

Specimen Label

CYANTRANILIPROLE GROUP 28 INSECTICIDE



Lumiderm®

INSECTICIDE SEED TREATMENT

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For seed treatment applications to rapeseed/canola, mustard, soybean, and sunflower seed for pest management of sucking and chewing insects

Active Ingredient

Cyantraniliprole 3-bromo-1-(3-chloro-2-pyridinyl)-N-[4-cyano-2-methyl-6-[(methyamino) carbonyl]phenyl]-1H-pyrazole-5-carboxamide.....50%
Other Ingredients..... 50%
TOTAL..... 100%

Lumiderm is a flowable suspension.

Contains 5.21 lb. active ingredient per gallon.

First Aid

For questions regarding emergency medical treatment, you may contact **1-800-992-5994** for information.

Precautionary Statements

Hazards to Humans and Domestic Animals

EPA Reg. No. 352-858

Keep Out of Reach of Children

CAUTION

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Chemical-resistant gloves made of any waterproof material.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, 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.

Environmental Hazards

This pesticide is toxic to aquatic invertebrates and oysters. Do not contaminate water when disposing of equipment wash water.

Physical or Chemical Hazards

Do not place product near or allow product to come into contact with strong oxidizing substances (such as potassium permanganate) since a hazardous chemical reaction may occur.

Directions for Use

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

- Use this product only as a commercial seed treatment in rapeseed/canola, mustard, soybean, or sunflower seed.
- Treated seed must not be used for or mixed with food or animal feed or processed for oil.

When applied according to this label, Lumiderm® insecticide seed treatment will reduce feeding damage caused by aphid, armyworm, cabbage looper, cutworm, diamondback moth, soybean looper, velvetbean caterpillar, and flea beetle on rapeseed/canola and mustard.

When applied according to this label, Lumiderm will reduce seed and root feeding damage caused by seed corn maggot, white grub, and wireworms, reduce leaf feeding damage caused by bean leaf beetle, corn earworm, cutworm, soybean aphid, soybean looper, velvetbean caterpillar, and thrips and will suppress the spread of certain viruses on soybeans.

When applied according to this label, Lumiderm will reduce feeding damage caused by cutworm on sunflower.

Consult your local Corteva Agriscience representative or agricultural advisor for guidance on predicted pest pressure based on historical field data for these pests in your area.

Early season improvement of plant health, vigor, and stand optimizing crop potential can be experienced under all levels of insect pressure.

Lumiderm must be used in accordance with the directions for use on this label, or as otherwise permitted by FIFRA. Always read the entire label, including the Limitation of Warranty and Liability.

Lumiderm may be applied to rapeseed/canola, mustard, soybean, or sunflower seed. Rapeseed/canola and mustard seed are typically planted at a soil depth of 1/2 to 1 inch. Soybean seed is typically planted at a minimum soil depth of 1 to 1-1/2 inches. Sunflower seed is typically planted at a minimum soil depth of 1 inch.

Treating significantly damaged seed or seed that is low in vigor or overall poor quality may result in reduced germination, seedling vigor and plant stand. Before treating an entire seed lot with the proposed seed treatment, treat a small portion of the seed lot and conduct subsequent germination tests. Corteva Agriscience makes no guarantee regarding the germination of damaged or carryover treated seed, since seed quality and storage conditions are beyond the control of Corteva Agriscience.

Corteva Agriscience will not be responsible for losses or damages resulting from the use of this product in any manner not specifically stated on this label. User assumes all risks associated with such non-recommended use.

Integrated Pest Management

Corteva Agriscience supports the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an IPM program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, rotation of insecticides with different modes-of-action, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants, or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

Insect Resistance Management

Lumiderm contains the active ingredient cyantraniliprole and is a Group 28 insecticide based on the mode of action classification system of the International Insecticide Resistance Action Committee (IRAC). Insecticides with the same Group Number affect the same biological site of action on the target pest and when used repeatedly in the same treatment area, naturally occurring resistant individuals may survive correctly applied insecticide treatments, reproduce, and become dominant.

