

Specimen Label

THIAMETHOXAM	GROUP	4A	INSECTICIDE
OXATHIPIPROLIN	GROUP	49	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
IPCONAZOLE	GROUP	3	FUNGICIDE
PICOXYSTROBIN	GROUP	11	FUNGICIDE



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A soybean seed treatment product for protection against seedling disease complex and early-season damage from labeled insects.

Active Ingredients	By weight
Thiamethoxam	20.8%
Oxathiapiprolin	3.3%
Mefenoxam	1.8%
Ipconazole	1.1%
Picoxystrobin	1.0%
Other Ingredients	72.0%
Total	100.0%

This product is formulated as a flowable concentrate.
Contains 1.998 lb thiamethoxam, 0.171 lb metalaxyl-m (mefenoxam), 0.106 lb ipconazole, 0.099 lb picoxystrobin, and 0.317 lb oxathiapiprolin per gallon of product.

EPA Reg. No. 62719-785

Keep Out of Reach of Children

CAUTION

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

FIRST AID	
If in eyes	<ul style="list-style-type: none">Hold eye open and rinse slowly and gently with water for 15-20 minutes.Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 800-992-5994 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution. Causes moderate irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Waterproof or chemical-resistant gloves.

User Safety Requirements: Follow the 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 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

This product is toxic to wildlife and highly toxic to aquatic invertebrates. Treated seeds exposed on soil surface may be hazardous to wildlife. Cover, incorporate, or collect treated seeds spilled during loading. Drift and runoff may be hazardous to aquatic organisms. For terrestrial uses: 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.

Pollinator Precautions: Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.

Groundwater Advisory: Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater and may leach into groundwater. Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of these chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Surface Water Advisory: This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Physical or Chemical Hazards

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before using this product.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. 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.

PRODUCT INFORMATION

Lumisena® Prime seed treatment is a flowable concentrate containing thiamethoxam, oxathiapiprolin, mefenoxam, ipconazole, and picoxystrobin for protection from listed insect pests and diseases in soybean.

For use in commercial seed treatment facilities (facilities and mobile treaters) with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only.

This product contains an EPA-approved colorant or dye. Seed treated with this product will be visually identifiable from untreated seed.

Treating significantly damaged seed or seed that is low 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 carry-over treated seed, since seed quality and storage conditions are beyond the control of Corteva Agriscience.

RESTRICTIONS

- Do not use for food, feed, or oil processing.
- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.

- Do not apply this product in a hopper-box or planter-box at planting time.
- Not for residential use.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting, in particular at row-ends and field corners.
- Do not store leftover treated seed where there is a chance of it becoming mixed with untreated seed.
- 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.
- Dispose of seed packaging in accordance with local requirements.
- Plant treated seed into the soil at a depth of greater than 1 inch.
- Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with this product.
- As a seed treatment, do not apply more than 0.083 lb (37.8 grams) thiamethoxam per acre per season.
- Regardless of the thiamethoxam product used or method of application, including seed treatments, the maximum application rate for products containing thiamethoxam is 0.266 lb per acre per calendar year. Do not apply more than 0.266 lb thiamethoxam per acre per calendar year. Do not apply more than the maximum yearly total application rate for thiamethoxam as stated on the label of the product containing the lowest yearly total on that crop.
- Regardless of the mefenoxam and/or metalaxyl product used or method of application, including seed treatments, the maximum application rate for products containing mefenoxam and metalaxyl is 12.3 lb per acre per calendar year. Do not apply more than 12.3 lb mefenoxam and/or metalaxyl per acre per calendar year. Do not apply more than the maximum yearly total application rate for mefenoxam and metalaxyl as stated on the label of the product containing the lowest yearly total on that crop.

RESISTANCE MANAGEMENT

This product contains thiamethoxam, a Group 4A insecticide belonging to the phenylamide neonicotinoid class of chemistry. Any insect population may contain individuals naturally resistant to this insecticide and other Group 4A insecticides. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take one or more of the following steps.

- Rotate the use of this product or other Group 4A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture.
- For insect species with successive or overlapping generations, apply this product or other Group 4A insecticides using a treatment window approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending upon the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 4A insecticides. Do not exceed the maximum amount of this product allowed per growing season.
- Following a treatment window of Group 4A insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 4A insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to this class of chemistry.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local university extension specialist or certified crop advisor for any additional pesticide resistance management and/or Integrated Pest Management (IPM) guidance for specific crops and pests in your area.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at: <http://www.irac-online.org/>

This product contains ipconazole – a Group 3 fungicide, mefenoxam – a Group 4 fungicide, picoxystrobin – a Group 11 fungicide, and oxathiapiprolin – a Group 49 fungicide. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps.

