

TagTeam® LCO XC liquid

MultiAction® legume fertility for

soybean

ATTENTION:

This Specimen label is provided for general information only.

TagTeam® LCO XC liquid MultiAction legume fertility for soybean is a TRIPLE-ACTION product that generates symbiosis between three biologicals to drive optimum legume yield.

CONTAINS NONPLANT FOOD INGREDIENT(S)

ACTIVE: 1 x 10⁻⁷% lipo-chitooligosaccharides
7.2 x 10⁸ cfu/g *Penicillium bilaiae*
1 x 10¹⁰ viable cfu/mL *Bradyrhizobium japonicum*

INERT: Water-based carrier >99%

How it Works

TagTeam products combine LCO technology with quality inoculants. The active ingredients in TagTeam LCO XC liquid MultiAction legume fertility for soybean are the bacterium *Bradyrhizobium japonicum*, the soil fungus *Penicillium bilaiae*, and lipo-chitooligosaccharide (LCO). *Bradyrhizobium japonicum* forms root nodules which convert, or fix, nitrogen in the air into forms the plant can use. *Penicillium bilaiae* grows on plant roots and makes less-available residual soil phosphate available for crop use. The LCO molecule enhances the soil microbial environment to support the plant's nutritional availability, supporting the growth and yield potential of the crop.

Application Rate

- On-seed 1.5 fl oz/100 lb (44.4 ml/ 45.4 kg)

For Best Results

- Open package only when ready to use.
- Plant within 120 days of adding to bare soybean seed.

Directions for Use

For Downstream Use:

- Start preparation of the TagTeam LCO XC Liquid for Soybean only when you are ready to apply to seed.
- To ensure an even suspension, shake the Liquid Additive and Liquid Bladder well. Settling of bacteria during storage is normal.
- Add the Liquid Additive into the Liquid Bladder, which contains the inoculants. Close the Liquid Bladder cap and agitate the premix.
- Shake the Active Powder bottle well to ensure even suspension.
- Re-open the Liquid Bladder cap and add in the Active Powder. Close the Liquid Bladder cap and agitate until the powder has been well mixed.
- Pour the contents of the Liquid Bladder into the treater.
- Do not leave TagTeam LCO XC Liquid for Soybean premix standing in treater mix tank for more than 4 hours.
- Apply to the seed as soon as possible.

- Calibrate the system to ensure that 1.5 fl oz (44.4 ml) of TagTeam LCO XC Inoculant flows out of the nozzle in the time that 100 lb (45.4 kg) of seed passes beneath it.

For Upstream Use:

- Start preparation of the TagTeam LCO XC Liquid for Soybean only when you are ready to apply to seed.
- To ensure an even suspension, shake the Liquid Additive and Liquid Bladder well. Settling of bacteria during storage is normal.
- Add the Liquid Bladder to the tank and agitate well.
- Add the Liquid Additive and agitate well.
- After 5 minutes, add the Active Powder to the mixture. Agitate until the powder has been well mixed.
- Do not leave TagTeam LCO XC Liquid for Soybean premix standing in treater mix tank for more than 4 hours.
- Apply to the seed as soon as possible.
- Calibrate the system to ensure that 1.5 fl oz (44.4 ml) of TagTeam LCO XC Inoculant flows out of the nozzle in the time that 100 lb (45.4 kg) of seed passes beneath it.

Seed treatment recommendations

- If used with seed treatments, apply recommended rate to TagTeam LCO XC Liquid for Soybean.
- We do not recommend the use of additional water, polymers, or dyes beyond what is required with the seed treatment.
- Application with other seed treatments is possible, but may reduce the planting window. For up-to-date pesticide compatibility information, please call Novozymes at 1-888-744-5662.

Double inoculation, the act of using a double application of a rhizobial inoculant, is recommended in certain soil conditions (such as when planting on land previously used for pasture or planting soybean for the first time). Double inoculation can be achieved by application of any combination of liquids, peat powders, or furrow-applied liquid or granule rhizobial inoculants that are labeled for the target crop. For additional information please contact Novozymes BioAg at 1-888-744-5662.

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Where to use for maximum benefit

- Best nitrogen responses to TagTeam LCO XC Liquid for Soybean occur in soils that are low in available forms of nitrogen and populations of *Bradyrhizobium japonicum*.

Benefits of using TagTeam LCO XC Inoculant may be limited on:

- Soils with high nitrogen levels or with high application rates of nitrogen fertilizer.
- Soils that have been heavily manured (likely to be high to very high in available phosphate).
- In soils that do not tie up phosphate, i.e., very sandy soils (greater than 85% sand) and soils that contain more than 14% organic matter.

Applicators and Other Handlers

The active ingredients in TagTeam LCO XC Liquid for Soybean are *Penicillium bilaiae* spores, *Bradyrhizobium japonicum* viable cells, and lipo-chitooligosaccharide. This product may cause adverse effects in individuals allergic to molds and/or fungi. Use appropriate personal protective equipment (PPE) to reduce exposure. Eye or skin contact, inhalation, or ingestion should be avoided. Wear standard protective clothing and equipment including gloves, and safety glasses. Ensure adequate ventilation. Where exposure through inhalation may occur, use respiratory protective equipment. Sensitized individuals should wear a NIOSH approved particulate respirator (TC-84A) with any N, R, or P filter. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Storage and Disposal

- Store in a cool and dry place < 20°C (68°F).
- Avoid freeze/thaw cycles.
- Minimize temperature fluctuations.
- Store away from sunlight and direct heat sources.
- Use before the expiration date.

Unused TagTeam LCO XC Liquid for Soybean and TagTeam LCO XC Inoculant inoculated seed should be disposed of in accordance with applicable federal, state and local requirements, and should not be used for food, feed, or oil purposes.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

Limited Warranty

Novozymes BioAg warrants that this product contains a minimum number of *Penicillium bilaiae* and *Bradyrhizobium japonicum* viable cells, and a minimum concentration of lipo-chitooligosaccharide as specified on this label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NOVOZYMES BIOAG MAKES NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE, INFRINGEMENT (ALONE OR IN COMBINATION WITH OTHER SEED TREATMENT PRODUCTS) OR MERCHANTABILITY. Novozymes BioAg limited warranty is also subject to the inherent risks, conditions, and limitations stated herein.

Buyer and all users shall promptly notify Novozymes BioAg of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

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Novozymes BioAg does not warrant any product reformulated or repackaged from this product except in accordance with Novozymes BioAg stewardship requirements and with Novozymes BioAg express written permission.

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