

2013-5440  
2014-01-27



# RAXIL PRO CONCENTRATE

Seed Treatment Fungicide

GROUP	3	4	FUNGICIDE
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A Seed Treatment Fungicide for seed and seedling protection against certain seed-borne and soil-borne diseases on labeled crops.

SUSPENSION

AGRICULTURAL

GUARANTEE:	Tebuconazole	15.5 g/L
	Prothioconazole	77.0 g/L
	Metalaxyl	30.9 g/L

Contains 1,2-benzisothiazolin-3-one at 0.04% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.001% and 2-methyl-4-isothiazolin-3-one at 0.0004% as preservatives.

REGISTRATION NO. 30687 PEST CONTROL PRODUCTS ACT

CAUTION – SKIN IRRITANT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

PROTECT FROM FREEZING

NET CONTENTS: 0.5 L – 1000 L

Bayer CropScience Inc.  
Suite 200, 160 Quarry Park Blvd. SE  
Calgary, AB T2C 3G3

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)

## GENERAL INFORMATION

RAXIL PRO CONCENTRATE Seed Treatment Fungicide is a seed treatment containing the fungicides prothionconazole, tebuconazole and metalaxyl. RAXIL PRO CONCENTRATE Seed Treatment Fungicide provides protection from seed, seedling and soil-borne diseases caused by certain *Ustilago* spp., *Tilletia* spp., *Fusarium* spp., *Pythium* spp., *Cochliobolus sativus*, *Pyrenophora* spp., *Aspergillus* spp., *Penicillium* spp. and *Rhizoctonia solani* on labeled crops

## PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN.
- Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. DO NOT get in eyes or on clothing. Wear protective eyewear. Avoid contact with skin and breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.
- Workers must wear long pants, a long-sleeved shirt, chemical-resistant gloves and protective eyewear during mixing, loading and treating. Wear long pants, a long-sleeved shirt and chemical-resistant gloves during clean-up, maintenance of seed treatment equipment, bagging, sewing or stacking of bagged treated seed. In addition, workers must wear a suitable dust mask when bagging or sewing bags of treated seed or when transferring seed to a storage bin.
- Do not apply in a way that this product will contact workers or other persons. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area being treated during application.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: "This seed has been treated with RAXIL PRO CONCENTRATE Seed Treatment Fungicide containing prothioconazole, tebuconazole and metalaxyl. Use chemical-resistant gloves when handling treated seed. DO NOT use for feed, food or oil processing. Store away from feeds and other foodstuffs. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil."
- 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., visit CropLife Canada's website at [www.croplife.ca](http://www.croplife.ca).

## 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 to 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.

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 Pest Control Product Registration Number with you when seeking medical attention.

#### TOXICOLOGICAL INFORMATION:

There is no specific antidote if this product is ingested. Treat symptomatically.

#### ENVIRONMENTAL HAZARDS:

- TOXIC to aquatic organisms.
- The use of this product may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or depth to the water table is shallow.

#### 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. To prevent contamination, store this product away from food or feed.

#### 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 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. Follow these steps for rinsing of containers:

1. Transfer RAXIL PRO CONCENTRATE Seed Treatment 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.
5. Thoroughly mix the RAXIL PRO CONCENTRATE Seed Treatment Fungicide and rinse water in the applicator tank prior to use.

**CAUTION:** Be sure to adjust the undiluted application rate by the same volume of water added 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.

**DISPOSAL OF TREATED SEED:**

Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. Dispose of seed packaging in accordance with local requirements. DO NOT re-use bags from treated seed to handle food or feed products.

**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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AGRICULTURAL

GUARANTEE:	Tebuconazole	15.5 g/L
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Contains 1,2-benzisothiazolin-3-one at 0.04% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.001% and 2-methyl-4-isothiazolin-3-one at 0.0004% as preservatives.

