



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 28, 2024

### **SENT BY EMAIL**

Tasha Lott  
tasha.lott@albaughllc.com  
ALBAUGH, LLC.

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Addition of ABN "Cereal Premix 5.0 ST" and 'Cereal Premix 5L ST" and optional marketing graphic  
Product Name: Albaugh IPZ-1  
Admin Number: 45002-45  
EPA Receipt Date: 02/23/2023  
Action Case Number: 00473696

Dear Tasha Lott:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

The alternate brand names: 'Cereal Premix 5.0 ST,' 'Cereal Premix 5L ST' have been added to the registration. Our records have been updated accordingly.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact James Orrock via email at [orrock.james@epa.gov](mailto:orrock.james@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "James Orrock". The script is elegant and cursive, with the first letters of "James" and "Orrock" being significantly larger and more decorative than the rest of the letters.

James Orrock, Plant Pathologist

FB, RD

Office of Pesticide Programs

# NOTIFICATION

45002-45

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

08/28/2024

THIABENDAZOLE	GROUP	1	FUNGICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE
IPCONAZOLE	GROUP	3	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
TOLCLOFOS-METHYL	GROUP	14	FUNGICIDE

## ALBAUGH IPZ-1

**[ABNs: Cereal Premix 5.0 ST, Cereal Premix 5L ST]**

Fungicide seed treatment for protection against certain diseases of barley, oats, rye, triticale, and wheat.

### ACTIVE INGREDIENTS:

Difenoconazole (CAS No. 119446-683)	8.60%
Tolclofos-methyl (CAS No. 57018-04-9)	7.05%
Thiabendazole (CAS No. 148-79-8)	5.05%
Mefenoxam (CAS No. 7063017-0 and 69516-34-3)	3.60%
Ipconazole (CAS No. 125225-28-7)	1.06%

<b>OTHER INGREDIENTS:</b>	74.64%
<b>TOTAL:</b>	100.00%

Contains 0.76 lbs (346.8 grams) difenoconazole, 0.63 lbs (284.3 grams) tolclofos-methyl, 0.45 lbs (203.6 grams) thiabendazole, 0.32 lbs (145.1 grams) mefenoxam, and 0.09 lbs (42.7 grams) ipconazole per gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

#### IF SWALLOWED:

- 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 do so by a poison control center or doctor.
- **DO NOT** give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For non-emergency exposure information on this product, call 1-888-347-6732 (7 days/week, 24-hr). For medical emergencies, dial 911.

[See [inside] booklet for [additional] [complete] [First Aid,] [Precautionary Statements,] [Directions For Use,] [Storage and Disposal,] [and] [Conditions of Sale and Warranty].]

**For 24-hour chemical spill, leak, fire, exposure or accident response information, call CHEMTREC toll free at 1-800-424-9300.**

EPA Reg. No. 45002-45

EPA Est. No. \_\_\_\_\_

NET CONTENTS: \_\_\_\_\_ Gallons

**Manufactured By:**  
ALBAUGH, LLC  
1535 NE 36<sup>th</sup> Street  
ANKENY, IA 50021

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants,
2. Shoes plus socks,
3. Chemical-resistant gloves such as: Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Polyvinyl Chloride (PVC) ≥ 14 mils, and Viton ≥ 14 mils.

## USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE may be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. **DO NOT** contaminate water when disposing of equipment washwater or rinsate. Treated seed exposed on soil surface may be hazardous to birds. Cover or collect seeds spilled during loading.

**Groundwater Advisory:** Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**Surface Water Advisory:** This product may impact surface water quality through spray and runoff of rain water. This product has a high potential for runoff for several months or more after application. Poorly draining soils or soils with shallow water tables are more prone to produce runoff that contains this product.

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 for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecast to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

**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.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product may adversely impact non-target organisms feeding on treated seeds. Protect the non-target organisms by following label directions intended to minimize availability of treated seed to non-target organisms.

- Cover or collect treated seeds spilled during loading and planting in areas (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- **DO NOT** contaminate bodies of water when disposing of planting equipment wash water.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up procedures and disposal of wastes.

### PHYSICAL-CHEMICAL HAZARDS

**DO NOT** mix or allow coming in contact with oxidizing agents. 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.

**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.

RESTRICTION: Maximum usage when applying metalaxyl- and mefenoxam-containing products to the same crop within the same season: **DO NOT** apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notifications to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the **restricted-entry interval (REI)** of **48 hours**.

**Exception:** If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves such as: barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, and viton  $\geq$  14 mils.
- Shoes plus socks

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE, RESTRICTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

### USE RESTRICTIONS:

- **DO NOT** apply this product by ground or air as a foliar spray or in-furrow application to any crop or use site.
- **DO NOT** use as a planter (hopper) box treatment.
- **DO NOT** use treated seed for feed, food, or oil purposes.
- Store treated seed away from feeds and foodstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- **DO NOT** apply more than 0.46 lbs of difenoconazole active ingredient per acre per year regardless of type of application method.
- **DO NOT** apply more than 12.3 lbs of mefenoxam- or metalaxyl- active ingredient per acre per year regardless of type of application method.
- **DO NOT** apply more than the maximum annual rate for thiabendazole of 0.15 lbs a.i. per acre per year regardless of type of application method.
- **DO NOT** plant treated seed by broadcast methods.
- Treated seed must be planted into the soil at a depth of at least 1 inch.
- Green wheat, oats, rye or triticale forage may not be grazed until 55 days after planting.

