

GROUP	3	FUNGICIDE
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CARTON

RAXIL[®] 250 FL
FLOWABLE FUNGICIDE

SYSTEMIC FUNGICIDE SEED PROTECTANT FOR WHEAT, BARLEY, AND OATS

Contains tebuconazole for the control of smuts, bunt, seed rots and seedling blights caused by *Fusarium* in wheat. Controls smuts, leaf stripe, seed rots and seedling blights caused by *Fusarium* in barley. Suppresses common root rot in wheat. Controls loose smut of oats. Suppresses crown rot and root rot caused by *Fusarium* spp. in wheat and barley.

COMMERCIAL

GUARANTEE: tebuconazole..... 6 g/Litre

REGISTRATION NUMBER 26138 PEST CONTROL PRODUCTS ACT

DANGER-SKIN IRRITANT

READ THE LABEL AND BOOKLET BEFORE USING

BAYER CROPSCIENCE INC.
SUITE 100, 3131 114TH AVE. S.E.
CALGARY AB T2Z 3X2

NET CONTENTS: 2 X 10 L

☎ 24 Hour Emergency Phone: (613) 996-6666 ☎
GROWER INFORMATION: 1-800-880-9481

PROTECT FROM FREEZING

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.

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

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****CONTAINER****

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NET CONTENTS: 10 L

☎ 24 Hour Emergency Phone: (613) 996-6666 ☎
GROWER INFORMATION: 1-800-880-9481

PROTECT FROM FREEZING

USE LIMITATIONS:

1. Treated seed must be labelled as follows: "This seed has been treated with Raxil 250 FL - contains tebuconazole; do not use for food, feed or oil processing. Wear a long sleeved shirt and long pants (or coveralls) and chemical resistant gloves when handling treated seed."
2. Do not graze or feed livestock on treated areas for 4 weeks after planting.
3. Do not contaminate feed or foodstuffs with treated seed.
4. Do not contaminate ponds, lakes or streams.

SAFETY PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. DO NOT get into eyes. May irritate eyes. Wear goggles to protect from possible splashing.
3. DO NOT get onto skin. Contact with the skin may cause severe irritation.
4. Work in a well ventilated area. Wear coveralls over normal work clothing, chemical resistant gloves, a dust mask or respirator fitted to exclude dust, and goggles when treating seed or while augering or handling treated seed. Wash exposed areas thoroughly with soap and water after using and before eating or smoking. Avoid breathing vapours.
5. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing.
6. DO NOT re-use bags from treated seed to handle food or feed products.
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., visit CropLife Canada's web site at: www.croplife.ca.

TOXICOLOGICAL INFORMATION:

This compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation. NOTE TO PHYSICIAN: Treat poisoning victims symptomatically.

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 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 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

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

STORAGE AND DISPOSAL:

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed.

DISPOSAL OF CONTAINER:**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 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 use 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 250 FL 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 250 FL 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 250 FL 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 vigour 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 GUSTAFSON PARTNERSHIP, 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 METHOD OF APPLICATION section of this label.

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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Gustafson (logo) is a registered trademark of Gustafson LLC, used under license.

Vitavax(R) is a registered trademark of Crompton Co./Cie.

BOOKLET

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FLOWABLE FUNGICIDE

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Contains tebuconazole for the control of smuts, bunt, seed rots and seedling blights caused by *Fusarium* in wheat. Controls smuts, leaf stripe, seed rots and seedling blights caused by *Fusarium* in barley. Suppresses common root rot in wheat. Controls loose smut of oats. Suppresses crown rot and root rot caused by *Fusarium* spp. in wheat and barley.

COMMERCIAL

GUARANTEE: tebuconazole..... 6 g/Litre

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BAYER CROPSCIENCE INC.
SUITE 100, 3131 114TH AVE. S.E.
CALGARY AB T2Z 3X2

NET CONTENTS: 10 L, 55 L, 100 L, 200 L, 1,000 L

☎ 24 Hour Emergency Phone: (613) 996-6666 ☎
GROWER INFORMATION: 1-800-880-9481

PROTECT FROM FREEZING

GENERAL INFORMATION:

Raxil 250 FL is a flowable seed treatment which contains the systemic fungicide tebuconazole.

Raxil 250 FL will control the following diseases:

Wheat -Loose Smut, Stinking Smut or Common Bunt. Seed Rot and Seedling Blights caused by *Fusarium*. Suppression of Common Root Rot caused by *Cochliobolus sativus*. Suppression of crown rot and root rot caused by *Fusarium* spp.

Barley - False Loose, Covered and True Loose Smuts, Barley Leaf Stripe, Seed Rot and Seedling Blights caused by *Fusarium*. Suppression of crown rot and root rot caused by *Fusarium* spp.

Oats – Loose Smut.

DIRECTIONS FOR USE:

METHOD OF APPLICATION: Raxil 250 FL 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 a good distribution of the chemical onto the seed in the mixing chamber. It is important that the seed and chemical are mixed quickly and uniformly. See instructions supplied with the applicable treater system for information on proper application techniques.

Application Rate:

	Undiluted Concentrate mL per 25 kg of seed	Diluted Mixture mL per 25 kg of seed*	Diluted Mixture L per tonne of seed*	kg of seed treated by 10 L concentrate or 10.6 L of Diluted Mixture*
WHEAT - Loose Smut, Stinking Smut or Common Bunt, Seed Rots, Seedling Blights. Suppression of Common Root Rot Suppression of Crown Rot and Root Rot (caused by <i>Fusarium</i> spp.).	63 – 83	66 – 88	2.65 – 3.53	4,000 - 3,000
BARLEY - False Loose, Covered and True Loose Smuts, Barley Leaf Stripe, Seed Rots, Seedling Blight Suppression of Crown Rot and Root Rot (caused by <i>Fusarium</i> spp.).	63 – 83	66 – 88	2.65 – 3.53	4,000 - 3,000
OATS – Loose Smut	83 – 125	88 – 133	3.53 – 5.32	3,000 – 2,000

*See “triple rinse instructions” for dilution information.

Note - For suppression of Common Root Rot of Wheat, use the higher rate of 83 mL/25 kg of seed. Use the high rate where disease levels are likely to be high or on highly susceptible varieties.

1. Seed is protected by Raxil 250 FL as soon as it is treated. Seed may be planted immediately.
2. Calibrate seeding equipment using treated seed to insure proper seeding rate.
3. 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.
4. 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 Gustafson Partnership for assistance

with proper treating.

5. For resistance management, note that Raxil 250 FL contains a triazole fungicide. Some loss of disease control may occur over time if tebuconazole or other fungicides in this group are used repeatedly or consecutively in successive years on the same fields, due to the development of resistant pathogens. It is recommended that a fungicide, with a different mode of action e.g. Carbathiin (Vitavax[®]), be alternated in a disease control program. Contact your local extension agent or crop advisor for further information on resistance management in your area.

USE LIMITATIONS:

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2. Do not graze or feed livestock on treated areas for 4 weeks after planting.
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RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Raxil 250 FL contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to Raxil 250 FL and other Group 3 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 250 FL or other Group 3 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 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 or to report suspected resistance contact Gustafson Partnership at 1-800-880-9481 or at www.gustafson.ca.

SAFETY PRECAUTIONS:

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3. DO NOT get onto skin. Contact with the skin may cause severe irritation.

4. Work in a well ventilated area. Wear coveralls over normal work clothing, chemical resistant gloves, a dust mask or respirator fitted to exclude dust, and goggles when treating seed or while augering or handling treated seed. Wash exposed areas thoroughly with soap and water after using and before eating or smoking. Avoid breathing vapours.
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