



BOOKLET

GROUPS	M	3	FUNGICIDES
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RAXIL[®] T

FLOWABLE FUNGICIDE

FUNGICIDE SEED PROTECTANT FOR THE CONTROL OF CERTAIN DISEASES OF WHEAT, BARLEY, AND OATS

AGRICULTURAL

CAUTION – SKIN IRRITANT

CAUTION - POISON

GUARANTEE: tebuconazole..... 6.7 g/L
thiram..... 222 g/L

REGISTRATION NO. 27566 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

PROTECT FROM FREEZING

NET CONTENTS: 10, 55, 100, 200, 1000 L

Bayer CropScience Inc.
#100-3131 – 114 Avenue S.E.
Calgary, AB T2Z 3X7

For product information, call: 1-888-283-6847

In case of spills, poisoning, fire or other emergencies,
call: 1-800-334-7577 (24 hours a day)

Raxil(R) is a registered trademark of Bayer, used under license.

GENERAL INFORMATION: Raxil T Flowable Fungicide is a combination of the fungicides, tebuconazole and thiram, which control the following seed, seedling, and soilborne diseases:

Wheat	<ul style="list-style-type: none"> - Control of seed rot caused by seed- and soil-borne <i>Fusarium</i> - Control of seedling blight caused by seed-borne <i>Fusarium</i> - Suppression of <i>Fusarium</i> Root Rot and <i>Fusarium</i> Crown Rot - Control of seed rot and seedling blight caused by <i>Cochliobolus sativus</i> - Suppression of common root rot caused by <i>Cochliobolus sativus</i> - Control of seed rot caused by the saprophytic fungi <i>Penicillium</i>, <i>Aspergillus</i> and <i>Alternaria</i> - Control of seed borne <i>Septoria</i> - Control of Common bunt (seed and soil borne) - Control of Loose Smut - Control of <i>Pythium</i> seed rot
Barley	<ul style="list-style-type: none"> - Control of seed rot caused by seed- and soil-borne <i>Fusarium</i> - Control of seedling blight caused by seed-borne <i>Fusarium</i> - Suppression of <i>Fusarium</i> Root Rot and <i>Fusarium</i> Crown Rot - Control of seed rot and seedling blight caused by <i>Cochliobolus sativus</i> - Suppression of common root rot caused by <i>Cochliobolus sativus</i> - Control of seed rot caused by the saprophytic fungi <i>Penicillium</i>, <i>Aspergillus</i> and <i>Alternaria</i> - Control of False Loose and Covered Smut - Control of Loose Smut - Control of <i>Pythium</i> seed rot
Oats	<ul style="list-style-type: none"> - Control of seed rot caused by seed- and soil-borne <i>Fusarium</i> - Control of seedling blight caused by seed-borne <i>Fusarium</i> - Control of seed rot and seedling blight caused by <i>Cochliobolus sativus</i> - Suppression of common root rot caused by <i>Cochliobolus sativus</i> - Control of Loose Smut - Control of <i>Pythium</i> seed rot

DIRECTIONS FOR USE:

Use 225 ml of Raxil T Flowable Fungicide per 100 kg of seed for wheat, barley, and oats.

Raxil T Flowable Fungicide is a ready to use formulation designed for commercial or on-farm treating with conventional seed treating equipment which can accurately control application rates and provide good distribution of the chemical onto the seed in the mixing chamber.

Seed is protected by Raxil T Flowable Fungicide as soon as it is treated. Seed may be planted immediately.

Germination will not be affected by treatment as long as over application does not occur and seed is properly stored. All seed carried from one year to the next, whether treated or untreated should be checked for germination before planting.

Uniform coverage at the correct rate is important for satisfactory results. Under-treatment will lead to loss of efficacy and over-treatment could reduce germination. Refer to instructions supplied with your seed treater or to information supplied by Bayer CropScience for assistance with proper treating.

