



SOYBEAN INOCULANT

Not a plant food product

For retail application only

GUARANTEED ANALYSIS

Bradyrhizobium japonicum viable cells per gram 1×10^{10}
 Lipo-chitooligosaccharides minimum of $1 \times 10^{-7}\%$
 Isoflavonoids 0.015%

KEEP OUT OF REACH OF CHILDREN

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

The product does not require a hazard warning label in accordance with GHS criteria.

NET WEIGHT: 26.2 lbs. (11.9 kg)

SN 010416/0616G

NET CONTENTS: 1 x 400 units per case

5 x 2 x 40 units per case

MANUFACTURED FOR

HELENA CHEMICAL COMPANY
 225 SCHILLING BOULEVARD, SUITE 300
 COLLIERVILLE, TN 38017
 901-761-0050

PRECAUTIONARY STATEMENTS

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a POISON CENTER or doctor immediately. Rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air and keep at rest in a position comfortable for breathing if they feel unwell. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a POISON CENTER or doctor for treatment advice.
IF ON SKIN OR	<ul style="list-style-type: none"> Take off immediately all contaminated clothing. Rinse

HAIR:	skin with water or shower. <ul style="list-style-type: none"> Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
-------	--

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate. Keep locked up and out of the reach of children.

CONTAINER DISPOSAL: Do not reuse empty container. Triple rinse (or equivalent) during mixing and loading and add rinse water to spray tank. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

For help in chemical emergencies involving spill, leak, fire or exposure, call toll free 1-800-424-9300.

HOW TO APPLY

Ensure that treater has been properly calibrated.

Pour First Up® ST Soybean Inoculant liquid into mix tank.

Pour in liquid additive

Start mix tank agitation

Apply at recommended rate

Prepare only as much First Up® ST Soybean Inoculant as will be used that day.

SOYBEAN APPLICATION RATES

1.8 fl oz/100 lbs. of seed

0.9 fl oz/140,000 seed count unit

(0.2 mg/seed) based on 2,800 seeds/lb seed size

TIME IN TANK

24 hours when alone in a dedicated mix tank

4 hours when combined in the mix tank with fungicide and/or insecticide seed treatments

Consult compatibility guide as tank time may not be recommended based on partner chemistry.

ON-SEED STABILITY AND SEED TREATMENT RECOMMENDATIONS

If used with seed treatments, apply recommended rate to First Up LR Soybean Inoculant mixture and agitate. Please refer to Product Compatibility Guide for approved tank mix partners and time on seed. If using additional water with First Up® ST Soybean Inoculant, use chlorine-free water. If using additional water with fungicide and insecticides, use chlorine-free water.

120 days on-seed when applied alone or with slurry compatible seed treatments.

For a list of compatible seed treatments, contact your local Helena representative.

SPECIAL RECOMMENDATIONS FOR MOLYBDENUM SEED TREATMENTS

12-hours time on-seed compatibility prior to planting when used with products such as ApronMaxx® + Moly or any molybdenum containing seed treatments, because the concentration of molybdenum in these seed treatments is toxic to *Bradyrhizobium japonicum*.

SPECIAL RECOMMENDATIONS FOR NEW GROUND OR ADVERSE CONDITIONS

Land being planted to soybeans for the first time, land coming out of CRP, land not having soybeans planted in the rotation for the past 4 years, and planting in adverse conditions requires special attention. Use First Up® ST Soybean Inoculant on-seed followed by an in-furrow or hopperbox application of a quality inoculant. Adding in-furrow or hopperbox rhizobia will enhance nodulation on the lateral roots.

PRODUCT STABILITY AND STORAGE RECOMMENDATIONS

Unopened package: Two years (2 season shelf life)

Opened unused package: 24 hours shelf life

Shake well before use.

Store in a cool, dry place out of direct sunlight.

Store between 40 and 77°F.

Open package only when ready for use.

Use before expiration date.

Disclaimer: Always refer to the label on the product before using Helena or any other product.

**CONDITIONS OF SALE–LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale–Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The seller warrants that this product contains a minimum number of *Bradyrhizobium japonicum*, lipo-chitooligosaccharide viable cells and isoflavonoids as specified on this label. The seller makes no other warranty expressed or implied as to product viability or performance since storage, use, and growing conditions are beyond the seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

The directions on this label are believed to be reliable and must be followed carefully. Failure to follow label directions may cause injury to crops, animals, man or the environment. Helena Chemical Company (the "Company") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind: express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

© Copyright Helena Holding Company, 2016

FIRST UP® is a registered trademark of Helena Holding Company.

ApronMaxx® is a registered trademark of Syngenta Group Company.