

IMPORTANT: ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

GROUP

3 / 7

FUNGICIDE

RANCONA® V 100 Pro FS

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 and root rot on cereal grains (wheat, barley, oats, rye and triticale) and legume vegetables (soybeans, dried shelled peas and beans, dried shelled and succulent / edible podded peas and beans, lentil, and chickpea).

This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to colouration of treated seed under the *Seeds Act* must be strictly adhered to when using this product.

SUSPENSION

AGRICULTURAL

ACTIVE INGREDIENT:

Ipconazole... .. 25 g/L

Carbathiin..... 400 g/L



CAUTION

POISON

WARNING SKIN IRRITANT

Contains petroleum distillates

REGISTRATION NO: 32667 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:
UPL AgroSolutions Canada Inc.

PO Box 12219

Research Triangle Park, NC 27709
For Product Use Information Call 1-800-438-6071

FOR CHEMICAL EMERGENCY (Spill, leak, fire, exposure or accident)CALL
CHEMTREC: 1-800-424-9300

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

In cleaning of equipment or disposing of wastes, **DO NOT** contaminate water used for human or animal consumption or by wildlife and aquatic life or for irrigation purposes.

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. Harmful if swallowed. Causes skin irritation, **DO NOT** get on skin.

3. Commercial handlers (including facility workers and mobile treaters):

- When mixing, loading, applying, cleaning or handling RANCONA V 100 Pro FS Fungicide, contaminated equipment or seeds treated with RANCONA V 100 Pro FS 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 V 100 Pro FS Fungicide, contaminated equipment or seeds treated with RANCONA V 100 Pro FS 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.

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-sleeve 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 thoroughly with soap and warm

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water after handling and before eating, drinking, or smoking. No food, drink or tobacco should

be allowed in areas of chemical storage or use. Remove and wash contaminated clothing before reuse.

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., consult the CropLife Canada website at www.croplife.ca.

GENERAL INFORMATION:

RANCONA V 100 Pro FS Fungicide is a broad-spectrum seed treatment fungicide containing ipconazole and carbathiin that provides control or suppression of seed, seedling and soil-borne diseases of cereal grains (barley, wheat, oats, rye, triticale) and legume vegetables (soybeans, dried shelled & succulent edible podded peas and beans, lentil and chickpea).

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) and legume vegetables (soybeans, peas, beans, lentils and chickpeas): RANCONA V 100 Pro FS 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 V 100 Pro FS 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 contains no dye or colourant. An appropriate seed colourant must be applied. This product must be diluted with water or tank mix partners prior to application, and agitated to keep the slurry uniform, to assure uniform seed coverage. A minimum total slurry volume of 100 mg/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 UPL AgroSolutions Canada Inc. representative.

Crops	Application Rate	Diseases Controlled	Diseases Suppressed
Barley*	60 - 80 mL /100 kg. seed NOTE: The higher rate provides a higher level of true loose smut control and is recommended for highly infected seed lots.	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (seed- and soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>) 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>) False Loose Smut (<i>Ustilago nigra</i>) Leaf Stripe (<i>Pyrenophora graminea</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)

Crops	Application Rate	Diseases Controlled	Diseases Suppressed
Wheat* (Spring and Winter)	60 mL /100 kg. seed	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (seed- and soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>) Seed rot and seedling blight (seed and soil-borne <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago tritici</i>) Common Bunt (<i>Tilletia caries</i> , <i>T. foetida</i>)	Common root rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Oats*	60 mL /100 kg. seed	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (seed- and soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>) Seed rot and seedling blight (seed and soil-borne <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago avenae</i>) Covered Smut (<i>Ustilago kollerii</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*	60 mL /100 kg. seed	Seed rot (<i>Penicillium</i> spp. and <i>Aspergillus</i> spp.) Seed rot/pre-emergence damping-off, post-emergence damping-off, seedling blight (seed- and soil-borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</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.)
Soybeans	100 mL /100 kg. seed ----- To deliver 0.0673 mg.ai. per seed, apply 15.8 mL / 100,000 seeds, or 22.2 mL / 140,000 seed units (based on an average of 6,173 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.) Seedling root rot (<i>Rhizoctonia solani</i>) Seed rot (<i>Phomopsis longicolla</i>)	Seedling root rot (<i>Fusarium</i> spp.) Sudden Death Syndrome / SDS (<i>Fusarium virguliforme</i>)
Beans (dried shelled and succulent edible-podded): Bean	100 mL /100 kg. seed	Seed rots (<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>	Seedling root rot (<i>Fusarium</i> spp.)

