

400-581

05/24/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Mr. Michael Dupre
Manager, North America Registrations
Chemtura Corporation
199 Benson RD
Middlebury, CT 06749

MAY 24 2012

SUBJECT: Rancona RS Fungicide
EPA Registration Number 400-581
Amendment dated February 23, 2012
Decision Number 446264

Dear Mr. Dupre:

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided you make the following label revisions:

1. **Page 2 – Precautionary Statements – Personal Protective Equipment (PPE)**
Delete the sentence: "When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS." since this product is not subject to the Worker Protection Standard.
2. **Page 2 – Environmental Hazards**
 - a) Delete the first sentence: "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."
 - b) Delete the third through fifth sentence: "Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seed by burying seed away from bodies of water."
 - c) Delete the sixth sentence "Do not contaminate bodies of water when . . . wash water."
 - d) Delete the eighth sentence: "This product contains seed treated with carboxin and ipconazole."

3. Page 2 – Directions for Use

Delete "Do not apply this product. . . consult the agency responsible for pesticide regulation." as this labeling is not required for products not subject to the Worker Protection Standard.

4. Page 3 – Seed Treatment Equipment

Revise the first and second sentence to read "Racona RS Fungicide is for use by commercial seed treaters only and is not for on-farm use. Do not apply Rancona RS as a planter box or hopper box treatment or other seed treatment applications at or immediately before planting."

5. Page 4 – Use Restrictions and Precautions

Revise item 4 to read "Rapeseed grown and harvested from RANCONA RS treated rapeseed is ONLY for industrial use. Treated rapeseed can NOT BE USED FOR EDIBLE OIL PRODUCTION or any other human or animal food or feed consumption."

6. Page 4 – Treated Seed Labeling

- a) After the second sentence, add the following text: "Excess treated canola seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice."
- b) Change the first sentence in the next to the last bullet to read "Rapeseed grown and harvested from RANCONA RS treated rapeseed is ONLY for industrial use."

7. Page 5 – Storage and Disposal

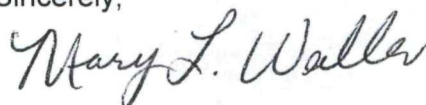
Under Pesticide Disposal, delete the second sentence.

8. Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

EPA Registration No. 400-581
Page 3

One copy of the label stamped "Accepted with Comments" is enclosed for your records. You must submit one copy of the final printed label before the product is released for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones of my team at (703) 308-9424 or jones.lisa@epa.gov.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosure: Stamped label

RANCONA[®] RS Fungicide

SEED PROTECTANT FOR CANOLA AND RAPESEED

Active Ingredients:

carboxin (CAS No. 5234-68-4).....	6.780%*
ipconazole (CAS No. 125225-28-7).....	0.727%*
Other Ingredients**.....	92.493%
Total:	100.000%

*Contains 0.73 lbs. carboxin and 0.078 lbs. ipconazole per gallon, or 87.5 grams carboxin and 9.38 grams ipconazole per liter

**Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Medical Emergency Assistance 24-Hour (Human or Animal): 1-800-292-5898.	
Chemical Emergency Assistance (Spill, Leak, Fire, or Accident): 1-800-424-9300 CHEMTREC).	
Chemical Safety Data and Information (Toll Free): 1-866-430-2775, or Visit our Web Site at www.chemtura.com	

Net Contents:

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

5/24/2012

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 400-581**



EPA Reg. No. 400-581
EPA Est. No.
001/ ver 021512
Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

www.ChemturaAgroSolutions.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if inhaled. Avoid breathing dust or vapor. Avoid contact with skin or clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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.

All Mixers, Loaders, Applicators and other handlers must wear: long-sleeved shirt and long pants, socks plus shoes, chemical-resistant apron when mixing or loading, and chemical-resistant gloves, except when bagging or sewing bags of treated seeds. When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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/PPE 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 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. Do not contaminate water when disposing of equipment washwater or rinsate.

Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seed by burying seed away from bodies of water. Do not contaminate bodies of water when disposing of planting equipment wash water.

Ipconazole may persist in soil, and long-term use in the same field may result in an accumulation of ipconazole. This product contains seed treated with carboxin and ipconazole.

This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of federal law to kill, harm or harass listed animal species without authorization.

To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying the seed. To determine whether your County or Parish has a bulletin, consult <http://www.epa.gov/espp> before each season's use of this product. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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.

RANCONA® RS Fungicide is a flowable seed treatment for the control of seed rots, damping off, and seedling blights caused by *Rhizoctonia* spp. and *Fusarium* spp. on canola and rapeseed. This product also provides control of seed-borne blackleg (phoma) of canola.

Canola seed grown and harvested from RANCONA RS treated seed can be used for edible oil production. However, industrial oil rapeseed grown and harvested from RANCONA RS treated rapeseed is ONLY for industrial uses. Such rapeseed can NOT BE USED FOR EDIBLE OIL PRODUCTION or any other human or animal food or feed consumption.

SEED TREATMENT EQUIPMENT

RANCONA RS Fungicide is formulated for commercial seed treatment use only. Do not use this product for on-farm use. DO NOT apply RANCONA RS as a planter box or hopper box treatment. RANCONA RS may be applied with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment can be calibrated to apply this product accurately and uniformly to seed. Uniform application to seed is necessary to ensure best disease protection and optimum performance. Seed should be sound and well-cured before treatment.

