

TagTeam®

chickpea

TagTeam® granular

phosphate-solubilizing and nitrogen-fixing inoculant for

chickpea

PROD. # 7065300-720

TagTeam MultiAction® Legume Fertility

MINIMUM GUARANTEE

ACTIVE: 1.0 x 10⁶ cfu *Penicillium bilaii* per gram and 1.0 x 10⁸ *Mesorhizobium ciceri* viable cells per gram

INERT: Peat granules and water

Drop TagTeam granular bags once on each edge to loosen compacted granules.

Refer to back of the bag for use instructions.



Novozymes BioAg
3935 Thatcher Avenue
Saskatoon, SK Canada S7R 1A3
1-888-744-5662*

*Available 24 hours a day/7 days a week, April-June 15, otherwise business hours.

Net contents
16.5 kg (36.4 lb)

TagTeam®

chickpea

TagTeam® granular

phosphate-solubilizing and nitrogen-fixing inoculant for

chickpea

PROD. # 7065300-720

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 the hopper, rotor, feed 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 for details)
- 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 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 lb/ac)	5.3 kg/ha (4.7 lb/ac)	4.6 kg/ha (4.1 lb/ac)	4.0 kg/ha (3.6 lb/ac)	3.7 kg/ha (3.3 lb/ac)	3.1 kg/ha (2.7 lb/ac)	2.4 kg/ha (2.2 lb/ac)
Area treated per bag	2.7 ha (6.6 ac)	3.1 ha (7.7 ac)	3.5 ha (8.6 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/cm³ (43 lb/ft³).

Special considerations

Environmental conditions can change the flowability of TagTeam granular inoculant.

- Do not allow TagTeam granular to get wet or to dry out
- In humid conditions, check and clean metering system regularly to ensure consistent flow

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 plants can use.

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. Do not store opened bags of TagTeam
- Use before the expiry date. The expiry date is valid only for unopened bags stored under the conditions listed above
- Use this product only in well-ventilated areas

TagTeam granular contains fungal spores and viable bacterial cells. This product may cause adverse effects to individuals allergic to molds and/or fungi and should not be used by immunocompromised and/or immunosuppressed individuals. Absorption by eye or skin contact, inhalation, and ingestion must be prevented at all times when handling this product. Users MUST wear standard protective clothing and equipment including gloves, safety glasses, and a NIOSH-approved respirator during product use and storage as well as during equipment maintenance and clean-up. 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.

Where to use for maximum benefit

Higher nitrogen fixation with 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 P₂O₅/ha (15-20 lb P₂O₅/ac)] 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.

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.

Product of Canada • Registration Number: 2006011A Fertilizers Act. Not a fertilizer substitute. Printed in Canada 12082 06 12

MINIMUM GUARANTEE

ACTIVE: 1.0 x 10⁶ cfu *Penicillium bilaii* per gram and 1.0 x 10⁸ *Mesorhizobium ciceri* viable cells per gram

INERT: Peat granules and water



Novozymes BioAg
3935 Thatcher Avenue
Saskatoon, SK Canada S7R 1A3
1-888-744-5662*

*Available 24 hours a day/7 days a week, April-June 15, otherwise business hours.

Net contents
16.5 kg (36.4 lb)