To avoid or delay the development of insecticide resistance, a resistance management strategy should be established for the use area. This strategy may include incorporation of cultural and biological control practices, alternation to different mode-of-action insecticides

on succeeding generations, and targeting the most susceptible life stage. Consult your local or state agricultural authorities and product manufacturer for more information about developing a resistance management strategy.

Unless directed otherwise in the specific crop/pest sections of this label, the best practices are to follow these guidelines to delay the development of insecticide resistance:

- Apply Lumiderm and other Group 28 insecticides within a single “treatment window” to minimize exposing multiple successive generations of a pest species to the same mode of action insecticides.
- A “treatment window” is defined as the period of insecticidal activity provided by one or more applications of products with the same mode of action.
- A “treatment window”, including residual control, should not exceed 30 days (the length of a typical pest generation).
- Within the Group 28 “treatment window”, make no more than 2 applications of a Group 28 insecticide.
- Following a Group 28 “treatment window”, rotate to a “treatment window” of effective insecticides with a different mode of action (Group Number).
- The period between Group 28 “treatment windows” should be at least 30 days.
- The total exposure of all Group 28 products applied throughout the crop cycle (from seedling to harvest) should not exceed approximately 50% of the crop cycle or 50% of the total number of insecticide applications targeted at the same pest species.
- For short cycle crops (< 50 days), the duration of the crop cycle may be considered as the Group 28 “treatment window” as long as no Group 28 insecticides are used during the next crop cycle at the same farm location.
- Avoid using less than labeled rates of Lumiderm when applied alone or in tank mixtures.
- Target the most susceptible insect life stages whenever possible.
- Monitor insect populations for product effectiveness. If poor performance occurs and it cannot be attributed to improper application or extreme weather conditions, a resistant pest population may be present. If resistance to Lumiderm develops in your area, Lumiderm or other products with a similar mode of action (Group 28) may not provide adequate control. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternate method of control for your area.

If Lumiderm or any other Group 28 insecticide was used, do not apply other Group 28 insecticides for control of the same pest (see crop tables for labeled pests) for at least 60 days after emergence. If replant

is required and no other Group 28 insecticides were used within the treatment window, then replanting rapeseed/canola, mustard, soybean, or sunflower seed treated with Lumiderm is allowed. Application(s) for control of the same pest during the first 30-60 days must be with an effective product with a different mode of action (i.e., a product with a different IRAC Group Number) for at least a 30 day “treatment window” before making any applications of a Group 28 insecticide.

For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org>.

Length of control:

The length of control provided by Lumiderm will depend on the rate used, the pest being controlled, and the environmental conditions such as soil type, soil moisture, soil pH, etc. Use the higher rates when high pest pressure is expected to occur, when the pest is expected to occur later in the crop stage or when pests are expected to be present continuously. Lumiderm will primarily have activity in the foliage of treated plants and will not provide protection within the blooms and fruit. Foliar applications of other products may be needed to protect these parts of the plant.

Application

Compatibility – Lumiderm may be applied as a water-based slurry with other registered seed treatment fungicides and insecticides in accordance with the most restrictive of label limitations and precautions. Do not exceed labeled dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing. Potential mixing partners should be tested for physical compatibility with Lumiderm and added dyes or polymers before mixing in a large tank for seed treatment.

The crop safety of all possible mixtures with Lumiderm has not been tested. When considering the use of a mixture without prior experience, or which is not specifically described on Lumiderm product labeling or in other Corteva Agriscience product use instruction, it is important to first understand crop safety. Before treating an entire seed lot with the proposed seed treatment mixture, treat a small portion of the seed lot and conduct subsequent germination tests.

Corteva Agriscience will not be responsible for any crop injury arising from the use of a mixture that is not specifically described on Lumiderm product labeling or in other Corteva Agriscience product use instruction.

Use Rate

Use Lumiderm as directed to listed crop seeds in the following Use-Rate Tables for control of listed insects. Consult your Corteva Agriscience representative for further guidance.