ALWAYS SHAKE, STIR OR OTHERWISE MIX THIS PRODUCT WELL BEFORE USING. RANCONA RS Fungicide must be THOROUGHLY AGITATED to ensure uniform mixing of the product, both prior to and during application.

RANCONA RS Fungicide is ready to use and may be applied to seed as purchased. However, dilution with water (or container rinsate) may help provide more uniform seed coverage when using some types of treaters and/or when treating under dry and/or hot conditions. Apply with up to 2 parts of water per 1 part of Rancona RS, by volume. Thoroughly mix RANCONA RS Fungicide with water or rinsate into a slurry before attempting to treat seed. The appropriate amount of dilution water depends on the seed, the treater type and the temperature and humidity at treatment. Contact your local Chemtura representative or supplier for specific recommendations. Use care if diluting more than 6% (by volume) with water or rinsate. Excess seed wetness may result in seed handling difficulties, especially if used as a tank mix with seed treatment insecticides or other products. Adding too much water can also cause RANCONA RS Fungicide to thin, resulting in undesired settling of the solids in the slurry. Recalibrate the treating equipment to compensate for the addition of any water or rinsate.

RANCONA RS Fungicide treated seed does not require drying after treatment.

APPLICATION INSTRUCTIONS

Crop	Pest	Rate (fl. oz. RANCONA RS Fungicide per 100 lbs. seed)
Canola, Rapeseed	Seed rots, damping off, and seedling blights caused by <i>Rhizoctonia</i> spp. and <i>Fusarium</i> spp. Seed-borne blackleg (phoma) of canola	12.3

USE RESTRICTIONS AND PRECAUTIONS

1. DO NOT use treated seed for food or animal feed or processing for oil.
2. DO NOT use RANCONA RS Fungicide in combination with other seed treatment products unless compatibility has been verified. Read and follow carefully all label directions of each combination product. When using combinations of products, the most restrictive of label limitations and precautions must be followed.
3. DO NOT graze or feed livestock on treated areas for six weeks after planting.
4. Industrial oil rapeseed grown and harvested from RANCONA RS treated rapeseed is ONLY for industrial uses. Such rapeseed can NOT BE USED FOR EDIBLE OIL PRODUCTION or any other human or animal food or feed consumption.
5. Rape greens grown and harvested from RANCONA RS treated rapeseed MUST NOT be used for human food and feed consumption.

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 carboxin and ipconazole. Do not use treated seed for food or animal feed or processing for oil. Persons opening this bag or loading/pouring the treated seed must wear a long-sleeved shirt, long pants, chemical resistant gloves, shoes and socks.

- Treated seed may not flow as freely as untreated seed in your planter or drill. Check seeding rates and make adjustments if necessary to obtain desired seeding rate.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. Dispose of all excess treated seed by burying seed away from bodies of water. Do not contaminate bodies of water when disposing of planting equipment wash water. Dispose of seed packaging or containers in accordance with local requirements.
- 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 the seeds are planted and covered by soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with soil/subsurface. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, chemical resistant gloves, shoes plus socks.
- DO NOT graze or feed livestock on treated areas for six weeks after planting.
- Ipconazole may persist in soil, and long-term use may result in an accumulation of active ingredient.
- This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of federal law to kill, harm or harass listed animal species without authorization. To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying the seed. To determine whether your County or Parish has a bulletin, consult <http://www.epa.gov/espp> before each season's use of this product. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.
- Industrial oil rapeseed grown and harvested from RANCONA RS treated rapeseed is ONLY for industrial uses. Such rapeseed can NOT BE USED FOR EDIBLE OIL PRODUCTION or any other human or animal food or feed consumption.
- Rape greens grown and harvested from RANCONA RS treated rapeseed MUST NOT be used for human food and feed consumption.

ALWAYS SHAKE, STIR OR OTHERWISE MIX THIS PRODUCT WELL BEFORE USING.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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. Due to its viscosity, store this product above 50°F prior to and during application. DO NOT store RANCONA RS Fungicide at low temperatures. PROTECT FROM FREEZING. DO NOT apply direct heat to the container. ALWAYS SHAKE, STIR OR OTHERWISE MIX THIS PRODUCT WELL BEFORE USING.

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.

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, reconditioning, 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 or 50 pounds:* 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 (if the treating mixture composition permits it) up to ¼ of the container volume - and recap. Shake for 10 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.

For containers with capacities greater than 5 gallons or 50 pounds: Empty the remaining contents into application equipment or a mix tank. Add water - at least 2% of the container volume, and (if the treating mixture composition permits it) up to ¼ of the container volume. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 60 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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.

Refillable container

Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Add water - at least 2% of the container volume, and (if the treating mixture composition permits it) up to ¼ of the container volume. Replace and tighten closure. Agitate vigorously or recirculate the rinsate with a pump for at least 2 minutes, ensuring that the rinsate rinses the walls of the container. Empty the rinsate into application equipment or rinsate collection system, for later use or disposal. Repeat this procedure two more times. If used in application equipment, adjust the slurry volume application rate to account for any added rinsate water.

IMPORTANT NOTICE - Seller 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 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 Chemtura Corporation, Chemtura Corporation makes no claims or guarantees as to germination of carry-over seed.

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