- Rotate the use of this product or other Group 3, 4, 11, or 49 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from different groups that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, and disease thresholds, as well as cultural, biological, and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- No foliar or soil fungicide application of an OSBP-inhibiting fungicide should be made following a seed treatment application of oxathiapiprolin or other OSBP-inhibiting fungicides.
- Contact your local university extension specialist or certified crop advisor for any additional pesticide resistance management and/or Integrated Pest Management guidance for specific crops and pathogens.

MIXING DIRECTIONS

Always mix this product thoroughly before use.

This product is for use in commercial seed treatment facilities (facility and mobile treaters) operating calibrated seed treatment equipment capable of uniform dosing at target rates. Do not use this product in hopper-box, planter-box, slurry-box, or other seed treatment applications. Treatment equipment must be clean and free of previous pesticide deposits before applying this product. Before transferring from its container, thoroughly mix the contents to ensure the product is homogenous. Mix the recommended amount of product thoroughly with the required amount of water allowing for uniform seed coverage. If available on the application equipment, this product can be applied directly through dedicated application modules in place of a mixing tank.

Tank Mixtures: This product may be applied as a water-based slurry with other seed treatment products including fungicides, insecticides, nematicides, biostimulants, or micronutrients. Test potential mixing partners for physical compatibility with this product including added colorants or polymers before mixing in a large tank for seed treatment.

It is the pesticide user's responsibility to ensure that all products used for mixing are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the mixture. Do not mix this product with any product that prohibits such mixing.

SEED CONTAINER LABELING REQUIREMENTS

The Federal Seed Act requires that bags containing treated seed must be labeled with the following information. The user is responsible for ensuring that the seed container meets all requirements under the Federal Seed Act.

- This seed has been treated with insecticide thiamethoxam and fungicides oxathiapiprolin, mefenoxam, ipconazole, and picoxystrobin.
- Do not use for food, feed, or oil processing.

In addition, the U.S. Environmental Protection Agency requires the following statements on containers of seed treated with Lumisena® Prime (EPA Reg. No. 62719-785).

- Wear long sleeved shirt, long pants, shoes, socks, and waterproof or chemical-resistant gloves when handling treated seed.
- Do not contaminate bodies of water when disposing of planting equipment washwater.
- **Pollinator Precautions:** Thiamethoxam is highly toxic to bees exposed to direct treatment, and effects may be possible as a result of exposure to translocated residues in blooming crops.
- **Groundwater Advisory:** Thiamethoxam has properties and characteristics associated with chemicals detected in groundwater and may leach into groundwater. Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of these chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- **Surface Water Advisory:** This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is

classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Restrictions

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting, particularly at row-ends and field corners.
- Do not store leftover treated seed where there is a chance of it becoming mixed with untreated seed.
- 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.
- Dispose of seed packaging in accordance with local requirements.
- Plant treated seed into the soil at a depth of greater than 1 inch.
- Do not apply a neonicotinoid insecticide within 45 days of planting seed treated with this product.
- This seed has been treated with 0.023 lb thiamethoxam per 50 lb seed [0.076 mg per seed].
- This seed has been treated with 0.002 lb mefenoxam per 50 lb seed [0.007 mg per seed].
- This seed has been treated with 0.001 lb ipconazole per 50 lb seed [0.004 mg per seed].
- This seed has been treated with 0.001 lb picoxystrobin per 50 lb seed [0.00375 mg per seed].
- This seed has been treated with 0.004 lb oxathiapiprolin per 50 lb seed [0.012 mg per seed].
- As a seed treatment, do not apply more than 0.083 lb (37.8 grams) thiamethoxam per acre per season.
- Regardless of the thiamethoxam product used or method of application, including seed treatments, the maximum application rate for products containing thiamethoxam is 0.266 lb per acre per calendar year. Do not apply more than 0.266 lb thiamethoxam per acre per calendar year. Do not apply more than the maximum yearly total application rate for thiamethoxam as stated on the label of the product containing the lowest yearly total on that crop.

Crop Rotation

The crops or crop groups listed below may be planted at the indicated interval after harvest of crops grown from seed treated with this product, or following the failure of a crop grown from seed treated with this product.