- Green barley forage may not be grazed until 30 days after planting.
- **DO NOT** plant any crop, other than soybeans, dry peas, barley, wheat, oats, rye, and triticale, brassica head and stem subgroup 5A, cucurbit vegetable cropgroup 9, root vegetables (except sugarbeets) subgroup 1B, bulb vegetables subgroup 3-07A, spinach and alfalfa, within 30 days to fields in which treated seeds were planted.
- Excess treated seed may be used for ethanol production only if (1) 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.
- **NOTE:** If this product is undyed, the purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as a food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye added to treated seed must be cleared for use under 40 CFR, Part 180.1001.

In the event of crop failure or harvest of a crop grown from seeds treated, the following crops may be replanted immediately: Barley, Oats, Triciale, Winter Wheat, Spring Wheat.

For any other crop, the minimum plantback interval is 30 days from the date seeds treated were planted.

### RESISTANCE MANAGEMENT

THIABENDAZOLE	GROUP	1	FUNGICIDE
DIFENOCONAZOLE	GROUP	3	FUNGICIDE
IPCONAZOLE	GROUP	3	FUNGICIDE
MEFENOXAM	GROUP	4	FUNGICIDE
TOLCLOFOS-METHYL	GROUP	14	FUNGICIDE

For Resistance Management, this product contains thiabendazole, a Group 1 fungicide; difenoconazole, a Group 3 fungicide; ipconazole, a Group 3 fungicide; mefenoxam, a Group 4 fungicide; and tolclfos-methyl, a Group 14 fungicide.

Any fungal population may contain individuals naturally resistant to this product and other Group 1, Group 3, Group 4, or Group 14 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields.

Because resistance development cannot be predicted, the use of this product should follow appropriate resistance-management strategies. To delay fungicide resistance, use should be based on an IPM program that includes the following steps:

- Rotate the use of this product with other fungicide groups within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group 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 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, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Albaugh, LLC at **1-800-247-8013**. You can also contact your pesticide distributor or university extension specialist to report resistance.

## SEED TREATMENT

This product is a systemic seed treatment that provides protection against certain seed-borne or soil-borne foliar diseases of wheat, barley, oats, rye and triticale.

This product contains the active ingredients thiabendazole, difenoconazole, ipconazole, mefenoxam, and tolclofos-methyl.

- Thiabendazole is a systemic fungicide which aids in the control of seed borne *Fusarium* spp. And Common Bunt.
- Difenoconazole provides protection against several seed, seedling and certain foliar diseases including bunts and smuts.
- Ipconazole is a systemic broad-spectrum fungicide for protection against a wide variety of soil- and seed-borne diseases.
- Mefenoxam provides protection against damping-off caused by *Pythium* spp.
- Toleclofos-methyl enhances protection against *Rhizoctonia soloni*, *Fusarium* spp., and other deuteromycete fungi causing seed decay and seedling blights.

## ON-FARM SEED TREATMENT

- Store treated seed away from food and feedstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seeds.
- When loading/pouring the treated seed/seed-pieces, or covering/collecting spilled seed during loading and planting, wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, and viton ≥ 14 mils.
- Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- **DO NOT** contaminate bodies of water when disposing of planting equipment wash water.
- Plant treated seed into the soil to the recommended minimum depth or greater to minimize exposure.
- **DO NOT** plant treated seed by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.
- Dispose of seed packaging or containers in accordance with local requirements.

## MIXING INSTRUCTIONS

- Apply this product as a water-based slurry utilizing standard slurry treatment equipment which provides uniform seed coverage.
- Uneven or incomplete seed coverage may not give the desired level of disease control.
- Thoroughly mix the specified amount of this product into the required amount of water for the slurry.
- Follow the manufacturer instructions for the seed treatment equipment being used.
- Maintain constant agitation of the slurry during the treatment. If application is stopped maintain agitation of slurry until all of the slurry has been used.
- Allow seed to dry before bagging.

## SEED BAG LABEL REQUIREMENT

Seed treated with Albaugh IPZ-1 must be labeled in accordance with all applicable requirements of the Federal Seed Act. All bags containing treated seed must be labeled or tagged as follows. Any seed treated with Albaugh IPZ-1 that is sold or distributed without these statements is an unregistered pesticide, in violation of FIFRA section 12.

