

TagTeam®

peat

phosphate-solubilizing and nitrogen-fixing
inoculant pea and lentil



7065210-752

ATTENTION:

This specimen label is provided for general information only.

- This biological product may not yet be available or approved for sale or use in your area.
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TagTeam® peat phosphate-solubilizing and nitrogen-fixing inoculant pea and lentil is a DUAL-ACTION inoculant combining the phosphate-solubilizing microorganism *Penicillium bilaiae* with nitrogen-fixing rhizobia. Together they can create more fixed nitrogen and better access to soil and fertilizer phosphate, providing the best yield.

MINIMUM GUARANTEED ANALYSIS

ACTIVE: 3.7 x 10⁶ cfu/g *Penicillium bilaiae*
7.4 x 10⁸ viable cfu/g *Rhizobium leguminosarum*

INERT: Sterilized milled peat with natural graphite, calcium carbonate, and a water based medium (containing sucrose and yeast extract)

NONPLANT FOOD INGREDIENT

Not a fertilizer substitute

Warning

May form combustible dust concentrations in air [with packages greater than 25 kg].

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

How it Works

The active ingredients in TagTeam peat phosphate-solubilizing and nitrogen-fixing inoculant pea and lentil are the bacterium *Rhizobium leguminosarum* and the soil fungus *Penicillium bilaiae*. *Rhizobium leguminosarum* grows on plant roots and 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.

pea and lentil

Directions for Use

TagTeam peat phosphate-solubilizing and nitrogen-fixing inoculant pea and lentil can be applied as a dry application or applied to pre-moistened seed. TagTeam may be applied when transferring seed from the bin to the truck, or from the truck to the tank or seed cart. This product may also be applied directly to seed in the tank or seed cart. TagTeam should be mixed thoroughly with the seed and the seed should be evenly coated. TagTeam inoculated seed should be planted within 48 hours.

Dry Application:

- Pour the correct amount of TagTeam into drill hopper, as referenced in Table 1. Mix thoroughly.
- For bulk systems, TagTeam can be directly metered onto seed.

Slurry Method Application:

- Mix TagTeam with cool, clean, non-chlorinated water and apply to seed as a slurry, as referenced in Table 1.

Table 1. Application rates and bare seed planting windows

Crop	Seed inoculated by one bag	Approximate water volume	Planting window (bare seed)
Pea	1,360 kg (3,000 lb, 50 bu)	4.0 liters (4.2 US quarts)	48 hours
Lentil	820 kg (1,800 lb, 30 bu)	2.5 liters (2.7 US quarts)	48 hours

Seed Treatment Recommendations

- Application with other seed treatments is possible, but may reduce the planting window. For up-to-date pesticide compatibility information, please call Monsanto Company at 1-877-775-8787.

Where to Use for Maximum Benefit

- Best nitrogen responses to TagTeam occur in soils that are low in available forms of nitrogen and populations of *Rhizobium leguminosarum*.
- If soils are extremely low in available nitrogen, below 16.8 kg N/ha (15 lb N/acre), TagTeam may be more effective when used with a small amount of starter nitrogen fertilizer 11.2-16.8 kg N/ha (10-15 lb N/acre).



Manufactured For
and Guaranteed By:
Monsanto Company
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St. Louis, Missouri 63167 USA

For Medical, Transportation,
Spill or Other Emergencies
Call Collect 24 Hours a Day
1-314-694-4000

For Product Use Information
Call: 1-877-775-8787

TagTeam[®] peat

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For soils low to medium in available phosphate:

Use TagTeam with the lower recommended P fertilizer rate from soil test results. If you do not soil test, use with normal P fertilizer rate.

For soils high to very high in available phosphate:

Replace the starter in-row P fertilizer application (16.8-22.4 kg P₂O₅/ha [15-20 lb P₂O₅/acre]) with TagTeam.

Benefits of using TagTeam 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 peat phosphate-solubilizing and nitrogen-fixing inoculant pea and lentil are *Penicillium bilaiae* spores and *Rhizobium leguminosarum* viable cells. Eye or skin contact, inhalation, or ingestion should be avoided. Wear standard protective clothing and equipment including gloves, 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

The active ingredients in TagTeam peat phosphate-solubilizing and nitrogen-fixing inoculant pea and lentil are living organisms and require specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store bags and inoculated seed under cool conditions <68°F (20°C) away from sunlight and direct heat sources.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use entire contents of bag after opening.
- Use before the expiration date. The expiration date is valid only for unopened bags stored under the conditions listed above.

Unused TagTeam peat phosphate-solubilizing and nitrogen-fixing inoculants pea and lentil and unplanted TagTeam inoculated seed should be disposed of in accordance with applicable civil statutes.

To ensure proper labeling for your state, please go to: www.monsantobioag.com

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

The Seller warrants that this product contains a minimum number of *Penicillium bilaiae* and *Rhizobium leguminosarum* viable cells, as specified on this label. The Seller makes no other warranty expressed or implied as to product viability or performance since product 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. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Monsanto Company.

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