Crops	Application Rate	Diseases Controlled	Diseases Suppressed
<p>(Phaseolus spp.) (includes runner bean, snap bean, and wax bean, lima bean, field bean, kidney bean, navy bean, pinto bean, tepary bean); Bean (Vigna spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean, blackeyed pea, cowpea, southern pea, adzuki bean, catjang, Crowder pea, mung bean, rice bean, urd bean); Bean (Lupinus spp.) (includes grain lupin, sweet lupin, white lupin and white sweet lupin); Jackbean; swordbean; broad bean (fava bean); guar; lablab bean (hyacinth bean)</p>		<p>spp.) Seedling root rot (<i>Rhizoctonia solani</i>)</p>	
<p>Peas (dried shelled and succulent edible-podded): Pea (<i>Pisum</i> spp.)</p>	<p>100 mL /100 kg. seed</p>	<p>Seed rots (<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.)</p>	<p>Seedling root rot (<i>Fusarium</i> spp.)</p>

Crops	Application Rate	Diseases Controlled	Diseases Suppressed
(includes dwarf pea, edible-pod pea, snow pea, sugar snap pea, English pea, garden pea, green pea); pigeon pea		Seedling root rot (<i>Rhizoctonia solani</i>)	
Lentil	100 mL / 100 kg seed	Seed rots (<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.) Seed-borne ascochyta blight (<i>Ascochyta lentis</i>)	Seedling root rot (<i>Fusarium</i> spp.)
Chickpea	100 mL / 100 kg seed	Seed rots (<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.) Seed-borne ascochyta blight (<i>Ascochyta rabiei</i>)	Seedling root rot (<i>Fusarium</i> spp.)

*includes grains, forage and silage

TANK MIXTURES:

RANCONA V 100 Pro FS Fungicide may be applied to certain crops with BELMONT[®] 2.7 FS Fungicide to control *Pythium* spp. or *Phytophthora* spp. Refer to the product label for information regarding pathogens controlled on the target crop. For other tank mixes, do not use RANCONA V 100 Pro FS 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:

1. COLOURATION OF TREATED SEED: This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to colouration of treated seed enforced under the *Seeds Act* must be strictly adhered to when using this product.
2. SEED QUALITY: Laboratory and field studies have shown that RANCONA V 100 Pro FS Fungicide applied to cereal grain and legume vegetable seeds will not adversely affect seed germination. RANCONA V 100 Pro FS Fungicide treated cereal grains and legume vegetable 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 UPL AgroSolutions 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 after planting except for the following crops:
 - Soybeans – Do not graze or feed livestock on forage and hay on treated areas
 - Dry Beans – Do not graze or feed on bean forage for **60 days after planting**.
 - 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 V 100 Pro FS Fungicide, which contains ipconazole and carbathiin. 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 treated 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 V 100 Pro FS Fungicide contains a Group 3 and a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to RANCONA V 100 Pro FS Fungicide and other Group 3 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 V 100 Pro FS Fungicide or other Group 3 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 UPL AgroSolutions Canada Inc. if reduced sensitivity of the pathogen to RANCONA V 100 Pro FS 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 UPL AgroSolutions Canada Inc. at 1-800-438-6071.

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 NON-RETURNABLE CONTAINERS:

1. Triple- or pressure-rinse the empty container. Add 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 rinsed 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 or the provincial regulatory agency in case of a spill, and for clean-up of spills.

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 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 RANCONA V 100 Pro FS 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 V 100 Pro FS Fungicide and rinse water in the applicator tank prior to use.

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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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