

TagTeam® LCO liquid

MultiAction legume fertility for

pea & lentil

ATTENTION:

This Specimen label is provided for general information only.

TagTeam® LCO Pea & Lentil Liquid is a TRIPLE-ACTION product that generates symbiosis between three biologicals to drive optimum legume yield.

CONTAINS NONPLANT FOOD INGREDIENT(S)

ACTIVE: 7.2 x 10⁸ cfu/g *Penicillium bilaiae*
2 x 10⁹ viable cfu/ml *Rhizobium leguminosarum*
1 x 10⁻⁷% lipo-chitooligosaccharides

INERT: Aqueous carrier >99%

How it Works

TagTeam LCO products combine LCO technology with quality inoculants. The active ingredients in TagTeam LCO Pea & Lentil Liquid are the bacterium *Rhizobium leguminosarum*, the soil fungus *Penicillium bilaiae*, and lipo-chitooligosaccharide (LCO). *Rhizobium leguminosarum* 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.

Directions for Use

SHAKE WELL BEFORE USING

Read the entire label before using this product. Use only according to label directions.

Open package only when ready to use. Plant within 7 days when using the additive. Use before expiration date.

Commercial treater/on-farm

- Start preparation of the TagTeam LCO Pea & Lentil Liquid 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 Pea & Lentil Liquid 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 5.0 fl oz (147 ml) of TagTeam LCO Pea & Lentil Liquid flows out of the nozzle in the time that 100 lb (45.4 kg) of seed passes beneath it.

Planter, drill, or air seeder

- Do not use the liquid additive (17.9 fl oz bottle).
- Apply at a rate of 4.2 fl oz/100 lb (126 ml/45.4 kg).
- Allow seeds to mix so product is distributed evenly.

Seed treatment recommendations

- If used with seed treatments, apply recommended rate to TagTeam LCO Pea & Lentil Liquid.
- 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 BioAg at 1-888-744-5662.

Where to use for maximum benefit

Best nitrogen responses to TagTeam LCO Pea & Lentil Liquid occur in soils that are low in available forms of nitrogen and populations of *Rhizobium leguminosarum*.

Benefits of using TagTeam LCO Pea & Lentil Liquid 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.

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Applicators and Other Handlers

The active ingredients in TagTeam LCO Pea & Lentil Liquid are *Penicillium bilaiae* spores, *Rhizobium leguminosarum* viable cells, and lipo-chitooligosaccharide. 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. This product contains microorganisms that may have the potential to provoke sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized individuals should wear an NIOSH-approved respirator. 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 under cool conditions <20°C (68°F) away from sunlight and direct heat sources.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use before the expiration date and only on pea and lentils.

Unused TagTeam LCO Pea & Lentil Liquid and seed to which TagTeam LCO Pea & Lentil Liquid has been applied 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 *Rhizobium leguminosarum* viable cells, and a minimum concentration of lipo-chitooligosaccharide as specified on this label.

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