

Specimen Label



Lumiflex™

SEED TREATMENT FUNGICIDE

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| Active Ingredient | % By Wt. |
|---------------------------------------|----------|
| 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.

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 by a poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
|----------------------|---|

- 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 1-800-222-1222.
- FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure, or accident) CALL 1-800-992-5994.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed.

EPA Reg. No. 70506-585-352

KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCIÓN

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Socks and shoes,
- 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 thoroughly with soap and water after handling and 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 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.

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 HANDLING:

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.

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 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. 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. Turn the container over onto its other 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 into application equipment or mix-tank. 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 10% 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.

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.

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

Lumiflex 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. Lumiflex does not provide activity against *Pythium* spp. or *Phytophthora* spp. To provide best seedling protection against these specific fungal pathogens, use Lumiflex 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, Lumiflex 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.

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 ¹ |
|---------------------------------------|--|---|--|
| Field Corn, Sweet Corn, Popcorn | 0.044 - 0.085 fl oz per 100 lb seed For field corn: To deliver 0.0035 - 0.0067 mg ai per seed, apply 0.021 - 0.040 fl oz per 80,000 seeds (based on average of 1,680 seeds per lb) For sweet corn: To deliver 0.0019 - 0.0036 mg ai per seed, apply 0.011 - 0.022 fl oz per 80,000 seeds (based on average of 3,150 seeds per lb) For popcorn: To deliver 0.0019 - 0.0037 mg ai per seed, apply 0.012 - 0.022 fl oz per 80,000 seeds (based on average of 3,060 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>) | Root Rot (<i>Fusarium</i> spp.) |
| | 0.34 fl oz per 100 lb seed For field corn: To deliver 0.0269 mg ai per seed, apply 0.16 fl oz per 80,000 seeds (based on average of 1,680 seeds per lb) For sweet corn: To deliver 0.0144 mg ai per seed, apply 0.086 fl oz per 80,000 seeds (based on average of 3,150 seeds per lb) For popcorn: To deliver 0.0148 mg ai per seed, apply 0.089 fl oz per 80,000 seeds (based on average of 3,060 seeds per lb) | Corn head smut (seed- and soil-borne <i>Sphacelotheca reiliana</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. |

¹ 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.

SEED TREATMENT EQUIPMENT

Lumiflex 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. *Do not use Lumiflex 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 in **APPLICATION INSTRUCTIONS**. Product requires dilution prior to application. Contact your local Corteva Agriscience Crop Protection 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."

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation, of Remedies.

Warranty Disclaimer

Corteva Agriscience warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent permitted by law, Corteva Agriscience MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Corteva Agriscience or the seller. Corteva Agriscience will not be responsible for losses or damages resulting from the use of this product in any manner not specifically directed by Corteva Agriscience. To the extent permitted by law, all such risks associated with non-directed use shall be assumed by buyer and/or user.

Limitation of Remedies

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, tort, strict liability, or other legal theories), shall be limited to, at Corteva Agriscience's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, Corteva Agriscience shall not be liable for losses or damages resulting from handling or use of this product unless Corteva Agriscience is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Corteva Agriscience be liable for consequential, incidental or special damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Corteva Agriscience or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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Produced for:
Corteva Agriscience LLC
9330 Zionsville Road
Indianapolis, IN 46268

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Replaces Code: CD02-643-020

Revisions:

1. Produced for: updated to "Corteva Agriscience LLC, 9330 Zionsville Rd., Indianapolis, IN 46268"
2. First Aid emergency phone number updated.
3. Legal text updated.
4. Changed remaining references of "DuPont" to "Corteva Agriscience"