

2018-3221
2018-09-26

Votivo™ 247 FS Nematicide

Live Organism Suspension

Votivo 247 FS Nematicide is a seed treatment that, when applied to seed, colonizes the developing root system and provides partial suppression of certain plant pathogenic nematodes that attack the root system.

AGRICULTURAL

GUARANTEE: *Bacillus firmus* strain I-1582.....21.5%
(Minimum of 4.8×10^9 CFU/mL)

REGISTRATION NO. 30279 PEST CONTROL PRODUCTS ACT

POTENTIAL SENSITIZER

CAUTION – EYE IRRITANT

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS : 1 L- Bulk

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

Votivo is a trademark of BASF, used with permission by BASF Canada Inc.

This product contains no colourant. All seed treated with this product must be conspicuously coloured at the time of treatment. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product.

| Table of Contents | Section Number |
|---------------------|---|
| GENERAL INFORMATION | NOTICE TO USER 1 |
| | THE PRODUCT 2 |
| SAFETY AND HANDLING | PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT 3 |
| | FIRST AID AND TOXICOLOGICAL INFORMATION 4 |
| | ENVIRONMENTAL HAZARDS 5 |
| | STORAGE 6 |
| | DISPOSAL..... 7 |
| DIRECTIONS FOR USE | CROPS AND PESTS..... 8 |
| | APPLICATION INSTRUCTIONS AND USE LIMITATIONS..... 9 |
| | Labeling of treated seed 9.1 |
| | MIXING INSTRUCTIONS 10 |
| | Mixing Instruction 10.1 |
| | Tank Mixing 10.2 |

GENERAL INFORMATION

SECTION 1: 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. The user assumes the risk to persons or property that arises from any such use of this product.

SECTION 2: THE PRODUCT

Votivo 247 FS Nematicide is a biological seed treatment that, when applied to seed, colonizes the developing root system and provides partial suppression of certain plant pathogenic nematodes that attack the root system. Votivo 247 FS Nematicide is recommended for use with certain insecticide and fungicide seed treatments for complete pest protection. In areas of high nematode infestation, additional control measures may be warranted. Votivo 247 FS Nematicide should be utilized as part of a total integrated approach to nematode management, which involves the use of nematode-resistant varieties, among other factors.

SAFETY AND HANDLING

SECTION 3: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

May cause sensitization. May irritate eyes. Avoid contact with eyes, skin and clothing. Workers (includes mixer/loader, applicators, and early-entry workers) must wear a long sleeved shirt, long pants, shoes plus socks, waterproof gloves and a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when mixing/loading or applying the product and during all clean-up/repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and follow manufacturer's directions for cleaning/maintaining PPE before reuse. If no such instructions are available use clothing detergent and hot water for cleaning all washable PPE. Keep and wash PPE separately from other laundry.

| |
|---|
| SECTION 4: FIRST AID AND TOXICOLOGICAL INFORMATION |
|---|

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.

| |
|---|
| SECTION 5: ENVIRONMENTAL HAZARDS |
|---|

Do not contaminate water when disposing of equipment washwater or rinsate.

| |
|---------------------------|
| SECTION 6: STORAGE |
|---------------------------|

Store the product at room temperature for up to 6 months. To prevent contamination, store this product away from food or feed.

| |
|-------------------------------|
| SECTION 7: DISPOSAL |
|-------------------------------|

Recyclable Container

Do not reuse this container for any 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 spray 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.

Returnable Container: Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

Refillable Container

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 use this container for any other purpose.

Disposal of Unused, Unwanted Product: 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 cleanup of spills.

DIRECTIONS FOR USE

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to 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.

SECTION 8: CROPS AND PESTS

CORN

| Pest | Application Rate mL/1000 seeds | Remarks |
|--|-----------------------------------|---|
| Partial Suppression of nematodes: <ul style="list-style-type: none">• Needle (<i>Longidorus</i> spp.)• Root lesion (<i>Pratylenchus</i> spp.)• Root knot (<i>Meloidogyne</i> spp.) | 0.042 to 0.42 | Dilute in sufficient liquid to achieve uniform distribution. Use the higher rates under adverse or stress planting conditions (hot, dry field conditions). Contact your BASF representative for appropriate application rate due to variable environmental conditions. |

SOYBEAN

| Pest | Application Rate mL/1000 seeds | Remarks |
|--|-----------------------------------|---|
| Partial Suppression of nematodes: <ul style="list-style-type: none">• Soybean cyst (<i>Heterodera glycines</i>)• Root lesion (<i>Pratylenchus</i> spp.)• Root knot (<i>Meloidogyne</i> spp.) | 0.042 to 0.42 | Dilute in sufficient liquid to achieve uniform distribution. Use the higher rates under adverse or stress planting conditions (hot, dry field conditions). Contact your BASF representative for appropriate application rate due to variable environmental conditions. |

SECTION 9: APPLICATION INSTRUCTIONS AND USE LIMITATIONS

9.1 LABELLING OF TREATED SEED

All bags containing treated seed must be labeled or tagged as follows:

2018-3221
2018-09-26

“This seed has been treated with Votivo 247 FS Nematicide which contains *Bacillus firmus* strain I-1582 spores. Do not use for feed, food or oil processing. Store away from feeds and other foodstuffs.”

SECTION 10: MIXING INSTRUCTIONS

10.1 MIXING INSTRUCTION

Apply Votivo 247 FS Nematicide as a water-based slurry through standard slurry or mist commercial seed treatment equipment. Treated seed must be labeled in accordance with the requirements of the *Seeds Act*. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

To mix, add 1/2 of the required water to the treatment slurry tank, followed by Votivo 247 FS Nematicide. Add the remaining 1/2 amount of water to the slurry. Allow each component to disperse completely prior to the next addition until a uniform suspension is obtained. Do not store mixed slurries for greater than 72 hours. For additional instructions for use or mixing, contact your BASF representative for further guidelines for mixing and slurry storage instructions

10.2 TANK-MIXES

May be used in combination with registered fungicide and insecticide seed treatments, including the products listed below. Follow all use directions and the most restrictive precautions on the individual product labels. Pre-test for compatibility with other seed treatment products.

Tank-mix partners:

| | |
|---------|---|
| Corn | Allegiance FL, Trilex FS, Vortex FL, Poncho 600 FS |
| Soybean | Allegiance FL, Trilex AL, Trilex FS, Stress Shield for Cereals and Soybeans |

To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately 1/2 of the required water. Slowly add the Votivo 247 FS Nematicide to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation.

Apply as a water-based slurry of adequate volume to distribute spores uniformly over seed surface area. The volume of slurry will vary according to companion seed treatments and seed type being treated.

Do not store mixed slurries for longer than 24 hours.

Allegiance, Trilex, Vortex, Poncho and Stress Shield are registered trademarks of BASF, all used with permission by BASF Canada Inc.