

Resistance Management symbols and signal words (Group M Fungicide)

THIRAM 320

Flowable Fungicide

A seed treatment for control of verticillium wilt of alfalfa.

AGRICULTURAL

GUARANTEE:

Thiram.....32.4%

REGISTRATION No. 27554
PEST CONTROL PRODUCTS ACT

Precautionary symbols and signal words (Danger/Poison)

READ THE LABEL BEFORE USING

NET CONTENTS

10, 20, 200 litres

CHEMTURA CANADA CO./CIE

25 Erb Street
Elmira, Ontario, N3B 3A3
24 Hour Emergency Phone:
(866) 744-3060

DIRECTIONS FOR USE:

SEED TREATMENT: For control of verticillium wilt of alfalfa, apply 720 mL of THIRAM 320 per 100 kilograms of seed.

Prior to application, THIRAM 320 flowable fungicide should be thoroughly agitated to insure uniform mixing of the product.

DO NOT DILUTE THIRAM 320 with additional water.

Add THIRAM 320 to the seed and mix well for three minutes in treating equipment. Seed may be treated in cement mixer or commercially available seed treating equipment.

Thorough coverage of the seed is required.

Do not store treated seed for more than 5 months.

USE RESTRICTIONS:

1. Label treated seed "DO NOT USE FOR FOOD OR FEED. THIS SEED HAS BEEN TREATED WITH THIRAM".
2. Store in a cool, dry, ventilated place away from feeds and foods.
3. Do not contaminate food or feed.
4. Keep away from heat, fire and sparks.
5. Treated seed may be harmful to birds if ingested.
6. Do not contaminate any body of water.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that THIRAM 320 contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to THIRAM 320 and other Group 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 THIRAM 320 or other Group 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 Crompton Co./Cie at (1-800-265-2156) or at (www.cromptoncorp.com)

PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. May irritate eyes, nose, throat and skin.
3. May cause allergenic eczema in sensitive individuals.
4. Avoid contact with skin, eyes and clothing.
5. Wash thoroughly after handling and before eating, drinking or smoking.
6. Wash contaminated clothing with soap and hot water before reuse.
7. Do not consume alcoholic beverages for 24 hours before or after working with THIRAM 320.
8. Avoid breathing vapours.
9. When treating, augering or handling treated seed, work in a well-ventilated area and wear a suitable mask, goggles and gloves.

10. 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., visit CropLife Canada's web site at: www.croplife.ca.

SYMPTOMS OF POISONING: Skin contact may cause irritation and dermatitis. Alcohol intake within 24 hours of contact with THIRAM may cause flushing, sweating, headache and nausea.

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 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.

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

TOXICOLOGICAL INFORMATION: There is no specific antidote. If swallowed, induce vomiting with SYRUP OF IPECAC or INTUBATE the stomach. If reaction with alcohol occurs, treat as disulfiram-alcohol reaction.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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. The user assumes the risk to persons or property that arises from any such use of this product.

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