



## High Potency Live Microbial Soybean Seed Inoculant Now with Rhizobium Extension Solution

### Scientifically-proven to increase soybean yields

Inoculation is the most cost-effective method of providing nitrogen to legume crops. In order to maximize your crop's yield, many leading university research studies recommend inoculation with a high-quality, high-potency product like Magnify LST.

Conklin's live microbial liquid soybean inoculant uses superior technology that effectively grows your soybean yields at a low cost per acre. Magnify LST, when used at designated rates, will provide 10 - 20 times the level of live, nitrogen-fixing bacteria to each seed in a soybean planting system than traditional technology.

Magnify LST is a liquid seed inoculant containing nearly 5 billion viable bacteria cells per gram plus an extension solution to keep cells viable up to 28 days after treatment. These bacteria, *Bradyrhizobium japonicum*, provide nitrogen for plant growth by a process called nitrogen fixation. The symbiotic relationship between the bacteria and plant allows the bacteria to perform efficient, effective nodulation on the soybean root allowing more nitrogen fixation to occur and the bacteria derive nutrition from the plant. Higher soybean yields and protein content, healthier plants and increased profits are proven results on both new and repeat soybean acreage. The extension solution slows the degradation of the rhizobium inoculant providing insurance that you will have beneficial levels of rhizobium bacteria on the seed if planting is delayed due to weather, equipment breakdown or some other reason.

- High Potency
- Safe and easy-to-use, inoculant and extension solution have the same density for faster and complete mixing
- Scientifically-proven to increase yields
- Convenient, non-frozen, non-refrigerated formula
- Flexible seed treatment and in-furrow application methods, up to 28 days to plant inoculated seed

## Magnify LST Soybean Yield Increases

In 4 years of field trials, yields increased an average of 3.25 bushel per acre.

A \$2 per acre investment can return \$30 using Magnify LST.

## Flexibility with Magnify LST

This easy-to-store and apply soybean inoculant can be applied as a seed treatment or in-furrow. Each 50.7 fl. oz. bladder of Magnify LST inoculant mixed with 11.8 fl. oz. of extension solution treats 2,500 pounds of seed.

## Application Rates

### For seed application:

Apply as is at a rate of 2.5 oz. per 100 lbs. of soybean seed.

### For in-furrow application:

Mix one 50.7 fl. oz. bladder of inoculant plus one 11.8 fl. oz. bladder of extension solution with a minimum of 100 gallons of non-chlorinated water and apply directly on the seed per 20 acres.

In-furrow application must deliver inoculant on the seed to be effective (not using a Y-Not Split-it).

## Storage Instructions

- **Store** inoculant in a cool place, between 39° F (4° C) and 77° F (25° C)
- **DO NOT** allow to **FREEZE**
- **Store** out of direct sunlight
- Unopened packages store for up to two planting seasons

## For Best Results

- Open package only when ready to apply to seed
- Plant within 28 days of adding to untreated seed. Best results obtained by planting as soon as possible after treatment.
- When using on new bean land, plant on the same day as adding to seed
- Compatible with certain seed treatments and fungicides for up to 28 days. Refer to chemical compatibility chart
- Use before expiration date

## Magnify LST

#57810 Four – 50.7 fl. oz. bladders of inoculant + 11.8 fl. oz. bladders of extension solution

*AgroVantage is part of the family of Conklin products designed to save fuel, energy, time and money so you can work smarter, live better. Opportunities are available to start your own Conklin business.*

**CONKLIN** AgroVantage<sup>®</sup>  
SYSTEM

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*“Conklin’s Magnify is an incredible yield enhancer. I tested this product on about half of my soybean acres and saw a 10-to-15-BPA increase on every side-by-side comparison. From now on, I’ll use it on every acre I plant!”*

– Darin M., Iowa

Your Conklin Independent Distributor is: