

IMPORTANT: ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

GROUP	3 / 4 / 7	FUNGICIDE
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RANCONA[®] TRIO

Fungicide

LIQUID SEED PROTECTANT

A systemic and contact broad spectrum fungicide seed treatment for the control or suppression of seed rot, pre- and post-emergence damping-off, seedling blight, root rot, smut, bunt and leaf stripe on cereal grains (wheat, barley, oats, rye and triticale).

SUSPENSION

AGRICULTURAL

GUARANTEE:

Ipconazole.....5.0 g/L
Carbathiin133.33 g/L
Metalaxyl.....13.33 g/L

Contains petroleum distillates
Contains 1,2 benzisothiazolin-3-one at 0.019% as a preservative.

REGISTRATION NO: 32668
PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

NET CONTENTS: 500 ml – bulk

Manufactured for:
Arysta LifeScience Canada Inc.
400 Michener Road, Unit 2
Guelph, ON N1K 1E4

FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROPHARMA:
1-866-303-6952 or +1-651-603-3432.

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leak, fire, exposure or accident)
CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887

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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 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 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:

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

This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

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

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN**
2. Causes moderate eye irritation. **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.
3. Commercial handlers (including facility workers and mobile treaters):
 - When mixing, loading, applying or handling **RANCONA TRIO Fungicide**, or seeds treated with **RANCONA TRIO Fungicide**, wear a long-sleeved shirt, long pants, shoes and socks, and chemical resistant gloves. When cleaning or repairing equipment contaminated with **RANCONA TRIO Fungicide**, wear cotton coveralls over a long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves. In addition, wear a NIOSH-approved N95 filtering facepiece respirator (dust mask) that is properly fit tested when bagging or sewing bags of treated seed or when transferring seed to a storage bin.

On-farm handlers/workers:

- When mixing, loading, applying, cleaning or handling **RANCONA TRIO Fungicide**, contaminated equipment or seeds treated with **RANCONA TRIO Fungicide**, wear cotton coveralls over a long-sleeved shirt, long pants, shoes and socks, goggles and chemical resistant gloves. In addition, wear a NIOSH-approved N95 filtering facepiece respirator (dust mask) that is properly fit tested when bagging or sewing bags of treated seed or when transferring seed to a storage bin.

Planters:

- When planting on-farm treated seeds (i.e., from bulk), use an open- or closed-cab tractor and wear cotton coveralls over a long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves. Gloves are not required while driving the tractor.
- When planting commercially treated seeds (i.e., from bags), use a closed-cab tractor when planting more than 2200 kg of treated seeds per day and wear a long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves.

Gloves are not required while driving the tractor.

4. Use good personal hygiene, washing hands and exposed skin with warm water and soap before eating, drinking, or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.
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 the acceptable residue levels in the U.S., visit CropLife Canada's website at www.croplife.ca/.

GENERAL INFORMATION:

RANCONA TRIO Fungicide is a broad-spectrum seed treatment fungicide containing ipconazole, carbathiin and metalaxyl that provides control or suppression of seed, seedling and soil-borne diseases of cereal grains barley, wheat, oats, rye and triticale.

DIRECTIONS FOR USE:

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

For cereal grains (wheat, barley, oats, rye and triticale): **RANCONA TRIO Fungicide** may be applied either on-farm, in commercial seed treatment facilities or by mobile treaters. Commercial facilities (including mobile treaters), must use a closed-transfer system ONLY, including closed mixing, loading, calibrating, and closed-treatment equipment. On-farm facilities may employ a closed- or an open-transfer system.

ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

Apply **RANCONA TRIO Fungicide** using standard seed treatment equipment. Uniform application on seed is necessary to ensure optimum performance. Use only in treating equipment which can accurately control application rate and provide good distribution of the chemical onto the seed in the mixing chamber. NOT for use in hopper box, slurry-box or similar seed treatment applications.

This product must be diluted with water prior to application, and agitated to keep the slurry uniform, to assure uniform seed coverage. A minimum total slurry volume of 100 mL/100 kg seed is recommended. Do not tank mix with other products unless compatibility has been confirmed and is used at approved rates and according to all label directions; or is specified on this label. The optimum treating process and slurry composition depends on the crop, the treating process and application conditions. If assistance is required for treating recommendations, contact your Arysta LifeScience Canada Inc. representative.

Crop	Application Rate Rancona TRIO Fungicide	Diseases Controlled	Diseases Suppressed
Barley	300 mL / 100 kg of seed To deliver 0.0159 mg ai per seed, apply 10.5 mL / 100,000 seeds (based on an average of 28,860 seeds per kg)	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (<i>Rhizoctonia solani</i> , <i>Fusarium</i> spp., <i>Pythium</i> spp.) Seed rot and seedling blight (seed and soil-borne <i>Cochliobolus sativus</i>) True Loose Smut (<i>Ustilago nuda</i>) Covered Smut (<i>Ustilago hordei</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot <i>Fusarium</i> spp.

