

2007-2309
06-Apr-2009

IMPORTANT: STIR WELL BEFORE USING

GROUP	3	FUNGICIDE
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RANCONATM Apex Fungicide

Suspension Fungicide Seed Protectant for use on cereals including wheat, barley, oats, rye and triticale. Contains ipconazole for the control or suppression of: seed rot, pre- and post-emergence damping-off, seedling blight, smuts, bunts, leaf stripe, root rot caused by listed pathogens.

AGRICULTURAL

GUARANTEE:
Ipconazole..... 4.61 g/L

REGISTRATION NO: 29176 Pest Control Products Act

READ THE LABEL BEFORE USING

MADE IN CANADA

NET CONTENTS:

**Chemtura Canada Co./Cie
25 Erb Street
Elmira, ON N3B 3A3**

24 HOUR EMERGENCY PHONE 1-866-744-3060
GROWER INFORMATION 1-800-350-1745

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FIRST AID:

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **Do not** induce vomiting unless told to do so by a poison control centre or doctor. **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 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. 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 or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically

PRECAUTIONS:

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **Do not** swallow; **do not** get on skin or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately before reuse.
3. When handling or applying **RANCONA Apex Fungicide**, or working with contaminated equipment, wear long sleeved coveralls over normal work clothing, chemical resistant gloves and goggles. Handlers of treated seed must wear long-sleeved shirt and long pants; chemical-resistant gloves, shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
4. **DO NOT** get into eyes. The operator is advised to wear goggles to protect eyes from possible splashing. In case of contact with eyes, flush **IMMEDIATELY** with running water and seek medical attention.
5. 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., contact 1-866-375-4648 or visit CropLife Canada's website at www.croplife.ca.

DIRECTIONS FOR USE:

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

RANCONA Apex Fungicide is a broad-spectrum, ready to use seed treatment fungicide with systemic properties recommended for the control of labelled diseases on cereals, including wheat, barley, oats, rye and triticale. Seed should be sound and well cured before treatment.

ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

RANCONA Apex Fungicide is a ready to use formulation and should be applied utilizing mechanical, slurry or mist-type on-farm or commercial seed treating equipment, which can be calibrated to accurately and uniformly apply the product to seed. Uniform application to seed is necessary to ensure best disease protection and optimum performance. Refer to the label rates below.

Undiluted **RANCONA Apex Fungicide** can be used at temperatures down to -20°C. Treater calibration will be affected by temperature and should be rechecked on a regular basis. In most cases, **RANCONA Apex Fungicide** can be applied undiluted, but dilution with water may be appropriate for some types of treaters and/or treating under dry and/or hot conditions to achieve more uniform product to seed coverage. **RANCONA Apex Fungicide** and water should be mixed thoroughly prior to treating seed. Recalibrate treating equipment to compensate for the addition of water. The amount of dilution water that is most suitable depends on the seed, treater type and temperature. Contact your local Chemtura representative or supplier for specific recommendations.

- **Do not** store **RANCONA Apex Fungicide** in direct sunlight. **Do not** store **RANCONA Apex Fungicide** at temperatures above 35°C. Keep from freezing.
- For cleaning lines and reservoirs, flush with water.
- Mixing of **RANCONA Apex Fungicide** with other seed treatment products may result in gelling or sedimentation. Seed treater lines and reservoirs should therefore be thoroughly cleaned before changing over to **RANCONA Apex Fungicide**.
- Seeding rate should be checked during planting.
- Mix well before using.
- **RANCONA Apex Fungicide** treated wheat and barley seed may be stored for up to 18 months without reduction in germination due to the treatment chemical. However, treatment of highly mechanically damaged seed, or seed known to be of low vigour and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigour. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond the control of Chemtura Canada Co./Cie, Chemtura Canada Co./Cie makes no claims or guarantees as to germination of carry-over seed.

RANCONA Apex Fungicide contains the systemic fungicide ipconazole for the control of the following diseases:

Crops	Rate (mL/100 kg)	Symptoms (Disease organism) Controlled	Symptoms (Disease organism) Suppressed
Barley	325	General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i>) Seed rot and seedling blight (seed- and soil-borne <i>Cochliobolus sativus</i>) True Loose Smut Covered Smut False Loose Smut Leaf Stripe (<i>Pyrenophora graminea</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
	325-433	True loose smut control. Use the higher rate for highly infected seed lots only.	Same as 325 ml rate.
Wheat (Spring and Winter)	325	General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i>) Seed rot and seedling blight (seed- and soil-borne <i>Cochliobolus sativus</i>) Loose Smut Common Bunt	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Oats	325	General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i>) Seed rot and seedling blight (seed- and soil-borne <i>Cochliobolus sativus</i>) Loose Smut Covered Smut	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Rye, Triticale	325	General seed rots (including those caused by saprophytic organisms such as <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i>) Seed rot and seedling blight (seed- and soil-borne <i>Cochliobolus sativus</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **RANCONA Apex Fungicide** contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to **RANCONA Apex Fungicide** 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 **RANCONA Apex Fungicide** or other Group 3 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 Chemtura Canada Co./Cie at (1-800-350-1745) or at (www.chemtura.com)

USE RESTRICTIONS:

- 1) **Do not** graze or feed livestock on treated areas for 30 days after planting.
- 2) **Do not** use treated seed for food, feed or oil processing.
- 3) Treated seed must be labelled as follows:
“This seed has been treated with RANCONA Apex Fungicide - contains ipconazole: do not use for food, feed or oil processing. Handlers of treated seed must wear long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks.”
- 4) **Do not** contaminate feed or foodstuffs.
- 5) **Do not** contaminate ponds, lakes or streams.

ENVIRONMENTAL HAZARDS:

Treated seed is toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

STORAGE AND DISPOSAL:

STORAGE:

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

DISPOSAL:

NON-RETURNABLE / NON-REFILLABLE CONTAINERS:

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.

Recycle the container where facilities exist in accordance with all applicable regulations. Contact your local distributor/dealer or municipality for the location of the nearest collection site.

RETURNABLE CONTAINERS:

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

REFILLABLE CONTAINERS:

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

USE OF PRODUCT RINSATE:

Product rinsate from rinsing containers or cleaning equipment, if not contaminated with any other materials, may be added into the product and used to treat seed. Adjust the application rate to account for the dilution of the product by the rinsate. When treating below 0 °C, **do not** add more than 6% rinsate to the product. If rinsate or water is added to the product, keep the mixture agitated to prevent settling. Contact your Chemtura representative or supplier for specific recommendations.

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.