Lumiderm Use-Rate Tables

Seed Crops	Pest*	fl oz Lumiderm/100 lb of seed	lb active ingredient/ 100 lb of seed	mL Lumiderm/100 kg of seed
Rapeseed including canola varieties	Aphids, Flea beetle	14.8 – 24.6	0.6 – 1.0	960 – 1600
Mustard seed	Armyworm, Cabbage looper, Cutworm, Diamondback moth, Soybean looper, Velvetbean caterpillar	3.7 – 24.6	0.15 – 1.0	240 -1600

*Use a higher rate within the labeled rate range in areas that are predicted to have high pest pressure, in areas with high populations of striped flea beetle, or where extended early-season pest control is required.

Seed Crop	Pest**	mg active ingredient/seed	fl oz Lumiderm/ 100 lb of seed	lb active ingredient/ 100 lb of seed	fl oz Lumiderm/ 140k seed unit	mL Lumiderm/ 100 kg of seed
Soybean*	Bean leaf beetle, Corn earworm, Cutworm, Leaf feeding thrips, Seed corn maggot, Soybean aphid, Soybean looper, Velvetbean caterpillar, White grub, Wireworm	0.075 to 0.15	1.14 to 2.28	0.046 to 0.092	0.57 to 1.14	74 to 148

*NOT REGISTERED FOR USE BY CALIFORNIA.

**Use a higher rate within the labeled rate range in areas that are predicted to have high pest pressure or where extended early-season pest control is required.

Lumiderm Soybean* Seed Treatment Rate Table – Grower Guide

Treatment Rate Per Soybean* Seed	Soybean* Seeding Per Acre	Lb AI (Cyantraniliprole) Rate Per Acre
0.075 mg ai /seed	150,000 seeds	0.025
	200,000 seeds	0.033
	225,000 seeds	0.037
0.15 mg ai /seed	150,000 seeds	0.05
	200,000 seeds	0.066
	225,000 seeds	0.074

*NOT REGISTERED FOR USE BY CALIFORNIA.

Seed Crop	Pest	mg active ingredient/ seed	fl oz Lumiderm/ 100 lb of seed	lb active ingredient/100 lb of seed	mL Lumiderm/100 kg of seed
Sunflower*	Cutworm	0.1 to 0.2	2.43 to 4.90	0.099 to 0.198	158 to 317

*NOT REGISTERED FOR USE BY CALIFORNIA.

Restriction: Do not apply a total of more than 0.4 lb ai/acre of cyantraniliprole-containing products per calendar year — this is the total cyantraniliprole applied by seed treatment, soil application, and foliar application.

Mixing Guidance

For use in commercial seed treaters only, operating standard, calibrated seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other farmer applied applications. Treatment equipment must be clean and free of previous pesticide deposits before applying Lumiderm. Thoroughly mix recommended amount of Lumiderm with the required amount of water.

Add an EPA-approved dye or colorant to treat the seeds per 40 CFR 153.155(b)(1) during the seed treatment process. Ensure that all treated seed are dyed an unnatural color.

Mixing Tank Cleanout

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all mixing equipment to reduce the risk of forming hardened deposits, which might become difficult to remove.

Drain mixing equipment. Thoroughly rinse mixing equipment and flush with clean water.

Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

Crop Rotation

- Rapeseed/canola, mustard, soybean, or sunflower seed treated with Lumiderm may be replanted immediately if needed due to crop failure.
- Crops on this label and the following crops or crop groups may be planted immediately following the last application of a cyantraniliprole containing product: Brassica Leafy Greens (Crop Subgroup 4-16B) and Brassica Head and Stem Vegetables (Crop Group 5-16); Bulb Vegetables (Crop Group 3- 07); Cotton; Cucurbit Vegetables (Crop Group 9); Fruiting Vegetables (Crop Group 8-10); Leafy Greens (Crop Subgroup 4-16A) and Leaf Petiole Vegetables (Crop Subgroup 22B); Celtnce; Florence Fennel; Leaves of Root and Tuber Vegetables (Crop Group 2); Legume Vegetables (Crop Groups 6 and 7); Low Growing Berries (Berry and Fruit Crop Subgroup 13-07H); Oilseeds (Crop Group 20); Peanuts; Soybeans; Root and Tuber Vegetables (Crop Subgroups 1B and 1C); Tobacco.
- The following crops or crop groups may be planted 30 days following the last application of a cyantraniliprole containing product: Cereal Grains (Crop Group 15); Forage, Fodder and Straw of Cereal Grains (Crop Group 16); Grass Forage, Fodder and Hay (Crop Group 17); Nongrass Animal Feeds (forage, fodder, straw and hay) (Crop Group 18); Sugar beets.
- There is no plant back restriction for conversion of a treated field to, or for making a new or replacement planting into established orchards or fields of Bushberries (Crop Subgroup 13-07B); Caneberry Subgroup (Crop Subgroup 13-07A); Coffee; Citrus (Crop Group 10-10); Pome Fruits (Crop Group 11-10); Stone Fruits (Crop Group 12); Low Growing Berries (Crop Subgroup 13-07G); or Tree Nuts (Crop Group 14-12).
- All other crops cannot be planted until 12 months after the last application of a cyantraniliprole containing product.

