



## Aerosol Grade – Potato Sprout & Silver Scurf Control



### ACTIVE INGREDIENTS:

Clove Oil .....100.0 %

NOTICE: This product has not been registered by the US Environmental Protection Agency (EPA). Pace International, LLC represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

**KEEP OUT OF REACH OF CHILDREN**

### DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Do not eat drink or smoke when using this product. Causes eye irritation and skin irritation. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Do not breathe fumes, mist, vapors, or spray: Product may cause allergy symptoms, asthma symptoms, or breathing difficulties if inhaled. Use only outdoors or in a well-ventilated area. May cause damage to organs (mucous membranes) through prolonged or repeated exposure. Harmful to aquatic life.

### FIRST AID

If Swallowed: Rinse mouth and then call a poison control center or doctor immediately for treatment advice if you feel unwell.

If on Skin: Wash with plenty of soap and water. Call a poison control center or doctor for treatment advice if skin irritation occurs. Take off contaminated clothing and wash it before reuse.

If Inhaled: Move person to fresh air. Call a poison control center or doctor for treatment advice if experiencing respiratory symptoms. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing. Get medical advice/attention if eye irritation persists.

NOTE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection sheet.

Applicators and other handlers must wear: long-sleeved shirt, long pants, shoes, socks, protective eyewear (goggles or face shield), and chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber.

For re-entry into treated areas during application and prior to ventilation or settling of aerosol fog, workers must wear: coveralls over long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any waterproof

material, such as polyvinyl chloride, nitrile rubber or butyl rubber; face-sealing goggles, unless a full-face respirator is worn; and a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

### ENVIRONMENTAL HAZARDS

Avoid release into the environment. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### DIRECTIONS FOR USE

BIOX-C can be applied anytime after potatoes are placed into storage. BIOX-C is intended for application as an aerosol through Forced Air Distribution Systems.

#### Forced Air Distribution Method

1. Prepare aerosol generating equipment. Insert aerosol generator intake hose into the BIOX-C container.
2. Set air ducts for recirculation.
3. Placing the exhaust end of aerosol generator at the center of the plenum (air mixing chamber) pointing in the direction of the air flow is an example of an application set-up. Methods of BIOX-C application vary to the storage design, ventilation system, etc. Uniform BIOX-C applications are usually accomplished by experienced, licensed applicators. Contact your local applicator for additional information.
4. Operate recirculation fans continuously during application and for at least 4 hours after completing application (or until fog has completely settled).
5. Ventilating the building after treatment for three (3) to seven (7) days prior to removal of potatoes from storage to reduce potential potato surface odor carry-over is suggested. Length of ventilation time depends on the rate applied and storage temperature.

#### Potato Sprout Control During Storage

Initial and subsequent aerosol application doses of BIOX-C vary to the potato variety, bud growth stage of the potatoes, storage temperature, duration of storage, pile conditions (rot, dirt, etc.) and storage design. Contact your local BIOX-C dealer to determine the required application rate for your specific needs and follow the suggested application rate recommendations in the table below.

For optimum sprout control, apply BIOX-C after at least one 'peepee' (showing white tissue) per tuber is observed on stored potatoes. Repeat applications may be applied as necessary throughout the storage duration.

For a Rate of	Apply 1 Gal BIOX-C to	For a Rate of	Apply 1 Gal Biox-C to
27 ppm	3200 cwt (160 tons)	43 ppm	2000 cwt (100 tons)
29 ppm	3000 cwt (150 tons)	48 ppm	1800 cwt (90 tons)
31 ppm	2800 cwt (140 tons)	54 ppm	1600 cwt (80 tons)
33 ppm	2600 cwt (130 tons)	62 ppm	1400 cwt (70 tons)
36 ppm	2400 cwt (120 tons)	72 ppm	1200 cwt (60 tons)
39 ppm	2200 cwt (110 tons)	87 ppm	1000 cwt (50 tons)

**5 Gallons  
(19 Liters)**



Manufactured By:

**Pace International** LLC

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# Biox<sup>®</sup>-C

## Silver Scurf (*Helminthosporium solani*) Control on Potatoes During Storage

High initial dose of 130 to 160 ppm maybe required to kill Silver Scurf spores for control of secondary spread in storage. Rates will depend on level of infection, storage temperature, storage duration, and condition of the potato pile (dirt, rot, etc.). Applications for Silver Scurf control should be made after the storage has been filled and the cooling process has started. Subsequent applications maybe required if the potatoes are disturbed.

For a Rate of	Apply 1 Gal BIOX-C to	For a Rate of	Apply 1 Gal Biox-C to
96 ppm	900 cwt (45.0 tons)	133 ppm	650 cwt (32.5 tons)
102 ppm	850 cwt (42.5 tons)	144 ppm	600 cwt (30.0 tons)
108 ppm	800 cwt (40.0 tons)	157 ppm	550 cwt (27.5 tons)
115 ppm	750 cwt (37.5 tons)	173 ppm	500 cwt (25.0 tons)
124 ppm	700 cwt (35.0 tons)	192 ppm	450 cwt (22.5 tons)

Do Not apply BIOX-C to potatoes in the field.

Do Not apply BIOX-C to seed potatoes.

Do Not allow BIOX-C vapors to come in contact with areas used for cutting potato seeds or with seed cutting equipment. If this happens, ventilate the area for 30 days before the seed is allowed into the facility. Wash seed cutting equipment with warm soap and water and air-dry for 48 hours.

Do Not use previously BIOX-C treated storage areas for temporarily holding seed potatoes until at least 60 days after treatment. Additionally, air system components (including ducts) and storage building must first be thoroughly ventilated before use for seed potato storage.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Keep container closed. Keep out of direct sunlight and store at room temperature in a well-ventilated place. Keep in a locked location.

**Pesticide Disposal:** Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

For more information about PACE's products, their uses and benefits, consult your PACE representative or our website at [www.paceint.com](http://www.paceint.com).

**IMPORTANT:** Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

### LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY

Upon purchase or use of this product, purchaser and user agree to the following terms:

**Warranty:** Pace International, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. The Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose; no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

**Terms of Sale:** The Company's directions for use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with

use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. All such risks are assumed by the user. Sale of this product is governed by the internal laws of the state of Washington; any action with respect to this product shall be brought exclusively in the state or federal courts located at Seattle, Washington U.S.A.

**Limitation of Liability:** The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. Under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income, and any such claims are hereby waived.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.  
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The use of BIOX-C in agricultural crop protection is covered by US Patent 5,858,436 and other patents pending.

BIOX is a registered trademark of Pace International, LLC.

Product of USA

