

PEEL HERE
TO OPEN 

Rancona[®] 3.8 FS

seed treatment

Active Ingredient:	(% by weight)
ipconazole (CAS No. 125225-28-7)	40.7%*
Other Ingredients:	59.3%
Total:	100.0%

*Contains 3.77 pounds of active ingredient per gallon

*Contains 452 grams of active ingredient per liter


KEEP OUT OF REACH OF CHILDREN
CAUTION


See inside booklet for additional First Aid, Precautionary Statements, and Directions for Use.

For Product Use Information Call 1-866-761-9397

Manufactured For:
MacDermid Agricultural Solutions, Inc.
245 Freight Street
Waterbury, CT 06702-1818

EPA Reg. No. 400-544

 EPA Est. No. 089332-GA-002

 EPA Est. No. 070815-GA-001

The EPA Establishment Number is identified by the circled letters that match the first two letters in the batch number
020/020516a
104181-A

NET CONTENTS: 2.5 GALLONS

FIRST AID

IF SWALLOWED:

- Call a poison control center 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 the poison control center or doctor.
- Do not give anything to an unconscious person.

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

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

For PRODUCT USE INFORMATION: Call 1-866-761-9397

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, or Viton. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spilled treated seed. This fungicide may persist in soil and long-term use in the same field may result in an accumulation of active ingredient. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

GENERAL

RANCONA® 3.8 FS is a systemic broad-spectrum fungicide seed treatment specifically for protection against a wide variety of soil borne and seed borne diseases as listed in the Application Instructions table for the specific crops. **RANCONA 3.8 FS** does not provide activity against *Pythium* spp. or *Phytophthora* spp. To provide best seedling protection against these specific fungal pathogens, use **RANCONA 3.8 FS** in combination with a product containing metalaxyl (such as BELMONT®-2.7 FS) at the label rate registered for your crop and disease complex. Consult the label for appropriate use rate and follow all use instructions and precautions for both products. For broader spectrum control, **RANCONA 3.8 FS** may be mixed in a water-based slurry with other registered seed treatment insecticides and fungicides, however, do not use with other seed treatment products unless previous experience assures compatibility.

NOTE: This product is undyed. The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately colored with a suitable colorant to prevent its accidental use as food for man or feed for animals. Refer to 21CFR, Part 2.25. Any colorant added to treated seed must be cleared for use under 40CFR, Part 153.155.

SEED TREATMENT EQUIPMENT

RANCONA 3.8 FS may be applied with standard mechanical, slurry, or mist-type commercial seed treating equipment only, provided that the equipment can be calibrated to accurately and uniformly apply the product to seed. **RANCONA 3.8 FS** is not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

Uniform application to seed is necessary to ensure best disease protection and optimum performance. Seed should be sound and well-cured before treatment. Refer to the label rates below. Product requires dilution prior to application. Contact your local MacDermid Agricultural Solutions, Inc. representative or supplier for specific recommendations.

TREATED SEED LABELING

Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling on the outside of the seed package or bag: "This bag contains seed treated with ipconazole. Do not use for Food, Feed, or Oil Purposes. Persons opening this bag or loading/pouring the treated seed must wear a long-sleeved shirt, long pants, shoes, socks and chemical-resistant gloves. After seeds have been planted, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: Once seeds are planted and covered by soil or other planting media, the Worker Protection Standard (WPS) allows workers to enter the treated area without restriction."

APPLICATION INSTRUCTIONS FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL

Crop	Application Rate	Diseases Controlled	Diseases Partially Controlled*
Wheat	0.051 to 0.085 fl oz per 100 lb seed To deliver 0.0005 - 0.0009 mg ai per seed, apply 0.004 - 0.007 fl oz per 100,000 seeds (Based on average of 13,000 seeds per lb)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <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.)
Barley	0.051 to 0.085 fl oz per 100 lb seed To deliver 0.0005 - 0.0009 mg ai. per seed, apply 0.004 - 0.007 fl oz per 100,000 seeds (Based on average of 13,000 seeds per lb)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <i>Cochliobolus sativus</i>) True Loose Smut (<i>Ustilago nuda</i>) Covered Smut (<i>U. hordei</i>) False Loose Smut (<i>U. nigra</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.) Leaf stripe (<i>Pyrenophora graminea</i>)
Oats	0.051 to 0.085 fl oz per 100 lb seed To deliver 0.0005 - 0.0009 mg ai per seed, apply 0.004 - 0.007 fl oz per 100,000 seeds (Based on average of 13,000 seeds per lb)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <i>Cochliobolus sativus</i>) Loose Smut (<i>Ustilago avenae</i>) Covered Smut (<i>U. kolleri</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Rye, Triticale	0.051 to 0.085 fl oz per 100 lb seed To deliver 0.0004 - 0.0006 mg ai per seed, apply 0.003 - 0.005 fl oz per 100,000 seeds (Based on average of 18,850 seeds per lb)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <i>Cochliobolus sativus</i>)	Common Root Rot (<i>Cochliobolus sativus</i>) Crown and Foot Rot (<i>Fusarium</i> spp.)
Buckwheat, Millet	0.051 to 0.085 fl oz 100 lb seed	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>)	
Soybeans	0.085 fl oz per 100 lb seed To deliver 0.0040 mg ai per seed, apply 0.043 fl oz per 140,000 seeds (Based on average of 2,800 seeds per lb.)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <i>Phomopsis</i> (<i>Diaporthe</i>) Seed-borne <i>Botrytis</i> and <i>Sclerotinia</i>	Root rot caused by <i>Fusarium</i> spp.
Beans (dried or succulent shelled and edible podded)	0.085 fl oz per 100 lb seed To deliver 0.0071 mg ai per seed, apply 0.053 fl oz per 100,000 seeds (Based on average of 1,600 seeds per lb.)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>) Seedling blight (seed borne <i>Ascochyta</i> spp.) Seed-borne <i>Botrytis</i> and <i>Sclerotinia</i>	Root rot (<i>Fusarium</i> spp.) Anthracnose (seed borne <i>Colletotrichum lindemuthianum</i>)

