



BIOX-C®

POST-HARVEST

Aerosol Grade – Potato Sprout & Silver Scurf Control

ACTIVE INGREDIENT:

Clove Oil. 100.0%

EPA Est. No. 64864-WA-1

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

CAUTION - CUIDADO

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 in contact with skin or if swallowed. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

FIRST AID

If Swallowed: Get medical attention immediately. If medical attention is not immediately available, induce vomiting by touching finger to back of throat or giving syrup of ipecac as directed on the package. Do not make an unconscious person vomit.

If in Eyes: Wash eyes thoroughly with water for at least 15 minutes, get medical attention immediately.

If On Skin: Wash with soap and water.

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 a poison control center or doctor for further treatment advice.

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.

See back panel for additional precautions and directions for use.

SKU# A-BIOXCX-AA0-5GL

Lot #:

Net Contents: 5 Gallons (19 Liters)



ENVIRONMENTAL HAZARDS

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 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 'peeper' (showing white tissue) per tuber is observed on stored potatoes. Repeat applications may be applied as necessary throughout the storage duration.

*Rate/CWT	*Rate/Ton	PPM	Rate/CWT	Rate/Ton	PPM
3200	160	27	2000	100	43
3000	150	29	1800	90	48
2800	140	31	1600	80	54
2600	130	33	1400	70	62
2400	120	36	1200	60	72
2200	110	39	1000	50	87

*One (1) gallon (BIOX-C) per cwt or ton.

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

High initial dose of 130 to 160 ppm may be 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 may be required if the potatoes are disturbed.

*Rate/CWT	*Rate/Ton	PPM	Rate/CWT	Rate/Ton	PPM
900	45.0	96	650	32.5	133
850	42.5	102	600	30.0	144
800	40.0	108	550	27.5	157
750	37.5	115	500	25.0	173
700	35.0	124	450	22.5	192

*One (1) gallon (BIOX-C) per cwt or ton.

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.

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.

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-C is a registered trademark of Pace International, LLC.

Product of USA



Manufactured By:

Pace International LLC

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