

# biotrinsic™

by indigo



**BIOFUNGICIDE**

Seed treatment for the protection against  
Fusarium and Rhizoctonia on wheat seeds

**ACTIVE INGREDIENT:** Natamycin ..... 13.459%  
**OTHER INGREDIENTS:** ..... 86.541%  
**TOTAL** ..... 100.000%

Contains 1.25 lbs Natamycin per gallon  
(150 grams Natamycin per Liter)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID

If swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on skin	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)). For emergencies, call the poison control center 1-800-222-1222, 24 hours a day, 7 days a week.

EPA Reg. No. 92311-2-95213

- EPA Est. No. 70815-GA-001
- EPA Est. No. 70815-GA-003
- EPA Est. No. 39578-TX-001
- EPA Est. No. 92311-NLD-001

Batch Code:

Net Contents: 1 gallon

**indigo**

**Guaranteed and Marketed by:**

Indigo Ag, Inc.  
500 Rutherford Avenue  
Charlestown, MA 02129  
Ph. (901) 250-5737

**Manufactured by:**

Ceradis B.V.  
Agro Business Park 10  
6708 PW Wageningen  
The Netherlands

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Protective eyewear
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are provided, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

**[Container sizes less than 5 gallons]** For terrestrial uses: **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

**[Container sizes equal to or greater than 5 gallons]** **DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

### Product Description

biotrinsic™ by Indigo® X12 WD Biofungicide is highly active against true fungi. biotrinsic™ by Indigo® X12 WD Biofungicide contains the biological molecule, Natamycin. Natamycin is a natural fermentation product of soil bacteria as a defense mechanism against fungi. The mode of action of Natamycin is unique and does not affect any other type of microorganism. biotrinsic™ by Indigo® X12 WD Biofungicide is a stable liquid fungicide seed treatment that provides protection against all Fusarium and Rhizoctonia diseases.

## Application Information

### Use Information

Apply biotrinsic™ by Indigo® X12 WD Biofungicide as a water-based slurry either alone or with registered seed treatments using standard slurry or mist-type seed treatment application equipment.

biotrinsic™ by Indigo® X12 WD Biofungicide may be used in combination with other registered seed treatment products. Check for compatibility with other seed treatment products before use.

Dilute with sufficient amount of water to achieve uniform application. Use high quality, properly cleaned seed.

All seed treated commercially with this product must be adequately dyed with a suitable color to prevent accidental use as food for humans or feed for animals. Use an EPA- approved dye or colorant that imparts an unnatural color to the seed. Any dye or colorant added to treated seed must be cleared for use pursuant to 40 CFR 153.155.

### Mixing Instructions

Add 1/2 to 2/3 of the required water to the treatment slurry tank followed by any accompanying seed treatment products and biotrinsic™ by Indigo® X12 WD Biofungicide (see application rate table below). The order of product addition is dependent on the accompanying seed treatment products and application equipment used. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained. After all slurry components have been added and dispersed completely, add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform.

Maintain adequate agitation until treatment slurry is applied. Ensure that seed is dry prior to packaging.

### Application Rate

Crop	Diseases	Product Use Rate (mL/kg seed)	Product Use Rate (fl. oz. per 100 lbs. seed)
Wheat	<i>Fusarium</i> spp.	0.8	1.23
Wheat	<i>Rhizoctoni</i> spp.	0.8	1.23

### Seed Labeling

Seed treated with biotrinsic™ by Indigo® X12 WD Biofungicide that is then packaged for future use must contain the following labeling on the outside of the seed package.

- This seed has been treated with biotrinsic™ by Indigo® X12 WD Biofungicide.
- Do not use this treated seed for food, feed, or oil production.
- Wear long-sleeved shirt, long pants, shoes, socks, and gloves when handling treated seed.
- Store treated seed away from food and feed.
- Do not allow access by children, pets, or livestock.
- Do not reuse empty seed containers.
- Store or dispose of surplus treated seed or empty seed containers according to local requirements.
- Do not contaminate bodies of water when disposing of excess treated seed or wash waters from planting equipment.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep pesticide in original container. Store product away from direct sunlight between 40°F and 90°F.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. If burned, stay out of smoke.

### Limitations of Use

Any buyer or user (each a "Customer") agrees to handle and use this product in conformity with all limitations of use, including the prohibition of analyzing for content, reverse engineering, extracting, purifying, or otherwise obtaining any material, for any use whatsoever, from the product in any form. This prohibition includes the growing or culturing of any material for further use of such material for any use whatsoever including research. Customer agrees that this product will only be used as instructed on the product label and only for the crop and purpose stated therein.

### Conditions of Sale and Warranty

The directions for application and use of this product must be followed carefully and in accordance with applicable law. It is impossible to eliminate all risks inherently associated with the use, storage and disposal of this product. Crop loss, ineffectiveness or other unintended consequences may result because of such factors including improper application or use, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Indigo. All such risks shall be assumed by the Customer, and the Customer agrees to hold Indigo harmless for any claims relating to such factors. Indigo warrants that this product conforms to the description on the corresponding label within reasonable tolerances.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INDIGO MAKES NO OTHER WARRANTIES AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR AN INTENDED PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE CUSTOMER, AND THE EXCLUSIVE LIABILITY OF INDIGO FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE LIMITED TO THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF INDIGO, THE REPLACEMENT OF THE PRODUCT. Customer acknowledges that this shall be the exclusive and sole remedy of the Customer and any third party for any such loss and that in no event shall Indigo be liable for any incidental, consequential or special damages resulting from the use of this product. Indigo offers this product, and by using this product Customer accepts it, subject to the foregoing Limitations of Use, Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by a written agreement signed by a duly authorized representative of Indigo.

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