

# TagTeam<sup>®</sup> granular

phosphate-solubilizing and  
nitrogen-fixing inoculant for  
chickpea

TagTeam MultiAction™ Legume Fertility

## Extended Label

### MINIMUM GUARANTEE

ACTIVE:  $1.0 \times 10^6$  cfu *Penicillium bilaii* per gram and  
 $1.0 \times 10^8$  *Mesorhizobium ciceri* viable cells per gram

INERT: Peat granules and water

**HOW TO APPLY** TagTeam granular should be applied directly with the seed in the seed row using a granular tank for application. Application rates will vary according to row spacing (refer to Table 1 for details).

- **Drop TagTeam granular bags once on each edge to loosen compacted granules.**
- Before using, make sure that the hopper, rotor, feeding mechanism and calibration equipment are free from chemical residue, fertilizer and debris.
- Make sure that the tubing to the planting shoe is as straight and vertical as possible.
- Do not auger TagTeam granular.
- Do not mix TagTeam granular in the same tank with fertilizers, granular pesticides or seed.
- Use air seeder tank screen when filling tank or seed cart.

- Apply in-furrow only. Do not band.
- TagTeam granular can be used with pesticide treated seed.
- Follow calibration instructions supplied by the air cart manufacturer. Check flow regularly.
- Calibrate your equipment to deliver the correct amount of TagTeam granular per acre for your row spacing (refer to Table 1).
- Calibrate with a few bags before adding more inoculant to the tank or seed cart.
- A maximum of 16 bags per tank should be used. Under humid conditions, reduce the number of bags per tank and check flow on a regular basis.
- Do not leave TagTeam granular in the tank or seed cart overnight.

**Table 1. Application Rates for 16.5 kg (36.4 lb) Bag of TagTeam Granular**

Row Spacing	15.2 cm (6.0 in)	17.8 cm (7.0 in)	20.3 cm (8.0 in)	22.9 cm (9.0 in)	25.4 cm (10.0 in)	30.5 cm (12.0 in)	38.1 cm (15.0 in)
Application Rates	6.1 kg/ha (5.5 lbs/ac)	5.3 kg/ha (4.7 lbs/ac)	4.6 kg/ha (4.1 lbs/ac)	4.0 kg/ha (3.6 lbs/ac)	3.7 kg/ha (3.3 lbs/ac)	3.1 kg/ha (2.7 lbs/ac)	2.4 kg/ha (2.2 lbs/ac)
Area Treated per bag	2.7 ha (6.6 ac)	3.1 ha (7.7 ac)	3.5 ha (8.8 ac)	4.1 ha (10.1 ac)	4.4 ha (11.0 ac)	5.3 ha (13.4 ac)	6.8 ha (16.5 ac)

Note: The bulk density for TagTeam granular averages 0.7 g/cm<sup>3</sup> (43 lb/ft<sup>3</sup>).

**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*, infects plant roots and forms root nodules which convert, or fix, nitrogen from the air into forms the plants can use.

**SPECIAL CONSIDERATIONS** Environmental conditions can change the flowability of TagTeam granular inoculant.

- Do not allow TagTeam granular to get wet or to dry out.
- Humid and damp weather can cause granules to absorb moisture which may lead to compaction in the tank.
- In humid conditions check and clean metering system regularly to ensure consistent flow.



**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 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 within 24 hours after opening.
- Use before the expiry date. The expiry date is valid only for unopened bags stored under the conditions listed above.

### WHERE TO USE FOR MAXIMUM BENEFIT

Optimum nitrogen fixation responses to TagTeam occur 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 don't tie up phosphate, i.e. very sandy soils (greater than 85% sand) and soils that contain more than 14% organic matter.

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 should be disposed of in accordance with applicable civil statutes and guidelines.

**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.