Commercial Seed Bag Label Requirements

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- Treated seed. Do not use for food, feed, or oil purposes.
- This seed has been treated with cyantraniliprole insecticide.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seeds treated with Lumiderm (cyantraniliprole), EPA Reg. No. 352-858:

- Store away from food or feed.
- Do not allow children, pets, or livestock to have access to treated seed.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Use of Lumiderm as a seed treatment must be communicated to all personnel involved in seasonal insect control recommendations.
- This product is highly toxic to bees. Ensure that the planting equipment is functioning properly in accordance with manufacturer specifications to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops and weeds.
- Rapeseed/canola and mustard seed are typically planted at a soil depth of 1/2 to 1 inch, soybean seed at a minimum depth of 1 to 1-1/2 inches, and sunflower seed at a minimum depth of 1 inch.
- Treated seed exposed on soil surface may be hazardous to wildlife. Immediately cover or collect seeds spilled during loading. Do not allow treated seed to remain uncovered on the soil surface.
- Dispose of all excess treated seed by burying seed away from bodies of water. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- Excess treated seed may be used for ethanol production only if (a) ethanol production by-products are not used for livestock feed and, (2) no measurable residues of pesticides remain in the ethanol by-products that are used in agronomic practice.
- Dispose of seed packaging in accordance with local requirements.
- Canola seed has been treated with maximum of 1.0 lb cyantraniliprole per 100 lb seed. Therefore, each 1 lb cyantraniliprole treated canola seed planted per acre results in an application of 0.01 lb cyantraniliprole/acre.
- Do not apply a total of more than 0.4 lb ai/acre of cyantraniliprole containing products per calendar year — this is the total cyantraniliprole applied by seed treatment, soil application, and foliar application.
- Including the Lumiderm seed treatment, make no more than two applications of cyantraniliprole or other Group 28 products per generation to the same insect species on a crop or within a 30-day period (count planting date as day 1 if using treated seed). Application(s) to the next generation of target pest(s) must be with an effective product with a different mode of action (non-Group 28 insecticide).

Crop Rotation

- Rapeseed/canola, mustard, soybean, or sunflower seed treated with Lumiderm may be replanted immediately if needed due to crop failure.
- Crops on this label and the following crops or crop groups may be planted immediately following the last application of a cyantraniliprole containing product: Brassica Leafy Greens (Crop Subgroup 4-16B) and Brassica Head and Stem Vegetables (Crop Group 5-16); Bulb Vegetables (Crop Group 3- 07); Cotton; Cucurbit Vegetables (Crop Group 9); Fruiting Vegetables (Crop Group 8-10); Leafy Greens (Crop Subgroup 4-16A) and Leaf Petiole Vegetables (Crop Subgroup 22B); Celtnce; Florence Fennel; Leaves of Root and Tuber Vegetables (Crop Group 2); Legume Vegetables (Crop Groups 6 and 7); Low Growing Berries (Berry and Fruit Crop Subgroup 13-07H); Oilseeds (Crop Group 20); Peanuts; Soybeans; Root and Tuber Vegetables (Crop Subgroups 1B and 1C); Tobacco.

Crop Rotation (Cont.)

