

2023-0486
2025-04-17

Container Label

Vismax[®] Row Crop

FUNGICIDE

SOLUTION

COMMERCIAL

BIOACTIVE CROP PROTECTION

Vismax[®] Row Crop is an activator of plant defense for suppression of fusarium head blight (*Fusarium graminearum*) on wheat (spring, winter, durum).

ACTIVE INGREDIENT:

By Weight

Flg22-Bt Peptide:0.0020%

Contains 20 mg ai per liter.

Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0014% and 2-methyl-4-isothiazolin-3-one at 0.00048% as preservatives.

REGISTRATION NO: 35427 PEST CONTROL PRODUCTS ACT

Date of manufacture: _See bottle

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND INSIDE LABEL BOOKLET BEFORE USE.

PROTECT FROM FREEZING

Manufactured For:

Elemental Enzymes Ag and Turf LLC
1685 Galt Industrial Blvd.
St. Louis, MO 63132
314-429-2885

Net Contents:

Formulated in the USA

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. As good hygiene practice avoid contact with skin, eyes and clothing. Avoid inhaling the product

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

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 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application and during clean-up and repair. Gloves are not required during application within a closed cab

Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings

ENVIRONMENTAL PRECAUTIONS

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

STORAGE

Store this product away from food or feed.

Store in a cool, dry place, away from children and pets. Keep from freezing.

Vismax Row Crop should be used within 9 months of the date of manufacture.

DISPOSAL

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 cleanup of spills.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

For containers less than or equal to 19 L

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial/territorial requirements.

For containers greater than 19 L

Nonrefillable container. DO NOT reuse or refill this container. Triple Rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial/territorial requirements.

For refillable containers

Refillable container. The container must be refilled by the distributor/dealer with the same product. DO NOT use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available; otherwise dispose of in a sanitary landfill or by incineration, if allowed by state and local authorities.

Restricted Entry Interval (REI): DO NOT enter or allow worker entry into treated areas for 4 hours, or until sprays have dried, unless wearing the appropriate PPE.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings

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.

(Booklet)

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TOXICOLOGICAL INFORMATION: Treat symptomatically.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Wear long-sleeved shirt, long pants, chemical-resistant gloves, and socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
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Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

ENVIRONMENTAL PRECAUTIONS

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

STORAGE

Store this product away from food or feed.

Store in a cool, dry place, away from children and pets. Keep from freezing.

Vismax Row Crop should be used within 9 months of the date of manufacture.

DISPOSAL

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 cleanup of spills.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

For containers less than or equal to 19 Litres:

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial/ territorial requirements.

For containers greater than 19 Litres:

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial/territorial requirements.

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PRODUCT INFORMATION

Vismax[®] Row Crop formulation of Flg22-Bt Peptide is an activator of plant defense for suppression of fusarium head blight on wheat. Vismax[®] Row Crop is applied as a foliar spray treatment to labeled crops.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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

Vismax[®] Row Crop may be applied as a foliar application with ground equipment. Within the stated ranges, use the high application rate and/or shorter re-application interval when conditions are conducive to high disease pressure.

FOLIAR APPLICATIONS

Ground Foliar Application

- Apply a minimum of 100 Litres per hectare of water for field crops for thorough coverage, unless otherwise specified.
- Good spray coverage is important for best results. Apply a fine to course droplet size using conventional application equipment.
- Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use and replace worn or damaged nozzles.
- Use a jet agitator or liquid sparge tube for agitation.
- Use screens to protect the pump and to prevent nozzles from clogging. Check nozzle manufacturer's recommendations.
- For more information on spray equipment and calibration, consult sprayer manufacturers and provincial/territorial extension office recommendations.

Field sprayer application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) fine classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Restricted Entry Interval (REI): DO NOT enter or allow worker entry into treated areas for 4 hours, or until sprays have dried, unless wearing the appropriate PPE specified for the method of application.

MIXING AND COMPATIBILITY

Mixing Instructions

- Vismax[®] Row Crop is a soluble liquid concentrate (SL) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- For thorough foliar coverage and penetration of foliage, Vismax[®] Row Crop should be applied with a non-ionic surfactant or surfactant blend at a rate of 0.1-1.0% v/v.
- Vismax[®] Row Crop may be tank mixed or used in an alternation program with conventional fungicides.
- This product may be tank mixed with a fertilizer, a supplement, or 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 Elemental Enzymes Ag and Turf LLC at 314-429-2885 for information before applying any tank mix that is not specifically recommended on this label.

USE PRECAUTIONS

Crop Tolerance/Phytotoxicity: Although plant tolerance has been found to be acceptable for all crops on the label, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of the crop to ensure that phytotoxic response will not occur as a result of application.

Surfactants: It is recommended to use a non-ionic or non-ionic blend surfactant (0.1-1.0% v/v). Reference surfactant label for usage recommendations and mixing instructions. Do not use with unblended crop oils.

Specific Crop Instructions and Use Rates for Vismax® Row Crop

Crop	Disease	Application Rate	Specific Directions
<p>Wheat (spring, winter and durum)</p>	<p>Fusarium head blight (<i>Fusarium graminearum</i>) (suppression)</p>	<p>300-600 mL product/ha</p> <p>[Equivalent to 6.0-12.0 mg Flg22-Bt Peptide/hectare]</p>	<p>Should be applied with a non-ionic or non-ionic blend surfactant (0.1-1.0% v/v).</p> <p>Use the high rate under conditions conducive to high disease pressure.</p> <p>For suppression of fusarium head blight, apply as a preventative treatment prior to disease onset a maximum of two times per year. Apply from BBCH 55 (middle of heading: half of inflorescence emerged) to BBCH 65 (full flowering: 50% of anthers mature). Re-application interval a minimum of 2 days.</p> <p>Vismax® Row Crop may be tank mixed or used in an alternation program with conventional fungicides.</p> <p>Vismax® Row Crop should be used in conjunction with IPM practices in order to adequately manage mycotoxin levels in wheat kernels.</p>

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