



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 21, 2024

Arianna Shorey  
Regulatory Consultant  
UPL NA, Inc.  
c/o Pyxis Regulatory Consulting Inc.  
4110 136th St. Ct. NW  
Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – Minor label revisions  
Product Name: IPCONAZOLE/THIRAM 10/350 FS  
EPA Registration Number: 70506-587  
Application Date: 04/13/2022  
Case Number: 00479990

Dear Arianna Shorey:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “NOTIFICATION” and placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) 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) lists 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.

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If you have any questions, please contact Francisco Llarena-Arias at 202-566-2816 or at [llarena-arias.francisco@epa.gov](mailto:llarena-arias.francisco@epa.gov).

A handwritten signature in black ink, appearing to read 'Francisco Llarena-Arias', is written over a light blue rectangular background.

Francisco Llarena-Arias  
For Lydia Crawford,  
Acting Product Manager 24  
Fungicide & Herbicide Branch  
Registration Division (7505P)

{Note to reviewer: [Text] in brackets denotes optional text. {Text} in braces denotes where in the final label text will appear and notes to reviewer.}

# Ipconazole/Thiram 10/350 FS

SEED PROTECTANT



Active Ingredients: (% by weight)	
ipconazole (CAS No. 125225-28-7) .....	0.87%*
thiram (CAS No. 137-26-8) .....	30.43%*
Other Ingredients:.....	68.70%
Total: .....	100.00%

\*Contains 0.084 pounds ipconazole and 2.92 pounds thiram per gallon.

\*Contains 10 grams ipconazole and 350 grams thiram per liter.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>EMERGENCY ASSISTANCE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  <b>FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY: 1-866-673-6671.</b>  <b>FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.</b></p>	
<b>For Product Use Information Call 1-800-438-6071</b>	

{Optional reference statements:} [See [front][back][side][inside] panel for First Aid Instructions and [leaflet][booklet] for complete Precautionary Statements and Directions for Use.] [Peel Down for Directions.] [See inside for First Aid, Precautionary Statements, and complete Directions for Use.] {Box/Case:} [See containers inside for additional Precautionary Statements and complete Directions for Use.] {Container:} [See attached booklet for additional Precautionary Statements and complete Directions for Use.]

Net Contents:

[Manufactured] [Produced] for:  
**UPL NA Inc.**

630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406

EPA REG. NO. 70506-587

EPA EST. NO.

[xxxxxxV00x]

[Batch Code will be placed on the container.]



## NOTIFICATION

70506-587

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/21/2024

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

Causes moderate eye irritation. Avoid contact with eyes or clothing. 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; shoes plus socks; chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber or Viton; and chemical-resistant apron when cleaning up spills, or cleaning equipment.

NOTE: Persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers.

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.

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)], the handler PPE may be reduced or modified as specified in the WPS.

**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**

This product is **toxic to fish, aquatic invertebrates, oysters and shrimp**. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

Treated seeds are **hazardous to fish, birds and mammals**. Do not plant seeds by broadcasting to the soil surface. Ensure that all seeds are thoroughly covered with soil, especially in turn areas. Plant wheat, barley and oats seed a minimum of 1 inch deep. If seeds are not thoroughly incorporated by the planted during planting, additional incorporation may be required to thoroughly cover exposed seeds. Clean-up, bury or cover all spilled seed with soil.

Iponazole may persist in soil, and long-term use in the same field may result in an accumulation of active ingredient.

**This product contains thiram.** 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 County Bulletin for the County or Parish in which you are applying the seed. To determine whether your County has a Bulletin, consult <http://www.epa.gov/espp> before each season's use of this product.

**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**

Iponazole/Thiram 10/350 FS is a systemic and contact broad-spectrum fungicide for seed treatment that protects against a wide variety of diseases. Seed should be sound and well-cured before treatment.

## SEED TREATMENT EQUIPMENT

Ipconazole/Thiram 10/350 FS may be applied with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment 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. Seed should be sound and well-cured before treatment. Refer to the label rates below.

Ipconazole/Thiram 10/350 FS may be applied to seed as is, or may be diluted with water prior to use, depending on the equipment, application rate and crop. Select a dilution that provides uniform coverage of the seed without producing excessive wetness. Contact your local UPL NA Inc. representative or supplier for specific recommendations.

## APPLICATION INSTRUCTIONS

Ipconazole/Thiram 10/350 FS protects against seedborne, propagule-borne and soilborne fungi that cause seed decay, damping-off and seedling blight for the following crops. In addition, protection against the specific or additional diseases is delivered, as indicated below.

Use the higher rate when the disease pressure is expected to be high, or when there is a history of disease in the field.