- Immediately: Cucurbit vegetables (Group 9), bulb vegetables (Group 3-07), fruiting vegetables (Group 8-10), leafy greens (Subgroup 4A), legume vegetables (Group 6, succulent or dried), oilseed (Group 20), strawberry, tobacco, tuberous and corn vegetables (Subgroup 1C).
- 30 Days: Cereals (Groups 15 and 16).
- 120 Days: Ginseng, grass animal feeds (Group 17), herbs and spices (Group 19).
- 180 Days: All other crops†.

†A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 180-day interval; however, the crop may not be grazed or harvested for food or feed.

SPECIFIC USES

Use this product at the rate listed below. Apply to seeds at commercial seed treatment facilities.

Crop	Target Pests	Use Rate*
Soybean	Target Diseases (pathogens) <ul style="list-style-type: none"> • <i>Phytophthora</i> seed rot, root rot, and stem rot; damping off (<i>Phytophthora sojae</i>) • <i>Pythium</i> damping-off • Seed rot, damping off, and seedling blights caused seed-borne and soil-borne <i>Rhizoctonia solani</i>, <i>Fusarium</i> spp. and <i>Phomopsis</i> (<i>Diaporthe</i>) 	1.5 fl oz per 140,000 seed 3.0 fl oz per 100 lb seed 0.102 mg active ingredients per seed** 63.1 g active ingredients per 100 kg seed

SPECIFIC USES (Cont.)

Use this product at the rate listed below. Apply to seeds at commercial seed treatment facilities.

Crop	Target Pests	Use Rate*
Soybean	<ul style="list-style-type: none"> • Seed rots caused by seed- and soil-borne <i>Aspergillus</i> spp. and <i>Penicillium</i> spp. • Seed-borne <i>Botrytis</i> and <i>Sclerotinia</i> Target Insects <ul style="list-style-type: none"> • Aphid • Bean leaf beetle • Grape colaspis • Leafhopper • Seedcorn maggot • Three-cornered alfalfa hopper • Thrips • White grub • Wireworm 	1.5 fl oz per 140,000 seed 3.0 fl oz per 100 lb seed 0.102 mg active ingredients per seed** 63.1 g active ingredients per 100 kg seed

*Calculations are based on 140,000 seed unit = 50 lb (22.7 kg) that equates to 2800 seed per lb (6173 seed per kg).

**When applied at a target rate of 0.102 mg active ingredients per seed, active ingredient components will be applied at 0.004 mg/seed ipconazole, 0.00375 mg/seed picoxystrobin, 0.012 mg/seed oxathiapiprolin, 0.007 mg/seed mefenoxam, and 0.076 mg/seed thiamethoxam.

CROP ROTATION

The crops or crop groups listed below may be planted at the indicated interval after harvest of crops grown from seed treated with this product, or following the failure of a crop grown from seed treated with this product.

Rotation Interval	Crops / Crop Groups
Immediately	Cucurbit vegetables (Group 9), bulb vegetables (Group 3-07), fruiting vegetables (Group 8-10), leafy greens (Subgroup 4A), legume vegetables (Group 6, succulent or dried), oilseed (Group 20), strawberry, tobacco, tuberous and corn vegetables (Subgroup 1C).
30 days	Cereals (Groups 15 and 16).
120 days	Ginseng, grass animal feeds (Group 17), herbs and spices (Group 19).
180 days	All other crops†.

†A cover crop other than the crops listed above that is planted for erosion control or soil improvement may be planted sooner than the 180-day interval; however, the crop may not be grazed or harvested for food or feed.

Storage and Disposal

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

Pesticide Storage: Store product in original container only in a location inaccessible to children and pets. Avoid excessive heat. Avoid freezing temperatures. Do not contaminate water, other pesticides, fertilizer, food, or feed in storage.

Pesticide 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 container. Do not reuse or refill this container.

Nonrefillable Rigid Plastic Containers (capacity equal to or less than 5 gallons):

Triple rinse or pressure 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.

Storage and Disposal (Cont.)

Nonrefillable Rigid Plastic Containers (capacity greater than 5 gallons):

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.

Nonrefillable Plastic Containers, e.g., Intermediate Bulk Containers [IBC] (size or shape too large to be tipped, rolled, or turned upside down):

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.

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.

MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS PRECAUCIÓN

Consulte el contenido del folleto para obtener información sobre declaraciones preventivas adicionales, primeros auxilios e instrucciones de uso completas.

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.

