

VeraNoX™

Active Ingredient:

Beauveria bassiana strain ANT-03*100.0%

Total:100.0%

*Contains not less than 2.2 x 10⁸ viable conidia/gram of product.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If in eyes	Hold eye open and rinse slowly and gently with water for 15 - 20minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, npic@ace.orst.edu, 8:00AM to 12:00PM Pacific Time, Monday through Friday. See website for details: <http://npic.orst.edu>.

See inside page for additional precautionary statements.

Keep Refrigerated 39° ± 2°F (4 ± 2°C)

Manufactured for:

DPH Biologicals LLC
21417 County Road 1950 East
Princeton, IL 61356 USA
Phone: 1-800-648-7626
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EPA REG NO: 89600-8-94485
EPA EST NO: 94485-IL-1
Net Contents: 1 lb

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals - CAUTION: Causes moderate eye irritation. Harmful if inhaled or swallowed. Avoid contact with eyes or clothing. Avoid breathing dust or spray mist. 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
- protective eyewear
- waterproof gloves
- shoes plus socks

Mixer/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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

Engineering Controls: When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protections Standard (WPS) for agricultural pesticides, 40 CFR 170.607 (d, e), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

User Safety Recommendations

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards: For terrestrial uses: This product may harm beneficial insects and honeybees. Do not apply while bees or other pollinating insects are actively foraging. This product may be harmful to aquatic organisms. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply within 50 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fishponds). Do not apply directly to water, or to areas where surface water is present or to inter tidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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 four (4) hours.

EXCEPTION: If the product is soil injected or 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:

- Coveralls
- Protective eyewear
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treatment area until seeds have dried or have been packaged.

PRODUCT INFORMATION – AGRICULTURAL CROPS

Product Description:

VeraNoX is a biological insecticide containing the active ingredient *Beauveria bassiana* strain ANT-03 for use on the following labeled growing crops to control insect pests. *Beauveria bassiana* strain ANT-03 is an entomopathogenic fungus which is native in North American soils. This biological insecticide adheres to the insect outer layer, causing infection that results in death. The fungus is compatible with some insecticides and most biological control methods.

INTEGRATED PEST (DISEASE) MANAGEMENT (IPM)

VeraNoX is an important tool in sound disease management whenever pesticide use is necessary. Apply VeraNoX alone or in combination and/or rotation with biological and chemical insecticides. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

PREHARVEST INTERVAL – AGRICULTURAL USE

Pre-harvest interval for VeraNoX is zero (0) days. VeraNoX can be applied up to and including the day of harvest.

SEED TREATMENT MIXING AND APPLICATION INSTRUCTIONS

Apply VeraNoX as a dry and/or slurry seed treatment on the listed crops to control against the labeled insects. When 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. Prepare no more mixture than is required for immediate operation.

For Commercial Seed Treatment:

This product may be applied as a water-based slurry with other registered seed treatment insecticides and bactericides through standard slurry or mist-type commercial seed treatment equipment. It is recommended to use a non-ionic wetting agent when blending this product with water.

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 the bags containing seed treated with this product shall be labeled with the following information: "This seed has been treated with *Beauveria bassiana* strain ANT-03. Do not use for food, feed or oil purposes. Store away from feed and foodstuffs."

Hopper Box/Slurry Box/on Farm Tank Mix:

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

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

On-farm tank mix application: apply VeraNoX to the tank/container with seed present and agitate gently until product has adequately coated seed. Transfer to planting equipment.

Compatibility:

VeraNoX is compatible with some fertilizers, micronutrients, organic input materials and biological or chemical insecticides. DO NOT combine with other materials if there is no previous experience, or use of the combination to show it is physically compatible and non-injurious under your conditions. Check for compatibility with other products. VeraNoX has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties in and with all mixtures and combinations is not feasible. Therefore, consult your DPH Biologicals LLC representative for more information on VeraNoX compatibility when combining with pesticides, surfactants/adjuvants and fertilizers.

Restriction:

DO NOT mix with fungicides, concentrated acids such as sulfuric acid, solvents, or oxidizing agents. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

SEED TREATMENT		
Crop	Rate	Insect/Pest
Nongrass Animal Feeds including: Alfalfa, Bean (velvet), Clover, Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Vetch and Cultivars, Varieties, and Hybrids of these.	0.1 – 4.8 oz per acre (3 – 136 g/acre)	Corn Rootworm Seedcorn maggot White grubs
Legume Vegetables including: Green Beans, Snap Bean, Lima Bean, Kidney Bean, Navy Bean, Pinto Bean, Wax Bean, Pole Bean, Garden Pea, Pea and Field Bean, and Soybeans.	0.1 – 9.6 oz per cwt (3 – 300 g per 50 kg), not to exceed 4.8 oz per acre	
Cereal Grains including: Barley, Buckwheat, Corn (Sweet, Dried Field), Millet, Pearl Millet (peral, proso), Oats, Popcorn, Rice, Rye, Sorghum, Sweet Corn, Teosinte Triticale, Wheat, Wild Rice and Cultivars, Varieties, and Hybrids of these.	0.1 – 20 oz per cwt (3 – 592.5 g per 50 kg), not to exceed 4.8 oz per acre	
Oilseed including: Castor, Cottonseed, Flax, Mustard, Rapeseed, Poppy, Safflower, Sesame, Sunflower, and cultivars, varieties, and/or hybrids of these.	0.1 – 4.8 oz per acre	

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place out of direct sunlight and away from heat sources. Keep from overheating or freezing. Recommended storage conditions are 39 ± 2 °F (4 ± 2 °C), store at refrigerator temperatures in dry place.

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 liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then, offer for recycling if available, or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Warranty and Disclaimer Notice

The directions for use of this product are believed to be adequate and must be followed carefully. It is impossible to eliminate all risk inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absences of other materials, or the manner of use or application, all of which are beyond the control of DPH Biologicals LLC, the manufacturer, or the seller.

To the extent consistent with applicable law, the products sold to you are furnished "as is" by DPH Biologicals LLC. The manufacturer and the seller are subject only to the manufacturer's warranties, if any, which appear on the label of the product sold to you. Except as warranted by this label, DPH Biologicals LLC, the manufacturer, or the seller makes no warranties, guarantees, or representations of any kind to the buyer or the user, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold for use of the product, including, but not limited to merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and DPH Biologicals LLC, the manufacturer's or the seller's total liability shall be limited to damages not exceeding the cost of the product. No agent or employee of DPH Biologicals LLC, or the seller is authorized to amend the terms of this warranty disclaimer or the product's label or to make a presentation or recommendation different from or inconsistent with the label of this product.

To the extent consistent with applicable law, DPH Biologicals LLC, the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damage in the nature of penalties, and buyer and the user waive any right that they may have to such damages.

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