

2000/2001

VITAVAX® rs
DYNASEAL

FLOWABLE

**SYSTEMIC LIQUID SEED PROTECTANT FOR
MUSTARD**

A dual purpose seed treatment for the control of flea beetles, seed rot, damping off, seedling blight and early season root rot caused by *Pythium*, *Rhizoctonia* and *Alternaria* of mustard. Also controls seed borne Blackleg of mustard. For protection of seeds and emerging seedlings only.

AGRICULTURAL

GUARANTEE:

Carbathiin.....40 g/L
Thiram.....80 g/L
Lindane.....600 g/L

REGISTRATION NO. 24482 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

DANGER

POISON

NET CONTENTS: 100 LITRES

**UNIROYAL CHEMICAL
UNIROYAL CHEMICAL Co.
Elmira, Ontario N3B 3A3
24 HOUR EMERGENCY PHONE:
(519) 744-3060**

PROTECT FROM FREEZING

PESTICIDES, LIQUID, TOXIC, N.O.S. (LINDANE)(THIRAM) UN 2902

CONTROL NUMBER

**DO NOT STORE IN DIRECT SUNLIGHT
OR ADJACENT TO HEAT SOURCE**

Contains Carbathiin, Thiram and Lindane. A dual purpose seed treatment for the control of flea beetles, seed rot, damping off, seedling blight and early season root rot caused by *Pythium*, *Rhizoctonia* and *Alternaria* of mustard. Also controls seed borne Blackleg of mustard. For protection of seeds and emerging seedlings only.

DIRECTIONS FOR USE:

Crop	Rate in Litres per 100 kg seed	Kilograms of seed treated by 100 litres
Mustard	2.5 Litres	4,000 kg
Note change in Application Rate discussed under Triple Rinsing Instructions		

METHOD OF APPLICATION:

Prior to and during application, VITAVAX RS DYNASEAL must be THOROUGHLY AGITATED to ensure uniform mixing of the product. 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.

VITAVAX RS DYNASEAL treated seed does not require drying after treatment and can be packaged into jute, paper or fibre reinforced plastic bags.

TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL:

This container should be triple rinsed prior to it's disposal. The rinsate can be added to the seed treatment provided the volume of water does not exceed 6% of the container volume. Refer to the following table for amount of water required for rinsing different container sizes.

Container Size	Volume of Water per Rinse	Number of Rinses	Total Volume of Water Added	Adjusted Application Rate/100 kg seed
100 Litre Drum	2 Litres	3	6 Litres	2.65 Litres

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 two more times making sure the

total volume of rinsate does not exceed quantity shown in above table. Make sure rinsate is thoroughly mixed with seed treatment before treating.

Replace the bungs on the empty drum 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 cause VITAVAX RS DYNASEAL to thin resulting in settling of solids in the product. **Be sure to adjust the application rate from 2.5 Litres per 100 kg seed to 2.65 Litres per 100 kg seed to compensate for the dilution of the product caused by the addition of rinsate.**

USE RESTRICTIONS:

1. Do not use treated seed for feed, food or oil processing.
2. Do not contaminate feed or foodstuffs.
3. Do not graze or feed livestock on treated area for four weeks after planting.
4. Do not contaminate ponds, lakes or streams.
5. Treated seed must be labelled as follows: "This seed has been treated with VITAVAX RS DYNASEAL Seed Protectant (contains carbathiin, thiram and lindane). Do not use for food, feed or oil processing".
6. Treated mustard seed 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.
7. Do not store treated seed above 25°C or in direct sunlight.

SAFETY PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. When handling VITAVAX RS DYNASEAL and treated seed work in a well ventilated area.
3. DO NOT GET on skin. Use rubber gloves when handling VITAVAX RS DYNASEAL or treated seed. In case of contact wash with warm water and soap.
4. 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.
5. Because of possible unpleasant side effects, alcoholic beverages should be avoided for 24 hours before or after

working with VITAVAX RS DYNASEAL or treated seed.

SYMPTOMS OF POISONING:

Apprehension, twitching, tremors and convulsions. Skin contact may cause irritation and dermatitis. Alcohol intake within 24 hours of contact with thiram may cause flushing, sweating, headache and nausea.

TOXICOLOGICAL INFORMATION:

NOTE TO PHYSICIANS: There is no specific antidote. If swallowed, induce vomiting with SYRUP OF IPECAC or INTUBATE the stomach. If convulsions are present DIAZEPAM is the anticonvulsant of choice. If reaction with alcohol occurs treat as disulfiram-alcohol reaction. Treat as solid organochlorine pesticide poisoning.

FIRST AID:

IF SWALLOWED: Induce vomiting by giving the patient syrup of IPECAC (adult or child 12 years or older, 30mL; child under 12, 15mL) followed by water to enhance vomiting. Keep patient quiet, seek medical attention or contact a Poison Control Centre IMMEDIATELY bringing the labelled container with you. Never give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Wash immediately with running water for at least 15 minutes. Obtain medical attention or contact a Poison Control Centre.

IF ON SKIN: Wash with warm water and soap for 15 minutes.

STORAGE AND DISPOSAL:

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

DISPOSAL:

1. Rinse the emptied container thoroughly and add rinsings to transfer or holding tank on seed treating equipment. Refer to section on Triple Rinsing Instructions for rinsing procedure.
2. Follow provincial instructions for any required additional cleaning of the container prior to it's disposal.
3. Deliver empty containers that have been cleaned to an approved pesticide container collection site or dispose of the container in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO USER:

This 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 a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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Print I.D. # T1024E 100 Litre

PRINTED IN CANADA

GUSTAFSON SEAL OF PERFORMANCE VITAVAX ra DYNASEAL™

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