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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JAN 31 2001

Dr. Dennis McFadden
Gustafson L.L.C.
1400 Preston Road, Suite 400
Plano, TX 75093

Dear Dr. McFadden:

Subject: Raxil-Thiram Flowable Fungicide
EPA Registration Number 7501-151
Your Submission dated 10/25/00

The amendment referred to above, submitted in connection with registration under FIFRA Sec. 3(c)(7)(A), is acceptable provided that the following labeling changes are made prior to release of the product for shipment:

1. Add the phrase "contains petroleum distillates" in close proximity to the ingredient statements.
2. Under the first aid statement for oral exposure, add a space between "controlcenter".
3. In the Direction for Use section under wheat diseases, change the disease "Early Season Suppression of Barley Leaf Rust" to "Early Season Suppression of Wheat Leaf Rust".
4. In the Direction for Use section under Oat diseases, capitalize "p" in "pythium".
5. In the Direction for Use section under Remarks, capitalize "u" in uniform as it is the beginning of a sentence.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed.

Sincerely,



Mary L. Waller
Product Manager
Fungicide Branch
Registration Division

Enclosure

RAXIL® -Thiram

Flowable Fungicide

ACCEPTED
with COMMENTS
In EPA Letter Dated:

11/31/01

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 7501-151

ACTIVE INGREDIENT:

Alpha-[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethyl-ethyl)-1H-1,2,4-triazole-1-ethanol	0.6%
Thiram (Tetramethylthiuram disulfide)	20.0%
INERT INGREDIENTS:	79.4%
TOTAL	100.0%

Contains 0.055 pounds Alpha-[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol and 1.84 pounds Thiram per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See additional precautionary statements.

EPA Reg. No. 7501-151 EPA Est.
NET CONTENTS:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS
CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart. Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton, shoes plus socks, protective eyewear and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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USER SAFETY RECOMMENDATIONS:
Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed:
Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center 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 center 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 center 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 treatment advice.

NOTE TO PHYSICIAN:
Contains petroleum distillate - vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

This pesticide product is toxic to fish. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spilled treated seeds.



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the areas during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton, shoes plus socks, and protective eyewear.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place.
PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty container. Open dumping is prohibited.
PESTICIDE DISPOSAL: This pesticide's wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.
CONTAINER DISPOSAL: Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RAXIL-Thiram Flowable Fungicide combines the systemic action of RAXIL with the surface action of Thiram to control or suppress various seed, seedling and soilborne diseases of wheat, barley, oats and rye.

SEED LABELING

To meet U.S. Federal Seed Act requirements, all seed treated with RAXIL-Thiram Flowable Fungicide should be labeled:

TREATED SEED.

DO NOT USE FOR FOOD, FEED OR OIL PURPOSES.

Treated with Alpha-[2-(4-Chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (RAXIL) and Tetramethylthiuram disulfide (Thiram).

RESTRICTIONS

Do not use treated seed for feed, food or oil purposes. Seed labeling must contain the following restriction: "Barley, wheat, oat and rye green forage may be grazed or harvested for hay 31 days after seeding."

RECOMMENDED APPLICATIONS

CROP & DISEASE Seed and Soilborne Diseases:	FLUID OUNCES RAXIL-Thiram Flowable Fungicide	REMARKS
<p>Wheat: Stinking Smut, Flag Smut, Loose Smut, Early Season Septoria Disease Complex, General Seed Rots, Pythium Damping-Off, Early Season Rhizoctonia Root Rot, Early Season Common Root Rot, Seedborne Fusarium Scab, Early Season Fusarium Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Barley Leaf Rust</p> <p>Barley: Covered Smut, Loose Smut, Barley Stripe (suppression), General Seed Rots, Pythium Damping-Off, Early Season Rhizoctonia Root Rot, Seedborne Fusarium Scab, Early Season Fusarium Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Barley Leaf Rust</p> <p>Oats: Loose Smut, General Seed Rots, pythium Damping-Off, Early Season Rhizoctonia Root Rot, Early Season Common Root Rot, Seedborne Fusarium Scab, Early Season Fusarium Foot Rot, Early Season Suppression of Powdery Mildew, Early Season Suppression of Crown Rust</p>	<p>3.5 to 4.6 fluid ounces per 100 pounds of seed</p>	<p>SEED TREATMENT: Application of RAXIL-Thiram Flowable Fungicide at the recommended rate per 100 pounds of seed should be made using standard slurry or mist-type seed treatment equipment. uniform application to seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to give an applied slurry rate of 9 to 20 fluid ounces per 100 pounds of seed.</p> <p>Use low rate under dryland or low rainfall conditions and consult your area agronomist regarding planting depth recommendations for the particular variety to be planted.</p>

NOTICE - READ CAREFULLY

CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Gustafson LLC no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Gustafson LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:

Gustafson LLC
1400 Preston Road, Suite 400
Plano, Texas 75093
Questions? (972) 985-8877

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