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## GENERAL INFORMATION

### Section 1: The Product

RAXIL PRO CONCENTRATE Seed Treatment Fungicide is a seed treatment containing the fungicides prothionconazole, tebuconazole and metalaxyl. RAXIL PRO CONCENTRATE Seed Treatment Fungicide provides protection from seed, seedling and soil-borne diseases caused by certain *Ustilago* spp., *Tilletia foetida*, *Fusarium* spp., *Pythium* spp., *Cochliobolus sativus*, *Pyrenophora graminea*, *Aspergillus* spp., *Penicillium* spp. and *Rhizoctonia solani* on labeled crops

## SAFETY AND HANDLING

### Section 2: Precautions, Protective Clothing and Equipment

#### PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN.
- Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. DO NOT get in eyes or on clothing. Wear protective eyewear. Avoid contact with skin and breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.
- Workers must wear long pants, a long-sleeved shirt, chemical-resistant gloves and protective eyewear during mixing, loading and treating. Wear long pants, a long-sleeved shirt and chemical-resistant gloves during clean-up, maintenance of seed treatment equipment, bagging, sewing or stacking of bagged treated seed. In addition, workers must wear a suitable dust mask when bagging or sewing bags of treated seed or when transferring seed to a storage bin.
- Do not apply in a way that this product will contact workers or other persons. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area being treated during application.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: "This seed has been treated with RAXIL PRO CONCENTRATE Seed Treatment Fungicide containing prothioconazole, tebuconazole and metalaxyl. Use chemical-resistant gloves when handling treated seed. DO NOT use for feed, food or oil processing. Store away from feeds and other foodstuffs. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil."
- 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., visit CropLife Canada's website at [www.croplife.ca](http://www.croplife.ca).

### Section 3: First Aid and Toxicological Information

#### 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 to 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.

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 Pest Control Product Registration Number with you when seeking medical attention.

#### TOXICOLOGICAL INFORMATION:

There is no specific antidote if this product is ingested. Treat symptomatically.

### Section 4: Environmental Precautions and Information

#### ENVIRONMENTAL HAZARDS:

- TOXIC to aquatic organisms.
- The use of this product may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or depth to the water table is shallow.

### Section 5: 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. To prevent contamination, store this product away from food or feed.



## Section 6: 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:

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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. Follow these steps for rinsing of containers:

1. Transfer RAXIL PRO CONCENTRATE Seed Treatment 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.
5. Thoroughly mix the RAXIL PRO CONCENTRATE Seed Treatment Fungicide and rinse water in the applicator tank prior to use.

**CAUTION:** Be sure to adjust the undiluted application rate by the same volume of water added 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.

#### DISPOSAL OF TREATED SEED:

Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. Dispose of seed packaging in accordance with local requirements. DO NOT re-use bags from treated seed to handle food or feed products.

### Section 7: Notices

**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.

#### DIRECTIONS FOR USE

RAXIL PRO CONCENTRATE Seed Treatment Fungicide is a seed treatment formulation for use in commercial seed treatment operations and for on-farm treatment with conventional seed treating equipment which can accurately meter, mix and apply flowable seed treatment formulations. Allow seeds to dry before bagging, storing or seeding. Uniform application to seed is necessary to ensure best disease protection and seed safety.

This product is recommended to be diluted with water or another suitable liquid just prior to application to ensure uniform coverage to the seed during the application process. Do not store diluted mixture. Additional or continuous agitation or mixing of a diluted mixture may be necessary to prevent RAXIL PRO CONCENTRATE Seed Treatment Fungicide from settling out. Uniform application to seed is necessary to ensure best disease protection and seed safety.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

### Section 8: Pests Controlled

RAXIL PRO CONCENTRATE Seed Treatment Fungicide is a seed treatment containing the fungicides prothionazole, tebuconazole and metalaxyl. RAXIL PRO CONCENTRATE Seed Treatment Fungicide provides protection from seed, seedling and soil-borne diseases caused by certain *Ustilago* spp., *Tilletia foetida*, *Fusarium* spp., *Pythium* spp., *Cochliobolus sativus*,

*Pyrenophora graminea*, *Aspergillus* spp., *Penicillium* spp. and *Rhizoctonia solani* on labeled crops.