- The following crops or crop groups may be planted 30 days following the last application of a cyantraniliprole containing product: Cereal Grains (Crop Group 15); Forage, Fodder and Straw of Cereal Grains (Crop Group 16); Grass Forage, Fodder and Hay (Crop Group 17); Nongrass Animal Feeds (forage, fodder, straw and hay) (Crop Group 18); Sugar beets.
- There is no plant back restriction for conversion of a treated field to, or for making a new or replacement planting into established orchards or fields of Bushberries (Crop Subgroup 13-07B); Caneberry Subgroup (Crop Subgroup 13-07A); Coffee; Citrus (Crop Group 10-10); Pome Fruits (Crop Group 11-10); Stone Fruits (Crop Group 12); Low Growing Berries (Crop Subgroup 13-07G); or Tree Nuts (Crop Group 14-12).
- All other crops cannot be planted until 12 months after the last application of a cyantraniliprole-containing product.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable Rigid Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Plastic and Metal Containers (Capacity Greater Than 5 Gallons): Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 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. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

STORAGE AND DISPOSAL (Cont.)

All Refillable Containers: Refillable container. Refilling Container: Refill this container with Lumiderm containing cyantraniliprole only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If leaks are found, do not reuse or transport container, contact Corteva Agriscience at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking, or obsolete, or in the event of a major spill, fire, or other emergency, contact Corteva Agriscience at 1-800-992-5994, day or night.

NOTICE TO BUYER— Purchase of this material does not confer any rights under patents of countries outside of the United States.

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 consistent with applicable 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 for use, subject to the inherent risks set forth below. To the extent consistent with applicable 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. To the extent consistent with applicable law, 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 consistent with applicable law, all such risks associated with non-directed use shall be assumed by buyer and/or user.

Limitation of Remedies

To the extent consistent with applicable 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 consistent with applicable 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 consistent with applicable 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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Corteva Agriscience LLC
9330 Zionsville Road
Indianapolis, IN 46268

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EPA accepted 01/31/2025

Manténgase fuera del alcance de los niños

PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

Consulte el contenido del folleto de la etiqueta para obtener información preventiva adicional, primeros auxilios e instrucciones completas de uso.

Aviso: Lea toda la etiqueta. Use el producto únicamente de acuerdo con las instrucciones de la etiqueta. **Antes de usar este producto, lea la Exención de responsabilidad sobre la garantía, los Riesgos inherentes al uso y la Limitación de las compensaciones al final del folleto de la etiqueta. Si los términos son inaceptables, devuélvalo de inmediato sin abrir.**

En el caso de una emergencia que ponga en peligro la salud o el medioambiente en relación con este producto, llame al 1-800-992-5994.

Agroquímico: no transporte ni almacene con alimentos, forrajes, medicamentos o ropa.

Primeros auxilios

Si tiene preguntas sobre tratamiento médico de emergencia, puede comunicarse al **1-800-992-5994** para obtener información.

Declaraciones preventivas

Riesgos para los seres humanos y animales domésticos

PRECAUCIÓN

Equipo de protección personal

Los aplicadores y otros manipuladores (de pesticidas) deberán usar:

- Camisa de manga larga y pantalones largos.
- Zapatos y calcetines.
- Guantes resistentes a productos químicos hechos de material resistente al agua.

Siga las instrucciones del fabricante para la limpieza/mantenimiento del equipo de protección personal (PPE, por sus siglas en inglés). En caso de no tener a disposición dichas instrucciones de lavado, utilice detergente y agua caliente. Mantenga y lave el PPE separadamente de otra ropa para lavar.

Recomendaciones de seguridad para el usuario

LOS USUARIOS DEBEN:

- Lavarse las manos antes de comer, beber, masticar chicle, consumir tabaco, o ir al baño.
- Quitarse la ropa de inmediato si entra pesticida en su interior.
- Luego lavarse bien y ponerse ropa limpia.

Riesgos ambientales

Este pesticida es tóxico para los invertebrados acuáticos y las ostras. No contamine el agua cuando deseche aguas de lavado del equipo.

