

2024-0979  
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This label has been updated according to the re-evaluation decision for *Bacillus amyloliquefaciens* strain MBI 600 and *Bacillus subtilis* strain QST 713, RVD2024-02. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 01-29-2026 in accordance with the phase out period set out in the re-evaluation decision for *Bacillus amyloliquefaciens* strain MBI 600 and *Bacillus*

*subtilis* strain QST 713, RVD2024-02. This previously approved label will be provided upon request by emailing [hc.pmra.info-arla.sc@canada.ca](mailto:hc.pmra.info-arla.sc@canada.ca). In your email please include the product name and Registration number of the label you are requesting.

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(Sleeve)

**Trunemco™**

LIVE ORGANISM  
LIQUID  
BIOLOGICAL FUNGICIDE

Nematicide seed treatment for use in corn (all types) and soybean.

**COMMERCIAL**

**ACTIVE INGREDIENT:**

*cis*-Jasmone .....0.88%  
*Bacillus amyloliquefaciens*, strain MBI 600 ..... minimum of  $2.0 \times 10^9$  CFU per mL

WARNING: contains the allergen soy

**POTENTIAL SENSITIZER**

KEEP OUT OF REACH OF CHILDREN

**READ THE LABEL AND BOOKLET BEFORE USING**

**REGISTRATION NUMBER: 34519 PEST CONTROL PRODUCTS ACT**

NET CONTENTS: 900 mL

Nufarm Agriculture Inc.  
5101, 333 - 96th Ave NE  
Calgary, Alberta T3K 0S3  
1-800-868-5444

All seed treated with this product must be conspicuously coloured at the time of treatment. This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to colouration of treated seed under the Seeds Act must be strictly adhered to when using this product.

Date of Manufacture:

24-Hour Emergency Response Number 1-800-424-9300

Trunemco™ is a trademark of Nufarm Agriculture Inc.

## Trunemco™

### **PRECAUTIONS:**

#### **KEEP OUT OF THE REACH OF CHILDREN.**

May cause sensitization. Avoid contact with skin, eyes or clothing. Avoid inhaling/breathing of spray mists or dusts.

For use with commercial seed treaters (facilities and mobile treaters) with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. No open transfer of Trunemco is permitted.

Wear a long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter when handling and during all clean-up/repair activities. For all other activities involving the handling of treated seeds (e.g. bagging, stacking), long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter will be required. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not apply in a way that this product will contact workers or other persons either directly or through drift. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area where treatment is taking place during application or when seed is being treated or bagged.

When tank mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

### **ENVIRONMENTAL PRECAUTIONS:**

Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

### **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 soap and 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:

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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.

#### **LABELLING OF TREATED SEED:**

All containers or packages containing treated seed for sale or use in Canada must be labeled or tagged as follows:

General Information

**KEEP TREATED SEED OUT OF REACH OF CHILDREN AND ANIMALS.**

- This seed has been treated with Trunemco™ which contains *cis*-jasmone and *Bacillus amyloliquefaciens*, strain MBI600.
- Do not use for feed, food or oil processing. Store treated seed away from feeds and other foodstuffs. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing. Do not re-use bags from treated seed to handle food or feed products.
- When planting or handling treated seed, avoid contact with eyes, skin or clothing and avoid inhaling/breathing in dust. Workers must wear a long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter. For planters and handlers using closed systems, the requirements for waterproof gloves and respirator may be waived. However, this equipment must be immediately available for use in emergency such as a spill or equipment breakdown.
- Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

#### **STORAGE:**

Trunemco should be used within 2 years from the date of manufacture when stored at 4°- 25°C. Store this product away from food or feed. Do not allow to freeze.

#### **DISPOSAL:**

For refillable containers: For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For recyclable containers: DO NOT reuse this container for any other purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the 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.

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(Booklet)

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Nufarm Agriculture Inc.  
5101, 333 - 96th Ave NE  
Calgary, Alberta T3K 0S3  
1-800-868-5444

All seed treated with this product must be conspicuously coloured at the time of treatment. This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to colouration of treated seed under the Seeds Act must be strictly adhered to when using this product.