Section 9: Recommended Uses

CROP	PEST	APPLICATION RATE	DIRECTIONS
Barley	<p>Control:</p> <p>Seed rot, pre-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne <i>Pythium</i> spp.</p> <p>Seedling blight caused by seed-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne, <i>Fusarium</i> spp. and <i>Pythium</i> spp.</p> <p>Post-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp. and <i>Cochliobolus sativus</i></p> <p>Seed rot, pre-emergent damping-off, post-emergent damping-off and seedling blight caused by seed-borne <i>Aspergillus</i> spp.</p> <p>True loose smut (<i>Ustilago nuda</i> f. sp. <i>hordei</i>)</p> <p>Covered smut (<i>Ustilago hordei</i>)</p> <p>False loose smut (<i>Ustilago nigra</i>)</p> <p>Barley leaf stripe (seed-borne <i>Pyrenophora graminea</i>)</p> <hr/> <p>Suppression:</p> <p>Root and Crown rot caused by seed- and soil-borne <i>Fusarium</i> spp.</p> <p>Common root rot caused by seed- and soil-borne <i>Cochliobolus sativus</i></p> <p>Seedling blight caused by seed-borne <i>Penicillium</i> spp.</p> <p>Seed rot, pre-emergent damping off and root rot caused by <i>Rhizoctonia solani</i></p>	Apply 65 mL per 100 kg of seed	<p>Use only in treating equipment which can accurately control application rates and provide good distribution of the chemical onto the seed in the mixing chamber.</p> <p>Uniform application to seed is necessary to ensure best disease protection and seed safety.</p>

CROP	PEST	APPLICATION RATE	DIRECTIONS
Oats	<p>Control:</p> <p>Seed rot, pre-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne <i>Pythium</i> spp.</p> <p>Seedling blight caused by seed-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne, <i>Fusarium</i> spp. and <i>Pythium</i> spp.</p> <p>Post-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp. and <i>Cochliobolus sativus</i></p> <p>Seed rot, pre-emergent damping-off, post-emergent damping-off and seedling blight caused by seed-borne <i>Aspergillus</i> spp.</p> <p>Loose smut (<i>Ustilago avenae</i>)</p> <p>Covered smut (<i>Ustilago nigra</i>)</p>	Apply 65 mL per 100 kg of seed	<p>Use only in treating equipment which can accurately control application rates and provide good distribution of the chemical onto the seed in the mixing chamber.</p> <p>Uniform application to seed is necessary to ensure best disease protection and seed safety.</p>
	<p>Suppression:</p> <p>Root and Crown rot caused by seed- and soil-borne <i>Fusarium</i> spp.</p> <p>Common root rot caused by seed- and soil-borne <i>Cochliobolus sativus</i></p> <p>Seedling blight caused by seed-borne <i>Penicillium</i> spp.</p> <p>Seed rot, pre-emergent damping off and root rot caused by <i>Rhizoctonia solani</i></p>		

CROP	PEST	APPLICATION RATE	DIRECTIONS
Wheat	<p>Control:</p> <p>Seed rot, pre-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne <i>Pythium</i> spp.</p> <p>Seedling blight caused by seed-borne <i>Fusarium</i> spp., <i>Cochliobolus sativus</i> and soil-borne, <i>Fusarium</i> spp. and <i>Pythium</i> spp.</p> <p>Post-emergent damping-off caused by seed- and soil-borne <i>Fusarium</i> spp. and <i>Cochliobolus sativus</i></p> <p>Seed rot, pre-emergent damping-off, post-emergent damping-off and seedling blight caused by seed-borne <i>Aspergillus</i> spp.</p> <p>Loose smut (<i>Ustilago tritici</i>) Common bunt (<i>Tilletia foetida</i>)</p>	Apply 65 mL per 100 kg of seed	<p>Use only in treating equipment which can accurately control application rates and provide good distribution of the chemical onto the seed in the mixing chamber.</p> <p>Uniform application to seed is necessary to ensure best disease protection and seed safety.</p>
	<p>Suppression:</p> <p>Root and Crown rot caused by seed- and soil-borne <i>Fusarium</i> spp.</p> <p>Common root rot caused by seed- and soil-borne <i>Cochliobolus sativus</i></p> <p>Seedling blight caused by seed-borne <i>Penicillium</i> spp.</p> <p>Seed rot, pre-emergent damping off and root rot caused by <i>Rhizoctonia solani</i></p>		

