

# xeda international

technologie pour l'agriculture



## BIOX-M MAPP XXXXX

**A liquid sprout inhibitor for use on ware potatoes in store.  
Contains 100 % w/w Spearmint Oil as a hot fogging concentrate.**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

**COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED \* IS A LEGAL REQUIREMENT**

FOR USE ONLY AS AN AGRICULTURAL SPROUT GROWTH INHIBITOR IN FOOD STORAGE

Crops: Potato (post-harvest use).

Maximum total dose: 390 ml of product per tonne of potatoes.

Maximum individual dose: 90 ml of product per tonne of potatoes.

A minimum interval of 21 days must be observed between applications.

Latest time of application: 12 days before removal from store for sale or processing.

**READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS BEFORE USE**



**HARMFUL**



**DANGEROUS FOR  
THE ENVIRONMENT**

May cause sensitisation by skin contact.

Harmful: may cause lung damage if swallowed.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Keep out of the reach of children.

Avoid contact with skin.

Wear suitable gloves.

This material and its container must be disposed of as hazardous waste.

Avoid release to the environment. Refer to special instructions/safety data sheet.

If swallowed do not induce vomiting, seek medical advice and show the label.

To avoid risks to man and the environment, comply with the instructions for use.

### SAFETY PRECAUTIONS

#### Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

\* WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when applying the product and when handling the concentrate.

DO NOT BREATHE VAPOUR.

WASH CONCENTRATE from skin or eyes immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

\* WEAR SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT when re-entering treated areas within 24hr of treatment.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

\* KEEP UNPROTECTED PERSONS OUT OF TREATED AREAS for at least 24hr after application.

#### Consumer protection

DO NOT REMOVE POTATOES FOR SALE OR PROCESSING FOR AT LEAST 12 DAYS AFTER APPLICATION.

#### Environmental protection

\* DO NOT USE OUTDOORS.

\* DANGEROUS TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

#### Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

\* DO NOT RE-USE CONTAINER for any purpose. (Do not re-use, refill or recharge container).

**Approval holder:** Xeda International S.A., 2 Z.A. la CRAU, 13670 ST-ANDIOL (France), Tel : + 33 4 90 90 23 23, Fax: + 33 4 90 90 23 20

**Contents: 5 Litres**

**Marketing company:** Juno (Plant Protection) Ltd., Little Mill Farm, Underlyn Lane, Marden, Kent, TN12 9AT, 01622 831376

**Batch No:**

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## DIRECTIONS FOR USE

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be read carefully for safe and successful use of this product. Read accompanying instructions before use.

### PROBLEM CONTROLLED

BIOX-M is a sprout inhibitor for the post-harvest treatment of potatoes.

### RESTRICTIONS

Do not remove potatoes for sale or processing for at least 12 days after application.

### CROP SPECIFIC INFORMATION

Potatoes should have a set skin and be largely free from soil/debris.

Do not apply to potatoes until they are dry and cured, generally 6-15 days post harvest.

The 1<sup>st</sup> application should be applied before sprouting is visible. Sprout control efficacy may be reduced if storage temperature is above 10°C.

### DOSE RATE

**Rate of application:** The first application should be at a rate of 90 ml/tonne followed by up to 10 repeat applications, at a minimum of 21 day intervals, at 30 ml/tonne.

### METHOD OF APPLICATION

BIOX-M is to be used exclusively with Xeda/Cedax Electrofog hot fogging equipment.

Electrofog equipment should be placed outside the store.

**IMPORTANT:** Follow the Xeda/Cedax Electrofog instructions.

**The temperature of the fog exiting the vapourisation pipe should be 185-190°C.**

**The resistance temperature should be 450-650 °C.**

During application all doors and louvres should be tightly closed. Normal ventilation may be resumed 24 hrs after application.

#### Application Procedure:

**Stop refrigeration and ensure all refrigeration equipment is free from ice and store temperature is even before application**

For potatoes in crates or boxes:

- Apply the product in the absence of internal circulation, at the end of the application apply low speed internal circulation for a short period, typically 2 to 5 minutes
- Wait a further 2 hours before applying continuous low speed internal circulation for about 22 hours

For potatoes in bulk:

- Apply the product with concomitant low speed internal circulation
- Allow internal fans to run continuously at low speed for 24 hours

**Normal store control should resume 24 hours after end of application.**

### MIXING and COMPATIBILITY

BIOX-M is applied neat.

## COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 1995 and serves to provide additional advice or information on the product use at the discretion of the applicant.

### CROP CONDITION

For best results apply BIOX-M before the potato eyes open.

### GENERAL STORAGE CONSIDERATIONS

Stores should be loaded as quickly as possible to ensure that the curing time is not unnecessarily extended and that the first potatoes loaded have not started to sprout before the last potatoes are cured.

The stacking height for boxes is dictated by the British Standard Mark on the individual boxes and by health and safety legislation. Boxes should be stacked with the pallet slots aligned to aid circulation of the fog. In bulk stores, crop should be stacked to the design height, typically around 4 metres.

After loading the store ensure all surface moisture is removed by use of ventilation. For best results BIOX-M must be applied before the potato eyes open.

### STORAGE TEMPERATURE

Potatoes should be held at a temperature suitable for the end-use of the crop.

### CONDITIONS OF SUPPLY

All goods supplied are manufactured to our usual standard of quality, but all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of the goods are excluded and no liability (save as to the liability to replace defective goods herein provided) will be accepted by us for any damage, loss or injury whatsoever arising out of or in connection with the goods or drums or other containers thereof, or from the storage, handling, applications or use thereof. In the case of alleged defects in the manufacture of the goods proved by the customer to our satisfaction we will at our expense replace or otherwise remedy the defective goods. In particular, liability in tort arising in or out of the manufacture, distribution, sale or use of the product is hereby expressly excluded. All our goods are sold and supplied on the terms contained in our Standard Conditions of Sale (of which the above is a part) which shall prevail over any other terms and which may be inspected on request.

**Storage:** BIOX-M can be stored for up to 3 years in original sealed packaging at ambient temperature. Protect from frost.