Crop	Application Rate Rancona TRIO Fungicide	Diseases Controlled	Diseases Suppressed
		False Loose Smut (<i>Ustilago nigra</i>) Leaf Stripe (<i>Pyrenophora graminea</i>)	
Wheat (Spring and Winter)	300 mL / 100 kg of seed To deliver 0.0159 mg ai per seed, apply 10.5 mL / 100,000 seeds (based on an average of 28,860 seeds per kg)	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (<i>Rhizoctonia solani</i> , <i>Fusarium</i> spp., <i>Pythium</i> spp.) Seed rot and seedling blight (seed and soil-borne <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago tritici</i>) Common Bunt (<i>Tilletia tritici</i> , syn. <i>T. caries</i> / <i>T. laevis</i> , syn. <i>T. foetida</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Oats	300 mL / 100 kg of seed To deliver 0.0159 mg ai per seed, apply 10.5 mL / 100,000 seeds (based on an average of 28,860 seeds per kg)	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (<i>Rhizoctonia solani</i> , <i>Fusarium</i> spp., <i>Pythium</i> spp.) Seed rot and seedling blight (seed and soil-borne <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago avenae</i>) Covered Smut (<i>Ustilago kolleri</i> syn. <i>U. segetum</i> var. <i>hordei</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Rye, Triticale	300 mL / 100 kg of seed To deliver 0.0109 mg ai per seed, apply 7.2 mL / 100,000 seeds (based on an average of 41,560 seeds per kg)	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (<i>Rhizoctonia solani</i> , <i>Fusarium</i> spp., <i>Pythium</i> spp.) 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.)

TANK MIXTURES:

For other tank mixes, do not use **RANCONA TRIO Fungicide** in combination with other seed treatment products unless their compatibility has been verified. Always read and follow carefully all label directions and precautions of each combination product.

When used in a tank mix, follow all use directions and the most restrictive precautions and restrictions on the individual product labels.

APPLICATION CAUTIONS:

SEED QUALITY: Laboratory and field studies have shown that **RANCONA TRIO Fungicide** applied to cereal grain seeds will not adversely affect seed germination. **RANCONA TRIO Fungicide** treated cereal grains 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 of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treatment of mechanically scarred or damaged seed, or of seed known to be of low germ, low vigor and poor quality is not recommended. 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 Arysta LifeScience Canada Inc., no claims are made to guarantee germination of carry-over seed.

USE RESTRICTIONS:

- **Do not** use treated seed for food, feed or oil processing.
- **Do not** contaminate food or feedstuffs.
- **Do not** contaminate ponds, lakes or streams.
- **Do not** store treated seed above 25°C or in direct sunlight.
- **Do not** graze or feed livestock in treated areas for **4 weeks after planting** except for the following crops:
 - Barley, Oats, Wheat: Do not graze or feed on treated area for **six weeks after planting**.
- **Labeling Treated Seed:** All bags containing seed treated with this product must be labeled or tagged as follows:

“This seed has been treated with **RANCONA TRIO Fungicide**, which contains ipconazole, carbathiin and metalaxyl. DO NOT use for feed, food or oil processing. Store away from feeds and other food stuffs. When planting or handling treated seeds, workers must wear a long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves. Gloves are not required while driving the tractor. A closed-cab tractor is required when planting more than 2200 kg of treated seeds per day.”

“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.”

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

DO NOT apply by air.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **RANCONA TRIO Fungicide** contains a Group 3, a Group 4, and a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to **RANCONA TRIO Fungicide** and other Group 3, 4 or 7 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 TRIO Fungicide** or other Group 3,4 or 7 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide use should be based on an integrated disease management (IPM) program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify Arysta LifeScience Canada Inc. if reduced sensitivity of the pathogen to **RANCONA TRIO Fungicide** is suspected.
- 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 Arysta LifeScience Canada Inc. at 1-800-423-8569.

STORAGE AND DISPOSAL

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STORAGE

To prevent contamination store this product away from food or feed. Store in original container only, away from other pesticides, fertilizer, food or feed. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight. Avoid excess heat. **Do not freeze.** ALWAYS SHAKE, STIR OR OTHERWISE MIX THIS PRODUCT WELL BEFORE USING.

DISPOSAL

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 rinsing 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.

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 **RANCONA TRIO 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 **RANCONA TRIO 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.

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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