RAXIL PRO CONCENTRATE Seed Treatment Fungicide must be diluted with water or other liquid products prior to application. Mix RAXIL PRO CONCENTRATE Seed treatment Fungicide with water or other liquid products to obtain a total application volume of 250 to 750 mL per 100 kg of seed in order to allow for optimal product flow and seed coverage. Ensure that the seed treatment equipment is calibrated to deliver a final mixture volume which applies RAXIL PRO CONCENTRATE Seed Treatment Fungicide at the rate of 65 mL per 100 kg of seed.

#### MIXING INSTRUCTIONS:

- Add the desired amount of RAXIL PRO CONCENTRATE Seed Treatment Fungicide plus half the required water or other liquid products into a clean container and mix until dilution is uniform. Add the remaining water and other liquid products and mix thoroughly until a homogenous dilution is obtained.
- Additional mixing of the diluted product may be required to prevent RAXIL PRO

CONCENTRATE Seed Treatment Fungicide from settling out if the mixture is not used immediately.

- Mix only enough product for the quantity of seed to be treated. Do not store the diluted mixture.

#### TANK-MIXTURES:

For control of certain insect pests, RAXIL PRO CONCENTRATE Seed Treatment Fungicide may be combined with certain seed treatment insecticides.

For recommended tank-mixes, read the label directions for each product and follow the most restrictive label precautions and limitations.

CROP	TANK-MIX PARTNER
Wheat, Barley, Oats	Stress Shield

### Section 10: Application Cautions

**SEED QUALITY:** Lab and field studies have shown that RAXIL PRO CONCENTRATE Seed Treatment Fungicide treated seed can be stored without loss in germination or disease performance. Many seed types are prone to mechanical damage during seed handling, and a reduction in germination within a seed lot can occur should handling cause seed damage irrespective of seed treatment application. RAXIL PRO CONCENTRATE Seed Treatment Fungicide-treated or untreated seed may drop in germination with age and germination drops are accelerated under adverse storage conditions or in seed with a high level of mechanical damage. Use handling equipment designed to minimize mechanical damage when moving seed. Due to seed quality and seed storage conditions beyond the control of Bayer CropScience, no claims are made to guarantee the germination of carry-over seed or propagating materials for all crop seed. Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour and poor quality, may result in reduced germination and/or reduction of seed and seedling vigour. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment.

**COLOURATION OF TREATED SEED:** This product contains a pigment which will colour the treated seed. However, users are responsible for ensuring that the treated seed, when dried and ready for bagging, storage or seeding, has an unnatural colour. If the pigment contained in the formulation does not colour the seed adequately, additional colourant must be added to the mixture while treating the seed. Regulations pertaining to colouration of treated seed enforced under the *Seeds Act* must be strictly adhered to when using this product.

## Section 11: Use Limitations

### USE RESTRICTIONS:

- Treated seed must not be used for food, feed or oil processing.

### LABELLING TREATED SEED:

All bags containing treated seed must be labelled or tagged as follows: “This seed has been treated with RAXIL PRO CONCENTRATE Seed Treatment Fungicide, which contains prothioconazole, tebuconazole and metalaxyl. Use chemical-resistant gloves when handling treated seed. DO NOT use for feed, food or oil processing. Store away from feeds and other foodstuffs. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil.”

## Section 12: Resistance-Management Recommendations

For resistance management, please note that RAXIL PRO CONCENTRATE Seed Treatment Fungicide contains Group 3 and Group 4 fungicides. Any fungal population may contain individuals naturally resistant to RAXIL PRO CONCENTRATE Seed Treatment Fungicide and other Group 3 and 4 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 PRO CONCENTRATE Seed Treatment Fungicide or other Group 3 and 4 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 fungal populations for resistance development.
- 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 Inc at 1-888-283-6847 or at [www.bayercropscience.ca](http://www.bayercropscience.ca).