USE LIMITATIONS:

All bags containing treated seed must be labelled or tagged as follows:

- This seed has been treated with Raxil T Flowable Fungicide which contains the fungicides tebuconazole and thiram.
- Work in a well-ventilated area.
- When augering and handling treated seed, and during clean up and repair activities, wear long-sleeved shirt, long pants, chemical resistant gloves and goggles. In addition, wear a respirator fitted for dust protection to avoid dust that may be present during handling of treated seed.
- Do not use for food, feed or oil processing.
- Do not graze or feed livestock on treated areas for 4 weeks after planting.
- Do not contaminate feed or foodstuffs with treated seed.
- Do not contaminate ponds, lakes or streams.
- Treated seed may be toxic to birds and other wildlife. Clean up any spilled seed. Ensure that treated seed is properly incorporated at planting.
- DO NOT re-use bags from treated seed to handle food or feed products.
- Augers used for handling treated seed should not be used to move seed for feed, food or oil processing.
- Because of possible unpleasant side effects, alcoholic beverages should be avoided for 24 hours before and after working with Raxil T Flowable Fungicide or treated seed.
- Calibrate seeding equipment using treated seed to insure proper seeding rate.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Raxil T Flowable Fungicide contains a Group 3 and Group M fungicide. Any fungal population may contain individuals naturally resistant to Raxil T Flowable Fungicide and other Group 3 and 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 Raxil T Flowable Fungicide or other Group 3 and M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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 another 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 or to report suspected resistance contact Bayer CropScience at 1-888-283-6847.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Harmful if inhaled. Avoid inhaling/ breathing the spray/ mist. May irritate the skin. Avoid contact with the skin.

APPLICATORS AND HANDLERS MUST WEAR:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves
- Shoes plus socks
- Protective eyewear such as goggles or a full face shield
- NIOSH approved respirator with any R, P or HE filter.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry. Wash exposed areas thoroughly with soap and water after using and before eating or smoking.

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 the acceptable residue levels in the U.S., contact 1-866-375-4648 or www.cropro.org/.

FIRST AID:

IF SWALLOWED: Call a poison control center or doctor IMMEDIATELY for treatment advice. The product contains petroleum distillates at greater than 10%. 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 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 the eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN: 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 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.

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

TOXICOLOGICAL INFORMATION:

Contains petroleum distillate – vomiting may cause aspiration pneumonia. No specific antidote is available. Treat symptomatically. If reaction with alcohol occurs, treat as disulfiram/alcohol reaction.

STORAGE AND DISPOSAL:

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Store in a cool, dry place and avoid excessive heat. Keep container closed. Do not contaminate water, food, or feed by storage, disposal, or by cleaning of equipment.

DISPOSAL:

FOR NON-RETURNABLE CONTAINERS:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Follow provincial instructions 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.

FOR RECYCLABLE CONTAINERS:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- 1) Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
- 2) Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

FOR RETURNABLE CONTAINERS:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

FOR REFILLABLE CONTAINERS:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

TRIPLE RINSE INSTRUCTIONS (FOR RECYCLABLE AND DISPOSABLE CONTAINERS ONLY): 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 size. Follow these steps for rinsing of containers.

1. Transfer Raxil T Flowable Fungicide from the container to the seed treating equipment applicator tank.
2. Add 1/3 of the rinse water to the container and agitate the contents.
3. Transfer the rinsate to the applicator tank.
4. Rinse as above 2 more times making sure that the total volume of the rinsate does not exceed 6% of the container volume.
5. Thoroughly mix the Raxil T Flowable Fungicide and rinse water in the applicator tank prior to use.

CAUTION: Do not dilute beyond 6% or excess seed wetness may result in seed handling difficulties. Using excess water can also cause Raxil T Flowable 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.**

DISPOSAL OF UNUSED, UNWANTED PRODUCT:

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: READ CAREFULLY

Treatment of highly mechanically damaged seed or seed of known low vigor may result in reduced germination and/or reduction of seedling vigour. When seed quality is questionable or unknown, conducting a germination test on a small portion of treated seed is recommended before treating the whole seed lot. Due to seed quality and storage conditions which are beyond the control of Bayer CropScience, Inc., no claims are made to guarantee germination of seed which has been treated and kept longer than the period, if any that is stated in the DIRECTIONS FOR USE section of this label.

NOTICE TO USER:

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