

5"

# NataNox™

Seed treatment product for protection against damage from certain seed and seedling diseases of listed crops

**Active Ingredient:**

Natamycin..... 62.46%

**Other Ingredients**..... 37.54%

**Total**..... 100.00%

## 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.

## KEEP OUT OF REACH OF CHILDREN CAUTION

(See inside panel for additional precautionary statements)

Distributed by:

**DPH Biologicals LLC**

21417 County Road 1950 East

Princeton, IL 61356

Phone: 1-800-648-7626

[www.dphbio.com](http://www.dphbio.com)

EPA REG NO. 92311-6-94485

EPA EST NO. 94485-IL-1

Net Contents: 6.6 oz (187 g)



P-F-PWD-NATNX-6.6OZ

P-3-LBL-NNXAK-100A

3.75"

## 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:

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 rinseate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protect handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE), and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

EXCEPTION: If the product is soil incorporated, the Worker Protections Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

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

### Product Description

NataNox™ is highly active against true fungi. NataNox 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. NataNox is a solid fungicide seed treatment that provides protection against all *Fusarium* and *Rhizoctonia* diseases. On soybean seeds, it provides protection against *Fusarium* spp. such as *Fusarium virguliforme*, the causal agent of Sudden Death Syndrome.

### Mixing Instructions:

This product may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment.

Water-based Slurry 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 NataNox (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.

This product may be applied as a dry hopper box or on farm tank mix seed treatment.

**Hopper Box/Tank Mixing Instructions:**

Hopper box application: apply NataNox to hopper box at time of planting and blend thoroughly to coat seed.

On-Farm Tank Mix application: apply NataNox to the tank/ container with seed present and agitate gently until product has adequately coated seed. Transfer to planting equipment.

**Application Instructions:**

Consult the manufacturer should you have any questions regarding application of this product prior to use.

Prepare no more mixture than is required for the immediate operation. This product may be applied as a dry powder seed treatment with other registered seed treatment insecticides and fungicides with similar use directions. When tank/ hopper box mixing with other seed treatment products, observe all directions for use, crop/sites/use rates, dilution ratios, precautions, and limitations that appear on the tank mix partner label(s). No label dosage may be exceeded, and the most restrictive label precautions and limitations must be followed.

For commercial seed treatment: This product does not contain dye. All seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for humans or feed for animals. The federal Seed Act requires that bags containing seed treated with this product shall be labeled with the following information: "This seed has been treated with *Natamycin*. Do not use for food, feed, or oil purposes. Store away from feeds and foodstuffs."

Hopper Box/Slurry Box/on Farm Tank Mix:

This product may be applied as a dry hopper box/slurry box/or on farm tank mix seed treatment. Consult the manufacturer prior to using NataNox in hopper box, planter box, slurry box or other seed treatment applications at or immediately before planting.

Seed Treatment Using NataNox		
Crop	Diseases	Rate per 100 lb. of Seed to be Treated
Soybeans	Damping-off fungus - <i>Rhizoctonia</i> spp. - <i>Fusarium</i> spp. Sudden Death Syndrome - <i>Fusarium virguliforme</i>	0.33 to 0.66 oz.
Corn	<i>Fusarium</i> spp.  <i>Rhizoctonia</i> spp.	0.33 to 0.66 oz.

## 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. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

### Conditions of Sale and Warranty

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather or crop conditions, manner of use or application, presence of other material or other influencing factors in the use of the product, which are beyond the control of DPH Biologicals LLC, the manufacturer or the seller. To the extent consistent with applicable law, Buyer and User agree to hold DPH Biologicals LLC and Seller harmless for any claims relating to such factors. To the extent consistent with the applicable law, DPH Biologicals LLC makes no other warranties of merchantability or fitness for a particular purpose. To the extent consistent with the applicable law, the exclusive remedy of the User or Buyer for any and all claims, losses, injuries or damage resulting from the use or handling of this product (including claims based on contract, warranty, negligence, strict liability, tort or otherwise) shall not exceed the purchase price paid by the User or Buyer for the quantity of this product involved. To the extent consistent with the applicable law, in no event shall DPH Biologicals LLC or the Seller be liable for special, incidental or consequential damages resulting from the use, handling, application, storage or disposal of this product. To the extent consistent with applicable law, no agent or employee at DPH Biologicals LLC or seller is authorized to modify the terms of the warranty disclaimer or the product's label. To the extent consistent with applicable law, Buyer and User accept the Conditions of Sale and Warranty by opening and using the product.



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