2025 Planting Date and Systems Management Trial

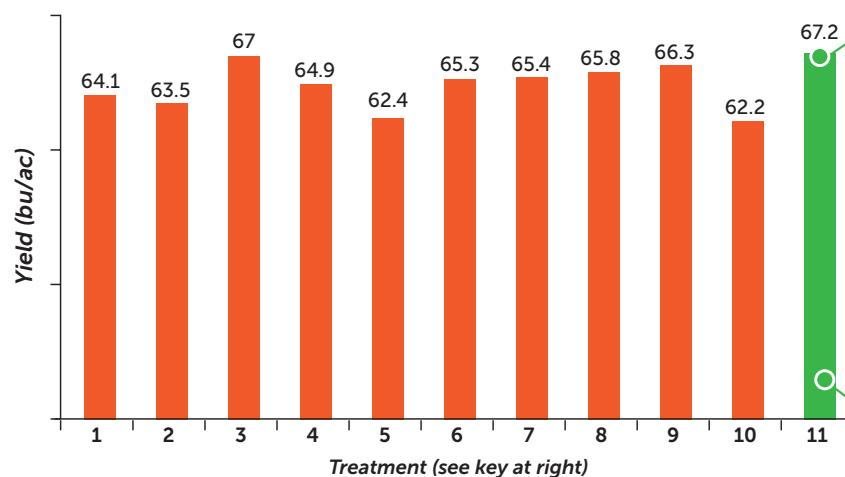
### RESULTS | PLANTING DATE TRIAL

Across the two planting dates in the trial, U of I researchers compared different combinations of Meristem products with a control treatment and standard commercial fungicide/insecticide seed treatment. The trial compared the following treatments:

- **Residue Management:** Prior to planting, Excavator® AMS with Cyclestrike™ LR was applied to break down corn residue and release nutrients, compared with no residue management application prior to planting.
- **Seed Treatment:** At planting, the research compared soybeans with no seed treatment, traditional commercial seed treatment, and Hopper Throttle® MaxStax™ Soybean.
- **V4 Foliar:** At V4, Harvestshield™ Complete was applied as a foliar stimulant, compared to no V4 application.
- All treatments received R3 fungicide application and insecticide application.

### 2025 Early Planted Soybeans by Treatment

**+9.0 bu/A average with Early Planted Soybeans**



**OVERALL YIELD WINNER**  
**+67.2 bu/A**  
Planted Early with Treatment 11

#### Treatment Key

|    | Residue   | Seed Treatment | V4 Foliar     |
|----|-----------|----------------|---------------|
| 1  | None      | None           | HarvestShield |
| 2  | None      | Commercial     | None          |
| 3  | None      | Commercial     | HarvestShield |
| 4  | None      | MaxStax        | None          |
| 5  | None      | MaxStax        | HarvestShield |
| 6  | Excavator | None           | None          |
| 7  | Excavator | None           | HarvestShield |
| 8  | Excavator | Commercial     | None          |
| 9  | Excavator | Commercial     | HarvestShield |
| 10 | Excavator | MaxStax        | None          |
| 11 | Excavator | MaxStax        | HarvestShield |

### RESULTS | SYSTEMS MANAGEMENT TRIAL

#### Main Effects on Grain Yield & Yield Components

For this trial conducted by the team at the Univ. of Illinois Department of Crop Sciences Crop Physiology Lab, no-till soybeans were planted into corn stalks April 18. The research compared 12 combinations of different seed treatments and foliar applications replicated 5 times in randomized block design. Grain yield and quality from the different treatments were evaluated.

Dry conditions late in the season limited yields at the Champaign, IL site, reducing yields in general.

| Factor         | Level             | Grain Yield (bushels/acre) | Seed Number (seeds/m <sup>2</sup> ) | Seed Weight (mg/seed) | Protein (%)       | Oil (%) |
|----------------|-------------------|----------------------------|-------------------------------------|-----------------------|-------------------|---------|
| Seed Treatment | Commercial        | 66                         | 3207 <sup>B</sup>                   | 119                   | 34.0 <sup>B</sup> | 20.5    |
|                | HT MaxStax Copack | 68.3                       | 3325 <sup>A</sup>                   | 120                   | 34.3 <sup>A</sup> | 20.4    |

#### Key Finding

Averaged across foliar sprays, Hopper Throttle MaxStax copack had an advantage over commercial seed treatment **by 2.3 bu/A**.

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