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 the label, find someone to explain it to you in detail.)

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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1. Initial printing.

PRIMEROS AUXILIOS

Si entra en contacto con los ojos,	<ul style="list-style-type: none">• Mantenga los ojos abiertos y enjuáguelos lenta y cuidadosamente con agua, durante 15 a 20 minutos.• Si utiliza lentes de contacto, retírelos después de los primeros 5 minutos, luego continúe enjuagando los ojos.• Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.
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Cuando llame a un centro de control de envenenamientos, o a un médico, o intente obtener tratamiento, tenga a la mano el envase o la etiqueta del producto. También puede llamar al 800-992-5994 para obtener información sobre tratamientos médicos de emergencia.

DECLARACIONES PREVENTIVAS

Riesgos para los seres humanos y animales domésticos

Precaución. Provoca irritación moderada. Evite el contacto con la piel, los ojos o la ropa. El contacto prolongado y frecuente con la piel puede causar reacciones alérgicas en algunos individuos.

Equipo de protección personal

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

- Camisa de manga larga y pantalones largos.
- Zapatos y calcetines.
- Guantes a prueba de agua o resistentes a productos químicos.

Requisitos de seguridad para el usuario: Siga las instrucciones del fabricante para la limpieza/mantenimiento del equipo de protección personal (PPE, por sus siglas en inglés). En caso de no existir 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 con abundante agua y jabón después de manipular el pesticida, y antes de comer, beber, masticar chicle, consumir tabaco o ir al baño.
- Quitarse de inmediato la ropa/el PPE si entra pesticida en su interior. Luego se deben lavar concienzudamente y ponerse ropa limpia.
- Quitarse de inmediato el PPE después de manipular este producto. Lavar la parte externa de los guantes antes de quitárselos. Tan pronto como sea posible, lavarse con abundante agua y ponerse ropa limpia.

Riesgos ambientales

Este producto es tóxico para la fauna silvestre y altamente tóxico para los invertebrados acuáticos. Las semillas tratadas expuestas en la superficie del suelo pueden ser peligrosas para la fauna silvestre. Cubra, incorpore o recoja las semillas tratadas derramadas durante la carga. La deriva y los vertidos pueden ser peligrosos para los organismos acuáticos. Para el uso terrestre: No aplique directamente sobre el agua, ni en áreas donde haya agua superficial, ni en áreas intermareales por debajo de la marca de pleamar media. No contamine el agua cuando deseche aguas de lavado o de enjuague del equipo.

Precauciones para los polinizadores: El tiametoxam es altamente tóxico para las abejas expuestas al tratamiento directo, y pueden presentarse efectos como resultado de la exposición a residuos translocados en cultivos en floración.

Recomendación para las aguas subterráneas: El tiametoxam presenta propiedades y características asociadas con sustancias químicas detectadas en aguas subterráneas y puede filtrarse hacia ellas. Se sabe que el mefenoxam se filtra a través de la tierra a las aguas subterráneas bajo ciertas condiciones como resultado de su uso agrícola. El uso de estos productos químicos en áreas donde los suelos son permeables, en especial donde la capa freática es poco profunda, pueden causar la contaminación de las aguas subterráneas.

Recomendación para aguas superficiales: Este producto puede afectar la calidad de las aguas superficiales debido a la escorrentía del agua de lluvia. Esto es especialmente cierto en suelos con drenaje escaso y con aguas subterráneas poco profundas. Este producto está clasificado como de alto potencial para llegar a las aguas superficiales por escorrentía durante varios meses o más después de su aplicación. Una franja de protección vegetal nivelada y bien conservada entre las áreas en las que se aplica este producto y las fuentes de aguas superficiales, como estanques, arroyos y manantiales, reducirá la carga potencial de mefenoxam del agua de escorrentía y los sedimentos. La escorrentía de este producto se reducirá si se evitan las aplicaciones cuando se espera que llueva o se riegue en un plazo de 48 horas.

Riesgos físicos o químicos

Combustible. No use ni almacene el producto cerca del calor o de llamas expuestas.

INSTRUCCIONES DE USO

El uso de este producto de forma contraria a lo indicado en su etiqueta constituye una infracción de la ley federal. Lea atentamente todas las Instrucciones de uso antes de usar este producto.

No aplicar este producto de forma que entre en contacto con trabajadores u otras personas, ya sea directamente o a través de la deriva. Solo los manipuladores de pesticidas con la protección adecuada pueden estar en el área durante la aplicación. Para obtener información sobre cualquier requisito específico de su estado o tribu, consulte a la agencia responsable de la regulación de pesticidas.