Crop	Application Rate	Diseases Controlled	Diseases Partially Controlled*
Peas (dried or succulent shelled and edible podded)	0.085 fl oz per 100 lb seed To deliver 0.0035 mg ai per seed, apply 0.027 fl oz per 100,000 seeds (Based on average of 3,200 seeds per lb.)	Seed rots (seed and soil borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.) Seed rot, damping off and seedling blights (seed and / or soil borne <i>Fusarium</i> spp. and <i>Rhizoctonia solani</i>) Seedling blight (seed borne <i>Ascochyta</i> spp.) Seed-borne <i>Botrytis</i> and <i>Sclerotinia</i>	Root rot (<i>Fusarium</i> spp.)

* Partial control can either mean erratic control from good to poor, or consistent control at a level below that generally considered acceptable for commercial disease control.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container only. 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 OR STIR WELL BEFORE USE.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Cover or incorporate spilled treated seeds.

EQUIPMENT CLEANING: Following applications, all seed treatment equipment should be thoroughly rinsed with water. Do not contaminate water by disposal of equipment washwater or rinsate.

CONTAINER DISPOSAL:

Nonrefillable Container

Plastic Containers: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling if available, reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Triple rinse as follows:

For containers with capacity equal to or less than 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Add water - at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume - and recap. Shake for 30 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water.

Recycling

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org.

IMPORTANT NOTICE - MacDermid Agricultural Solutions, Inc. warrants that this product conforms to the chemical description and is reasonably fit for the purposes stated on the label only when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

Treatment of highly mechanically damaged seed, or seed known to be of low vigor 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 vigor. 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 MacDermid Agricultural Solutions, Inc., MacDermid Agricultural Solutions, Inc. makes no claims or guarantees as to germination of carry-over seed.

RANCONA and BELMONT are registered trademarks of MacDermid Agricultural Solutions, Inc.

©2016 MacDermid Agricultural Solutions, Inc.

Rancona® 3.8 FS

seed treatment

Active Ingredient:	(% by weight)
ipconazole (CAS No. 125225-28-7)	40.7%*
Other Ingredients:	59.3%
Total:	100.0%

*Contains 3.77 pounds of active ingredient per gallon
 *Contains 452 grams of active ingredient per liter

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside booklet for additional First Aid, Precautionary Statements, and Directions for Use.

For Product Use Information Call 1-866-761-9397

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center 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 the poison control center or doctor. • Do not give anything to an unconscious person.
<p>EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL PROPHARMA: 1-866-303-6952 or +1-651-603-3432.</p> <p>FOR 24-HOUR CHEMICAL EMERGENCY (Spills, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spilled treated seed. This fungicide may persist in soil and long-term use in the same field may result in an accumulation of active ingredient. Do not contaminate water when disposing of equipment washwater or rinsate.

NET CONTENTS: 2.5 GALLONS

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container only. 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 OR STIR WELL BEFORE USE.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Cover or incorporate spilled treated seeds.

EQUIPMENT CLEANING: Following applications, all seed treatment equipment should be thoroughly rinsed with water. Do not contaminate water by disposal of equipment washwater or rinsate.

CONTAINER DISPOSAL:

Nonrefillable Container

Plastic Containers: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling if available, reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Triple rinse as follows:

For containers with capacity equal to or less than 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Add water - at least 2% of the container volume, and up to 1/3 of the volume of water needed to make the proper slurry composition with a maximum of 1/4 of the container volume - and recap. Shake for 30 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water.

Recycling

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org.

RANCONA is a registered trademark of MacDermid Agricultural Solutions, Inc.

Manufactured For:
 MacDermid Agricultural Solutions, Inc.
 245 Freight Street

Waterbury, CT 06702-1818

EPA Reg. No. 400-544

(MK) EPA Est. No. 089332-GA-002

(CJ) EPA Est. No. 070815-GA-001

The EPA Establishment Number is identified by the circled letters that match the first two letters in the batch number
 020/020516
 104181-A