

SILVER SCURF CONTROL ON POTATOES DURING STORAGE (FOR A RATE OF 144 PPM)

General Information

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 carryover is suggested. Length of ventilation time depends on the rate applied and storage temperature.

Limitations, Restrictions, and Exceptions

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.

- Apply 1 Gal to 600 cwt (30.0 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

Method

[Broadcast/Foliar Air](#)

Rates

[field rates 0](#)

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Timings

[Post-harvest](#)