INFORMACIÓN DEL PRODUCTO

Lumisena® El tratamiento de semillas Prime es un concentrado fluido que contiene tiametoxam, oxatiapiprolina, mefenoxam, ipconazol y picoxistrobina para la protección contra las plagas de insectos y enfermedades listadas en soya.

Para uso exclusivo en instalaciones comerciales de tratamiento de semillas (instalaciones y equipos móviles de tratamiento) con sistemas de transferencia cerrada, incluido mezcla cerrada, carga, calibración y equipos de tratamiento cerrados.

Este producto contiene un colorante o tinte aprobado por la EPA. Las semillas tratadas con este producto serán visualmente identificables frente a las semillas no tratadas.

RESTRICCIONES

- No utilice para alimentos, forrajes ni para procesamiento de aceite.
- Almacene las semillas tratadas separadas de los alimentos y de los productos de forraje.
- No permita que niños, mascotas o ganado tengan acceso a las semillas tratadas.
- No aplique este producto en tolvas o cajas sembradoras en el momento de la siembra.
- No apto para uso residencial.
- Las semillas tratadas expuestas en la superficie del suelo pueden ser peligrosas para la fauna silvestre. Cubra o recoja las semillas tratadas que se derramen durante la carga y la siembra, especialmente en los extremos de las hileras y en las esquinas del campo.
- No almacene semillas tratadas sobrantes en lugares donde puedan mezclarse con semillas no tratadas.
- Deseche todas las semillas tratadas excedentes enterrándolas lejos de cuerpos de agua. Las semillas tratadas sobrantes pueden sembrarse doblemente alrededor del contorno del campo o enterrarse lejos de fuentes de agua, de acuerdo con los requisitos locales.
- Deseche el envase de las semillas de acuerdo con los requisitos locales.
- Siembre las semillas tratadas en la tierra a una profundidad mayor de 1 pulgada.
- No aplique un insecticida neonicotinoide dentro de los 45 días posteriores a la siembra de semillas tratadas con este producto.
- Como tratamiento de semillas, no aplique más de 0.083 lb (37.8 gramos) de tiametoxam por acre por temporada.
- Independientemente del producto de tiametoxam utilizado o del método de aplicación, incluido los tratamientos de semillas, la dosis máxima de aplicación para productos que contienen tiametoxam es de 0.266 lb (120.66 gramos) por acre por año calendario. No aplique más de 0.266 lb (120.66 gramos) de tiametoxam por acre por año calendario. No aplique más que la dosis máxima anual total de tiametoxam indicada en la etiqueta del producto que tenga el total anual más bajo para ese cultivo.
- Independientemente del producto de mefenoxam o metalaxyl utilizado o del método de aplicación, incluido los tratamientos de semillas, la dosis máxima de aplicación para productos que contienen mefenoxam y metalaxyl es de 12.3 lb (5.58 kilos) por acre por año calendario. No aplique más de 12.3 lb (5.58 kilos) de mefenoxam y metalaxyl por acre por año calendario. No aplique más que la dosis máxima anual total de mefenoxam y metalaxyl indicada en la etiqueta del producto que tenga el total anual más bajo para ese cultivo.

Almacenamiento y desecho

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

Almacenamiento de pesticidas: Guarde el producto en su envase original únicamente en un lugar al que no puedan acceder niños ni mascotas. Evite el calor excesivo. Evite temperaturas bajo cero. No contamine el agua, otros pesticidas, fertilizantes, alimentos ni forrajes almacenados.

Desecho de pesticidas: 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: Envase no rellenable. No reutilice ni rellene este envase.

Envases rígidos de plástico no rellenables (capacidad igual o inferior a 5 galones):

Enjuague el envase (o equivalente) tres veces o a presión inmediatamente después de vaciarlo. **Enjuagar 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.

Envases de plástico rígido no rellenables (capacidad superior a 5 galones):

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

Almacenamiento y desecho (Cont.)

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.

Envases de plástico no rellenables, por ejemplo, envases intermedios para granel (IBC, por sus siglas en inglés) (tamaño o forma demasiado grande para volcarlos, enrollarlos o ponerlos boca abajo):

Limpie el envase inmediatamente después de vaciar el contenido de este recipiente en el equipo de aplicación o en el tanque de mezcla y

Almacenamiento y desecho (Cont.)

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 envase 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.