

GROUP	<b>7 M</b>	FUNGICIDE
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# VITAVAX<sup>®</sup> RS FUNGICIDE

LIQUID FUNGICIDE SEED PROTECTANT FOR CANOLA, RAPESEED AND MUSTARD

A fungicide seed treatment for the control of seed rots, damping-off, seedling blights and early season root rot caused by *Pythium spp.*, *Rhizoctonia spp.* and *Alternaria spp.* on canola, rapeseed, mustard and canola quality *Brassica juncea*. Also controls seed borne Blackleg of canola, rapeseed and mustard. For protection of seeds and emerging seedlings only.

AGRICULTURAL

GUARANTEE:

Carbathiin----- 5.97%  
Thiram-----11.94%

REGISTRATION NO: 25862, PEST CONTROL PRODUCTS ACT

**KEEP OUT OF REACH OF CHILDREN**

READ THE LABEL BEFORE USING

**CAUTION: EYE IRRITANT**

NET CONTENTS: 10L, 100L, 200L, 1000L



Manufactured by:  
**Chemtura Canada Co./Cie**  
25 Erb St.  
Elmira, Ontario N3B 3A3

**24-Hour Emergency Phone: 1-866-744-3060**  
**Grower Information: 1-800-350-1745**

Contains Carbathiin and Thiram. A fungicide seed treatment for the control of seed rots, damping off, seedling blights and early season root rot caused by *Pythium spp.*, *Rhizoctonia spp.* and *Alternaria spp.* on canola, rapeseed, mustard and canola quality Brassica juncea. Also provides control of seed borne Blackleg of canola, rapeseed and mustard. For protection of seeds and emerging seedlings only.

**PROTECT FROM FREEZING**

**DIRECTIONS FOR USE:**

Mixing Instructions per 100 kg seed.:

Crop	*Rate in L per 100 kg seed	Kg of seed treated by 100 L of product
Canola, Rapeseed, Mustard, Canola-quality <i>Brassica juncea</i>	0.833 to 1.25	12,000 to 8,000

\*Be sure to adjust the application rate from 0.833 - 1.25 L per 100 kg seed to 0.883 -1.325 L per 100 kg seed respectively, when diluting the product to triple rinse the container for disposal. Please refer to Triple Rinsing Instructions for rinsate directions.

**RESISTANCE MANAGEMENT RECOMMENDATIONS:**

For resistance management, please note that **Vitavax® RS Fungicide** contains a Group 7 and a Group M fungicide. Any fungal population may contain individuals naturally resistant to **Vitavax RS Fungicide** and other Group 7 or M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

**To delay fungicide resistance:**

- Where possible, rotate the use of **Vitavax RS Fungicide** or other Group 7 or M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Chemtura Canada Co./Cie at (1-800-350-1745) or at ([www.chemtura.com](http://www.chemtura.com))

**METHOD OF APPLICATION:**

Storage of **Vitavax RS Fungicide** at low temperatures is not recommended. Due to the viscosity of the materials, it should be kept above 10°C prior to and during application. Do not apply direct heat to container.

Prior to and during application, **Vitavax RS Fungicide** must be THOROUGHLY AGITATED to ensure uniform mixing of the product.

**Vitavax RS Fungicide** treated seed does not require drying after treatment and can be packaged into jute, paper or fiber reinforced plastic bags.

#### **USE RESTRICTIONS:**

1. Do not use treated seed for feed, food or oil processing.
2. Do not contaminate food, feed domestic or irrigation water supplies, lakes, streams and ponds.
3. All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows:

"This seed has been treated with carbathiin and thiram. Wear a long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seeds. DO NOT use treated seed for food, feed or oil processing. Store away from food and feed. Baggers, sowers and workers involved in handling treated seeds must wear a long-sleeved shirt and long pants, chemical-resistant gloves, shoes and socks, to minimize exposure to dust from treated seeds."
4. Treated canola or rapeseed stored for periods in excess of 9 months may decrease in germination at a faster rate than untreated seed. Treated seed, which has been stored, should be tested for germination before planting.
5. Do not store treated seed above 25°C or in direct sunlight.
6. Do not graze or feed livestock on treated area for four (4) weeks after planting.
7. If this pest control product is to be used on a commodity that may be exported to the U.S., and you require information on acceptable residue levels in the U.S., consult the CropLife Canada website at [www.croplife.ca](http://www.croplife.ca).

#### **PRECAUTIONS:**

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

1. DO NOT GET on skin. Use rubber gloves when handling **Vitavax RS Fungicide** or treated seed. In case of contact, wash with warm water and soap.
2. DO NOT GET into eyes. The operator is advised to wear goggles to protect eyes from possible splashing. In case of contact with eyes, flush IMMEDIATELY with running water for at least 15 minutes and seek medical attention.
3. All workers involved in treating seeds, clean-up, repair and maintenance of seed treatment equipment must wear a long-sleeved shirt and long pants, chemical-resistant gloves, and shoes and socks.

Baggers, sowers and workers involved in handling treated seeds must wear a long-sleeved shirt and long pants, chemical-resistant gloves, shoes and socks, to minimize exposure to dust from treated seeds.
4. When handling **Vitavax RS Fungicide** and treated seed work in a well ventilated area.

#### **SYMPTOMS OF POISONING:**

Skin contact may cause irritation and dermatitis.

#### **TOXICOLOGICAL INFORMATION:**

NOTE TO PHYSICIAN: This product contains petroleum distillate. Vomiting may cause aspiration pneumonia. There is no specific antidote.

#### **FIRST AID:**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eyes 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 eyes. Call a poison control centre or doctor for treatment advice.

**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.

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

## **ENVIRONMENTAL HAZARDS**

In cleaning of equipment or disposing of wastes, do not contaminate water used for human or animal consumption or by wildlife and aquatic life or for irrigation purposes.

Treated seed may be hazardous to birds and mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

## **STORAGE AND DISPOSAL:**

### **STORAGE:**

Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed. Storage at low temperatures is not recommended.

### **DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add rinsings to transfer or holding tank on seed treating equipment. Refer to section on Triple Rinsing Instructions for rinsing procedure.
2. For instructions on cleaning and return of 1000 L tote tanks, contact Chemtura Canada Co./Cie. Do not reuse tote tanks for any other purpose.
3. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
4. Make the empty rinsed container unsuitable for further use.
5. Dispose of the container in accordance with provincial requirements.
6. For information on the 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.

## **TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL:**

This container should be triple rinsed prior to its disposal. The rinsate can be added to the seed treatment provided the total volume of water does not exceed 6% of the container volume. Use 2% of the container size three times to triple rinse. Add the appropriate volume of rinse water to the container and swish the contents thoroughly. Empty the rinsate into the seed treater holding tank and repeat this process three times making sure the total volume of rinsate does not exceed 6% of the container size. Make sure rinsate is thoroughly mixed with seed treatment before treating. Replace the lids on the empty containers and deliver to an approved pesticide container collection site. If no site is available make the empty container unsuitable for further use. (See Disposal Section)

**CAUTION:** Do not dilute beyond 6% or excess seed wetness may result in seed handling difficulties. Using excess water can also cause **Vitavax RS Fungicide** to thin resulting in settling of solids in the product. Be sure to adjust the undiluted application rate up by 6% to compensate for the dilution of the product caused by the addition of rinsate.

## **NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on this label. It is an offense 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.

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