

BIOX[®]-C

P O S T H A R V E S T

Aerosol Grade – Potato Sprout & Silver Scurf Control

ACTIVE INGREDIENTS:

Clove Oil100.0%

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 en detalle.

(If you do not understand this label, find someone to explain it to you in detail.)

HAZARD STATEMENTS

Danger. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed.

PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling. Do not breathe fume, gas, mist, vapors, or spray. Do not eat, drink or smoke when using this product. Wear protective clothing, chemical resistant gloves, and safety glasses. In case of inadequate ventilation wear respiratory protection, best used outdoors or in a well-ventilated area. Fogging applicators must wear a NIOSH-approved full-face respirator with organic vapor filter. Contaminated work clothing should not be allowed out of the workplace.

FIRST AID STATEMENTS

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. See First Aid, Section 4 on your SDS for further instructions.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER / doctor for treatment advice. Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing.

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. Wash any contaminated clothing before reuse.

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

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 wash waters.

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.

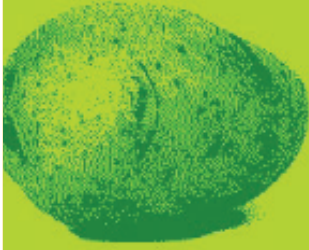
Potato Sprout Control During Storage

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

Manufactured by:

 **Pace International** LLC
5661 Branch Road, Wapato, WA 98951 800.936.6750



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P O S T H A R V E S T

For a Rate of Apply 1 Gal BIOX-C to For a Rate of Apply 1 Gal BIOX-C to

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)

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.

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: Store in a well-ventilated space. Store locked up. Keep container tightly closed and upright to prevent leakage and contamination. Keep out of reach of children and livestock.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed on site or in accordance with local/regional/national/ or international regulations.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. Decontaminated and punctured containers may also be disposed of in a sanitary land fill.

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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



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