Date of Manufacture:

24-Hour Emergency Response Number 1-800-424-9300

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## Trunemco™

### **PRECAUTIONS:**

#### **KEEP OUT OF REACH OF CHILDREN.**

May cause sensitization. Avoid contact with skin, eyes or clothing. Avoid inhaling/breathing of spray mists or dusts.

For use with commercial seed treaters (facilities and mobile treaters) with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. No open transfer of Trunemco is permitted.

Wear a long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter when handling and during all clean-up/repair activities. For all other activities involving the handling of treated seeds (e.g. bagging, stacking), long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter will be required. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not apply in a way that this product will contact workers or other persons either directly or through drift. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area where treatment is taking place during application or when seed is being treated or bagged.

When tank mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

### **ENVIRONMENTAL PRECAUTIONS:**

Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wash water.

### **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 soap and 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.

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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.

#### **STORAGE:**

Trunemco should be used within 2 years from the date of manufacture when stored at 4° - 25°C. Store this product away from food or feed. Do not allow to freeze.

#### **DISPOSAL:**

For refillable containers: For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For recyclable containers: DO NOT reuse this container for any other purpose. This is a recyclable container and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

#### **NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the 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.

#### **General Information:**

Trunemco is a seed-applied biological product for the suppression of soybean cyst nematode (*Heterodera glycines*) in soybean and root-knot nematode (*Meloidogyne incognita*) in corn.

#### **DIRECTIONS FOR USE:**

##### **Use Restrictions**

Do not apply to grain used for food or feed purposes or processed for oil.

##### **Mixing Instructions:**

Trunemco may be applied with suitable commercial seed treating equipment. When applied, slowly add Trunemco to sufficient water and colourant for good seed coverage and mix until uniform.



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Trunemco must be mixed thoroughly prior to use. The mixture should be agitated continuously during application. Do not store mixed solutions for longer than 72 hours before applying to the seed.

**Seed Treatment:** This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to colouration of treated seed under the “Seeds Act” must be strictly adhered to when using this product. Users are responsible for ensuring that the treated seed when dried and ready for bagging has an unnatural colour.

#### **LABELLING OF TREATED SEED:**

All containers or packages containing treated seed for sale or use in Canada must be labeled or tagged as follows:

#### General Information

**KEEP TREATED SEED OUT OF REACH OF CHILDREN AND ANIMALS.**

- This seed has been treated with Trunemco™ which contains *cis*-jasmone and *Bacillus amyloliquefaciens*, strain MBI600.
- Do not use for feed, food or oil processing. Store treated seed away from feeds and other foodstuffs. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing. Do not re-use bags from treated seed to handle food or feed products.
- When planting or handling treated seed, avoid contact with eyes, skin or clothing and avoid inhaling/breathing in dust. Workers must wear a long-sleeved shirt, long pants, waterproof gloves, socks and shoes and a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter. For planters and handlers using closed systems, the requirements for waterproof gloves and respirator may be waived. However, this equipment must be immediately available for use in emergency such as a spill or equipment breakdown.
- Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

#### **Application Rate:**

| <b>Crop</b>   | <b>Nematode Suppressed</b>                          | <b>Product use rate (mL/100 kg seed)</b> |
|---|---|--|
| Corn: field, pop, sweet (includes seed production)  | Root-Knot Nematode ( <i>Meloidogyne incognita</i> ) | 20                                       |
| Based on 80 000 seeds per 20.4 kg (45 lb) bag.<br>Trunemco may be applied with suitable commercial seed treating equipment. Trunemco should be slowly added to sufficient water and colourant for good seed coverage and mixed until uniform. |   |  |

| <b>Crop</b> | <b>Nematode Suppressed</b>                           | <b>Product use rate (mL/100 kg seed)</b> |
|-------------|--|--|
| Soybean:    | Soybean Cyst Nematode ( <i>Heterodera glycines</i> ) | 20                                       |

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Trunemco may be applied with suitable commercial seed treating equipment. Trunemco should be slowly added to sufficient water and colourant for good seed coverage and mixed until uniform.

#### TANK MIX:

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Nufarm Agriculture Inc. at 1-800-868-5444 for information before applying any tank mix that is not specifically recommended on this label.