Riesgos físicos o químicos

No coloque el producto cerca ni permita que entre en contacto con sustancias oxidantes fuertes (como permanganato de potasio) ya que podría producirse una reacción química peligrosa.

Revisions:

1. On container labels, added QR code for Escanee para la información de seguridad en español.
2. Added use for sunflower seed.
3. Updated PPE/gloves.
4. Updated Commercial Seed Bag Label instructions.
5. Relocated Storage and Disposal instructions to end of booklet.

Instrucciones de uso

El uso de este producto de forma contraria a lo indicado en su etiqueta constituye una infracción de la ley federal.

ALMACENAMIENTO Y DESECHO

No contaminar el agua, la comida ni los forrajes mediante el almacenamiento y desecho.

ALMACENAMIENTO DE PESTICIDAS: No exponga a temperaturas inferiores a 32 °F. Guarde el producto en su envase original únicamente en un lugar al que no puedan acceder niños ni mascotas. No contamine el agua, otros pesticidas, fertilizantes, alimentos ni forrajes almacenados. No apto para uso o almacenamiento dentro o alrededor del hogar.

DESECHO DE PESTICIDAS: No contaminar el agua, la comida ni los forrajes mediante el almacenamiento y desecho. Los residuos resultantes del uso de este producto deben desecharse en el lugar o en un centro de desecho de residuos autorizado.

MANIPULACIÓN DEL ENVASE:

Envases rígidos de plástico y metal no rellenables (capacidad igual o inferior a 5 galones): Envase no rellenable. No reutilice ni rellene este envase. Enjuague el envase (o equivalente) tres veces inmediatamente después de vaciarlo. Enjuague tres veces de la siguiente manera: Vaciar el contenido restante en el equipo de aplicación o en un tanque de mezcla y drenar durante 10 segundos después de que el flujo comience a gotear. Llenar el envase a 1/4 de su capacidad con agua y volver a taparlo. Agitar durante 10 segundos. Verter el agua de enjuague en el equipo de aplicación o en un tanque de mezcla o almacenar las aguas de enjuague para su uso o disposición posterior. Drenar durante 10 segundos después de que el flujo comience a gotear. Repita este procedimiento dos veces más. Luego, en el caso de envases de plástico, ofrézcalos para reciclaje, si esa opción está disponible, o perfórelos y deséchelos en un relleno sanitario o incinérelos. No los queme, a menos que lo permitan las ordenanzas estatales y locales. Para envases de metal, ofrézcalos para reciclaje, si esa opción está disponible, o para reacondicionamiento si corresponde, o perfórelos y deséchelos en un relleno sanitario o mediante otros procedimientos aprobados por las autoridades estatales y locales.

Envases de plástico y metal no rellenables (capacidad superior a 5 galones): Envase no rellenable. No reutilice ni rellene este envase. Enjuague el envase (o equivalente) tres veces inmediatamente después de vaciarlo. Enjuague tres veces de la siguiente manera: Vaciar el contenido restante en el equipo de aplicación o en un tanque de mezcla. Llenar el envase a 1/4 de su capacidad con agua. Reemplazar y ajustar los cierres. Colocar el envase sobre un lado y hacer rodar hacia adelante y hacia atrás, y asegurarse de que dé al menos una vuelta completa, durante 30 segundos. Colocar el envase sobre su extremo e inclinar hacia adelante y hacia atrás varias veces. Dar vuelta el envase, colocar sobre su otro extremo e inclinar hacia adelante y hacia atrás varias veces. Vaciar las aguas de enjuague en el equipo de aplicación o en un tanque de mezcla o almacenar las aguas de enjuague para su uso o disposición posterior. Repita este procedimiento dos veces más. Luego, en el caso de envases de plástico, ofrézcalos para reciclaje, si esa opción está disponible, o perfórelos y deséchelos en un relleno sanitario o incinérelos. No los queme, a menos que lo permitan las ordenanzas estatales y locales. Para envases de metal, ofrézcalos para reciclaje, si esa opción está disponible, o para reacondicionamiento si corresponde, o perfórelos y deséchelos en un relleno sanitario o mediante otros procedimientos aprobados por las autoridades estatales y locales.

