

2021-6628  
2024-05-30

# BIOX – M

## FOR THE CONTROL OF SPROUTING OF POTATOES IN STORAGE

LIQUID

COMMERCIAL  
For professional users only

**READ THE LABEL BEFORE USING**

**ACTIVE INGREDIENT:** Spearmint Oil..... 100%

**REGISTRATION NUMBER 35199 PEST CONTROL PRODUCTS ACT**

**POTENTIAL SKIN SENSITIZER**

For indoor use only

**Net Contents:** 5L, 10L, 20 L

**Xeda International SAS**  
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250-656-0021

**Batch No.**  
**Expiration date**



**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN. Potential sensitizer. Avoid contact with skin, eyes and clothing. Avoid breathing vapours or fog.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

For loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**FIRST AID:****If swallowed**

Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**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 centre or doctor for further treatment advice.

**If in eyes**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**NOTICE TO USER :**

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**DIRECTIONS FOR USE:**

**Field(s) of use:** post harvest sprout control for potatoes during storage.

**Crop:** Potato

**Time of application:** post harvest

**Application:****IMPORTANT – information about Application equipment:**

***Biox-M must only be applied with XEDA Electrofogging machine (Venturi type) or Synofog. Read the Electrofog instruction manual before use. For use with other machines, please check for previously written approval by Xeda International.***

***Traditional Electrofog models without a Venturi system are not suitable for application of BIOX-M, due a possible risk of fire. The new Electrofog with the Venturi system have a serial number starting with the letter H. If the H is absent from the serial number, the Electrofog must not be used to apply BIOX-M.***

***Biox-M must not be applied with combustion fogging machines (using petrol as a fuel) like Swingfog, Pulsfog or Igeba equipment, since it bears an unacceptable risk for causing a fire. Additionally, combustion fogging machines can produce CO<sub>2</sub> and ethylene, which combination in the storage room may be detrimental to the potato quality.***

***When in doubt, contact Xeda International.***

Make sure the tubers are not moist before the application..

The first application with BIOX-M® should be as soon as dormancy has broken and eye movement is visible ('blinking' or 'peeping'). Subsequent applications should be made, when eyes begin to show further movement. For rescue treatments to crops with established sprouts, application should be as soon as the problem has been identified.

External air exchange and refrigeration units should be turned off in sufficient time (24 hours is suggested) before treatment to ensure that the internal store temperature is even so as to avoid risk of condensation. Ensure that there is no ice or moisture in refrigeration units.

Stores should be kept closed for at least 48 hours following treatment.

Appropriate internal air circulation should be available to ensure an even distribution of fog through the crop.

Follow the instructions for use for application, including the storage room preparation, provided by the Xeda International Representatives

**Dose rate:** The maximum total application rate during the whole storage period amounts to 390 mL / Metric Ton.

**Thermal fogging** with the XEDA ELECTROFOG: Application between 30 and 90 mL/ Metric Ton each time. Maximum number of applications: 11 with a minimum interval of 21 days between any two consecutives.

**Waiting periods:** a waiting period of 12 days prior to shipping is recommended to allow the scent to dissipate.

**Restricted Entry Interval (REI):**

DO NOT enter the treatment area until it has been completely ventilated, with either 10 air exchanges, or 2 hrs of ventilation using fans or other mechanical ventilation systems, or 4 hrs of ventilation using vents, windows, or other passive ventilation. If visible aerosol remains after these periods, do not enter until the aerosol has settled.

If entry into treated areas is required before complete ventilation has taken place, workers must wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes and a respirator with a NIOSH/MSHA approved organic vapour removing cartridge with a pre-filter approved for pesticides.

**Storage and shelf-life:** Can be stored for up to 3 years in sealed containers at temperature between 0°C to 35°C. Do not contaminate water with the product or its container.

**DISPOSAL:**

Thoroughly empty the contents of the container into the application device.

Do not reuse the empty container. Make the empty container unsuitable for further use.

Dispose of empty container in accordance with provincial/territorial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills..

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