Crops	Application Rate (fl.oz./cwt.)*	Additional or specific diseases controlled or suppressed
Barley**	2.3-3.8	General seed rots (such as those caused by <i>Penicillium</i> and <i>Aspergillus</i> ) Seed rot, damping off and seedling blight caused by <i>Fusarium</i> and <i>Cochliobolus sativus</i> True Loose Smut Covered Smut False Loose Smut Early Season Root Rot ( <i>Rhizoctonia</i> ) Common Root Rot Crown and Foot Rot ( <i>Fusarium</i> ) Leaf Stripe
Wheat**	2.3-3.8	General seed rots (such as those caused by <i>Penicillium</i> and <i>Aspergillus</i> ) Seed rot, damping off and seedling blight caused by <i>Fusarium</i> and <i>Cochliobolus sativus</i> Loose Smut Common Bunt Early Season Root Rot ( <i>Rhizoctonia</i> ) Common Root Rot Crown and Foot Rot ( <i>Fusarium</i> )
Buckwheat, Millet, Oats**, Rye , Triticale	2.3-3.8	Root Rot
Corn, field***	2.0-3.8	<i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Rhizopus</i> , <i>Penicillium</i> , <i>Aspergillus</i>
Corn, sweet***	3.8	<i>Rhizoctonia</i> , <i>Fusarium</i> , <i>Rhizopus</i> , <i>Penicillium</i> , <i>Aspergillus</i>
Sorghum***	2.3-7.7	
Peanuts	3.8	
Soybeans	3.8	
Sunflower	2.3-3.8	
Canola, Mustard	2.3-8.8	Blackleg caused by <i>Phoma lingam</i>
Ornamental flowers	2.3-8.8	
Turf grass	2.3-3.8	

Crops	Application Rate (fl.oz./cwt.)*
Dried Shelled Peas and Beans: Dried cultivars of bean: <ul style="list-style-type: none"> <li>- <i>Lupinus</i> spp. (includes grain lupin, sweet lupin, white lupin, and white sweet lupin);</li> <li>- <i>-Phaseolus</i> spp. (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean; tepary bean); bean</li> <li>- <i>-Vigna</i> spp. (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean);</li> <li>- Dried cultivars of pea (<i>Pisum</i> spp.) (includes field pea); Broad (fava) bean (dry); chickpea (garbanzo bean); Guar; Lablab bean (hyacinth bean); Lentil; Pigeon pea</li> </ul>	3.8

\*Rate per 100 pounds of seed.

\*\*Barley, wheat, and oats: Plant seed a minimum of 1 inch deep.

\*\*\*Includes forage and silage.

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

"Store treated seed away from food and feed stuffs."

"Plant barley, wheat and oat seed a minimum of one inch deep."

On peanut seed treated with this product, include the statement:

" Do not graze or feed livestock on peanut hay grown from treated seed."

"Restricted-Entry Interval (REI)"

"After seeds have been planted, do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 24 hours**. Exception: Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with treated seed."

"Treated seeds are hazardous to fish, birds and mammals. Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting. Do not plant seeds by broadcasting to the soil surface. Ensure that all seeds are thoroughly covered with soil, especially in turn areas. If seeds are not thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds. Dispose of all excess treated seeds by burying seed away from bodies of water. 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 bodies of water when cleaning equipment or disposing of equipment washwater or rinsate or by disposal of wastes. Dispose of seed packaging or containers in accordance with local requirements."

"Endangered Species"

"This bag contains seeds treated with thiram. 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 County Bulletin for the County or Parish in which you are applying the seed. To determine whether your County has a Bulletin, consult <http://www.epa.gov/espp> before each season's use of this product."

### USE RESTRICTIONS

Store treated seed away from food and feedstuffs. Do not allow children, pets or livestock to have access to treated seeds.

Plant barley, wheat and oat seed a minimum of one inch deep.

Peanuts: Do not graze or feed livestock on treated areas or on hay grown from treated seed.

Do not use treated seed for food, feed or oil purposes. Care must be exercised in the handling of treated seed.

Augers used for handling treated seed should not be used to move seed for feed, food or oil processing. Do not re-use bags from treated seed to handle food or feed products.

### ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

#### 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, 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 capacities 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 (if the treating mixture composition permits it) up to 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.

For containers with capacities greater than 5 gallons: Triple rinse as follows: 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 1/4 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.

#### 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 from this container 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 1/4 of the container volume. Agitate vigorously or recirculate rinsate with a pump for 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.

#### 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.acrcycle.org](http://www.acrcycle.org).~~

#### IMPORTANT INFORMATION

#### READ BEFORE USING PRODUCT

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of UPL NA Inc or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPL NA Inc and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPL NA Inc and Seller harmless for any claims relating to such factors.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.**

To the extent consistent with applicable law, UPL NA Inc or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UPL NA INC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF UPL NA INC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

UPL NA Inc and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of UPL NA Inc.

~~**IMPORTANT NOTICE** – Chemtura Corporation 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 UPL NA Inc., UPL NA Inc. makes no claims or guarantees as to germination of carry-over seed.

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