

# TagTeam<sup>®</sup> peat

phosphate-solubilizing and  
nitrogen-fixing inoculant for

chickpea

## Extended label

TagTeam *MultiAction*<sup>®</sup> Legume Fertility

### How to apply

TagTeam has its own sticker in the formulation. A separate sticker is not needed. Apply TagTeam to pre-moistened seed, or add water while applying TagTeam, or mix TagTeam with cool, clean water and apply to seed as a slurry (refer to Table 1). Apply TagTeam when transferring seed from the bin to the truck, or from the truck to the tank or seed cart. TagTeam may also be applied directly to seed in the tank or seed cart. Make sure TagTeam is mixed thoroughly with the seed and that the seed is evenly coated. TagTeam inoculated seed should be planted within 6 hours.

### How it works

One of the active ingredients in TagTeam, the naturally occurring soil fungus *Penicillium bilaii*, grows on plant roots and makes less available forms of residual soil phosphate immediately available for crop use. The other active ingredient, the naturally occurring bacterium *Mesorhizobium ciceri*, grows on plant roots and forms root nodules which convert or fix nitrogen from the air into forms the plants can use.

### MINIMUM GUARANTEE

ACTIVE:  $6.9 \times 10^5$  cfu *Penicillium bilaii* per gram and  $6.9 \times 10^8$  *Mesorhizobium ciceri* viable cells per gram

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

### Storage and handling

The active ingredients in TagTeam are living organisms and require specific storage conditions to ensure viability and product performance. To maintain product viability:

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

The active ingredients in TagTeam are *Penicillium bilaii* spores and *Mesorhizobium ciceri* viable cells. If use of this product by individuals allergic to molds and/or fungi is unavoidable, absorption by eye or skin contact, inhalation, or ingestion must be prevented to minimize the chance of an allergic reaction. Wear standard protective clothing and equipment including gloves, safety glasses, and a 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.

Unused TagTeam and unplanted TagTeam inoculated seed should be disposed of in accordance with applicable civil statutes and guidelines.

# TagTeam<sup>®</sup>

**Table 1. Application rates and bare seed planting windows**

Crop	Seed inoculated by one bag	Approximate water volume	Planting window (bare seed)
Chickpea	1,360 kg (3,000 lb, 50 bu)	4.0 litres (4.2 US quarts)	6 hours

- Once TagTeam is mixed in water, apply to seed within 6 hours
- The planting window is the maximum time allowed between application and seeding
- Application with other seed treatments is possible but may reduce the planting window. For up-to-date pesticide compatibility information and bare seed planting windows, please contact Novozymes BioAg at 1-888-744-5662

## Where to use for maximum benefit

Higher nitrogen fixation from TagTeam occurs in soils that are low in available forms of nitrogen and populations of *Mesorhizobium ciceri*.

### 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 your 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 P<sub>2</sub>O<sub>5</sub>/ha (15-20 lb P<sub>2</sub>O<sub>5</sub>/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

## Limited warranty

The seller warrants that this product contains a minimum number of *Penicillium bilaii* colony forming units and *Mesorhizobium ciceri* viable cells as specified on this label. The seller makes no other warranty expressed or implied as to product viability 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.

  
novozymes<sup>®</sup>

Rethink Tomorrow

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\*Available 24 hours a day/7 days a week,  
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