

# REVLINE®

## HOPPER THROTTLE™ SUGARBEET PLANTER BOX TREATMENT



## NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM



Revline® Hopper Throttle® Sugarbeet with Guard C 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™ Technology delivery system allows for the addition of multiple biological solutions safely packaged for convenient, live deployment at planting.

### PRODUCT BENEFITS

- Ensures early-season vigor and uniform plant development across diverse regions and climates
- Increases emergence and stand establishment
- Enhances nitrogen, phosphorus, and boron uptake and utilization
- IonLock™ Zinc increases singulation & adheres microbes to seed coats while providing valuable early emergence nutrition
- Protectis: a dry seed-applied treatment to enhance microbial populations in the rhizosphere.
- Guard C: contains active Fungal Chitosan with three modes of action to suppress nematodes and seed/seedling diseases
- Prephyte ST: protection against many soil-borne diseases, free-living nematodes and abiotic stresses

### Co-packed with Guard C™ and Prephyte™ ST

#### 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>Azospirillum brasilense</i> .....	5.0x10 <sup>7</sup> CFU/g
<i>Azospirillum lipoferum</i> .....	5.0x10 <sup>7</sup> CFU/g
<i>Azotobacter chroococcum</i> .....	5.0x10 <sup>7</sup> CFU/g
<i>Azotobacter vinelandii</i> .....	5.0x10 <sup>7</sup> CFU/g
<i>Bacillus amyloliquefaciens</i> .....	6.0x10 <sup>8</sup> CFU/g
<i>Bacillus licheniformis</i> .....	1.2x10 <sup>9</sup> CFU/g
<i>Bacillus megaterium</i> .....	1.2x10 <sup>9</sup> CFU/g
<i>Bacillus pumilus</i> .....	1.2x10 <sup>9</sup> CFU/g
<i>Bacillus subtilis</i> .....	6.0x10 <sup>8</sup> CFU/g
<i>Trichoderma harzianum</i> .....	7.5x10 <sup>7</sup> CFU/g
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<i>Beauveria bassiana</i> .....	2.2x10 <sup>10</sup> CFU/g
<i>Methylobacterium hispanicum</i> .....	1x10 <sup>9</sup> CFU/g

#### GUARD C BIO-CAPSULE (CO-PACK)

FIFRA 25b Exempt Product

ACTIVE INGREDIENT: Chitosan .....	100%
TOTAL:.....	100%

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

EPA Reg. No.: 94485-5-95552

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 10 boxes of sugarbeet seed.

For single row unit planters, use the enclosed scoop to measure out blended contents. Two scoops treat 1 unit (50k seeds) sugarbeets.

### PRODUCT DETAILS

Sold in 2-pail cases to treat 20 boxes of sugarbeets. Each pail is capable of treating 10 boxes of sugarbeets.

**BioFertility & N-Fixing Microbes**

**Revline (SUGARBEET SPECIFIC)**  
Proven, industry-leading biostimulant PPFM strains that generate massive root structures

**Guard C**  
EPA-registered nematicide to suppress nematodes and stimulate plant development

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

**Base Pail & Seed Fluency:**

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

**Protectis**  
Fungal strain that increases microbial activity & promotes plant vigor during periods of stress

Actual product packaging may be different than this visual

\*\*The organisms selected for the sugarbeet pail are beneficial for maximizing the growth potential and internode elongation of the crop. Using the microbes on grass monocot corn could be beneficial but not been tested. The inclusion of specific strains for the uptake of nutrients such as Boron, could have a negative effect on corn, which warrants Meristem not to warranty the product for use on additional crops.