ALMACENAMIENTO Y DESECHO (Cont.)

Envases de plástico y metal no rellenables, por ejemplo, envases intermedios para granel [Intermediate Bulk Containers, IBC] (tamaño o forma demasiado grande para volcarlos, rodarlos o ponerlos boca abajo): Envase no rellenable. No reutilice ni rellene este envase.

Limpie el envase inmediatamente después de vaciar el contenido de este recipiente en el equipo de aplicación o en el tanque de mezcla y antes de su disposición final utilizando el siguiente procedimiento de enjuague a presión. Introduzca una lanza equipada con una boquilla de limpieza de tanque adecuada en el recipiente y asegúrese de que el rocío de agua cubra completamente la parte superior, el fondo y todos los lados dentro del envase. El fabricante de la boquilla generalmente proporciona instrucciones sobre la presión de pulverización, la duración o el volumen de pulverización adecuados. Si las instrucciones del fabricante no están disponibles, enjuague el envase a presión durante al menos 60 segundos utilizando una presión mínima de 30 PSI con un volumen de enjuague mínimo del 10 % del volumen del recipiente. Drenar, verter o bombear el agua de enjuague en el equipo de aplicación o en el sistema de recolección de aguas de enjuague. Repetir este procedimiento de enjuague a presión dos veces más. Luego, en el caso de envases de plástico, ofrézcalos para reciclaje, si esa opción está disponible, o perfórelos y deséchelos en un relleno sanitario o incinérelos. Para envases de metal, ofrézcalos para reciclaje, si esa opción está disponible o para reacondicionamiento si corresponde, o perfórelos y deséchelos en un relleno sanitario, o mediante otros procedimientos permitidos por las autoridades estatales y locales.

Todos los envases rellenables: Envase rellenable. Envase para rellenar: Rellene este envase con Lumiderm que contenga únicamente ciantraniliprol. No reusar este envase para ningún otro fin. La limpieza antes de rellenarlo es responsabilidad de la persona que lo rellena. Antes de rellenarlo, revise cuidadosamente que no tenga daños como grietas, perforaciones, abrasiones, hilos desgastados y dispositivos de cierre. Si se encuentran fugas, no reutilice ni transporte el

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envase, comuníquese con Corteva Agriscience al número que figura a continuación para obtener instrucciones. Desecho del envase: No reutilice este envase para ningún otro propósito que no sea para rellenarlo (ver más arriba). La limpieza del envase antes de su disposición final es responsabilidad de la persona que deseche el envase. Para limpiar el envase antes de su disposición final, utilice el siguiente procedimiento de enjuague a presión. Introduzca una lanza equipada con una boquilla de limpieza de tanque adecuada en el recipiente y asegúrese de que el rocío de agua cubra completamente la parte superior, el fondo y todos los lados dentro del envase. El fabricante de la boquilla generalmente proporciona instrucciones sobre la presión de pulverización, la duración o el volumen de pulverización adecuados. Si las instrucciones del fabricante no están disponibles, enjuague el envase a presión durante al menos 60 segundos utilizando una presión mínima de 30 PSI con un volumen de enjuague mínimo del 10 % del volumen del recipiente. Drenar, verter o bombear el agua de enjuague en el equipo de aplicación o en el sistema de recolección de aguas de enjuague. Repetir este procedimiento de enjuague a presión dos veces más. Luego, en el caso de envases de plástico, ofrézcalos para reciclaje, si esa opción está disponible, o perfórelos y deséchelos en un relleno sanitario o incinérelos. No los queme, a menos que lo permitan las ordenanzas estatales y locales. Para envases de metal, ofrézcalos para reciclaje, si esa opción está disponible o para reacondicionamiento si corresponde, o perfórelos y deséchelos en un relleno sanitario, o mediante otros procedimientos permitidos por las autoridades estatales y locales.

No transporte el envase si este está dañado o tiene fugas. Si el envase está dañado, tiene fugas o está obsoleto, o se produce un derrame importante, incendio u otra emergencia, comuníquese con Corteva Agriscience al 1-800-992-5994, durante el día o la noche.