- This seed has been treated with difenoconazole, ipconazole, mefenoxam, thiabendazole and tolclofos-methyl fungicides.
- **DO NOT** use for feed, food, or oil purposes.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing seed treated with this product:

- **Groundwater Advisory:** Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this 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 through spray and runoff of rain water. This product has a high potential for runoff for several months or more after application. Poorly draining soils or soils with shallow water tables are more prone to produce runoff that contains this product.
- This seed has been treated with    lbs. difenoconazole,    lbs. tolclofos-methyl,    lbs. thiabendazole,    lbs. mefenoxam, and    lbs. ipconazole per    lbs. of seed [   mg difenoconazole,    mg tolclofos-methyl,    mg thiabendazole,    mg mefenoxam, and    mg ipconazole per seed].
- Regardless of application method, **DO NOT** apply more than 0.46 lb ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole.
- Store treated seed away from food and feedstuffs.
- **DO NOT** allow children, pets, or livestock to have access to treated seeds.
- PPE is required when opening this container or loading, pouring or handling treated seed and for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water. Wear long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Treated seed must be planted into the soil at a depth of at least 1 inch.
- Dispose of all excess treated seed. Left over treated seed may be double- sown around the headland or buried away from water sources in accordance with local requirements.
- **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 bodies when disposing of planting equipment washwater or rinsate.
- **DO NOT** plant treated seeds by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.
- Dispose of seed packaging in accordance with local requirements.
- Green wheat, oats, rye or triticale forage may not be grazed until 55 days after planting.
- Green barley forage may not be grazed until 30 days after planting.
- **DO NOT** plant any crop, other than soybeans, dry peas, barley, wheat, oats, rye, and triticale, brassica head and stem subgroup 5A, cucurbit vegetable cropgroup 9, root vegetables (except sugarbeets) subgroup 1B, bulb vegetables subgroup 3-07A, spinach and alfalfa, within 30 days to fields in which treated seeds were planted.
- Excess treated seed may be used for ethanol production only if (1) by- products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used for agronomic practice.
- The maximum application rate for metalaxyl or mefenoxam must not exceed 12.3 lb ai/A per calendar year or the lesser value listed in the crop use section.
- Maximum usage when applying both mefenoxam- and metalaxyl-containing products to the same crop within the same season: **DO NOT** apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product may adversely impact non-target organisms feeding on treated seeds. Protect the non-target organisms by following label directions intended to minimize availability of treated seed to non-target organisms.

- Cover or collect treated seeds spilled during loading and planting in areas (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- **DO NOT** contaminate bodies of water when disposing of planting equipment wash water.

All other requirements regarding the use of the treated seed, which include, but are not limited to, instructions relating to endangered species protection, environmental hazard statements, maximum use rates, plant back intervals, personal protective equipment, and storage and disposal statements, remain and must be listed on the bag tag.



## CROP SPECIFIC USE INSTRUCTIONS

### RESTRICTIONS:

- **DO NOT** apply this product by ground or air as a foliar spray or in-furrow application to any crop or use site.
- Treated seed must be planted into the soil at a depth of at least 1 inch.
- **DO NOT** apply this product using hopper-box or planter-box treatment methods at planting time.
- **DO NOT** plant treated seed by broadcast methods.
- Regardless of crop or type of application (seed treatment, soil, or foliar), **DO NOT** apply more than 12.3 lb mefenoxam per acre per year, 0.15 lb thiabendazole per acre per year, 0.02 lb tolclofos-methyl per acre per year, or 0.46 lb difenoconazole per acre per year.
- **DO NOT** plant any crop other than those on this label within 31 days to fields in which treated seeds were planted.
- **DO NOT** use treated seed for feed, food, or oil purposes.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.

SEED TREATMENT USE RATE (all crops listed)					
Rate of this product / 100 lbs. seed	Active Ingredient	lbs a.i. / 100 lbs	g a.i. / 100 lbs	lbs a.i. / 100 kg	g a.i. / 100 kg
2.0 fl.oz. (59.2 mL)	Difenoconazole	0.0119	5.4	0.0262	11.9
	Ipconazole	0.0014	0.6	0.0029	1.3
	Mefenoxam	0.0050	2.3	0.0112	5.1
	Tolclofos-methyl	0.0098	4.5	0.0218	9.9
	Thiabendazole	0.0070	3.2	0.0157	7.1
Crop	Diseases Controlled		Diseases Suppressed <sup>2</sup>		
Barley	General Seed Rots <sup>1</sup> : Seedling Blight, Root Rot and Damping-off caused by seed- and soil-borne <i>Fusarium</i> spp. or <i>Rhizoctonia</i> spp. Seedling Blight, Root Rot, Damping-off caused by soil-borne <i>Pythium</i> spp. Seed-borne <i>Septoria</i> Covered Smut False Loose Smut True Loose Smut		Common Root Rot ( <i>Cochliobolus</i> spp.) <i>Fusarium</i> Crown and Foot Rot Take All		
Barley Restrictions: Regardless of application method, <b>DO NOT</b> apply more than 0.034 lb ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole. Green barley forage may not be grazed until 30 days after planting.					
Oats	General Seed Rots <sup>1</sup> : Seedling Blight, Root Rot, Damping-off caused by seed- and soil-borne <i>Fusarium</i> spp. or <i>Rhizoctonia</i> spp. Seedling Blight, Root Rot, and Damping-off caused by soil-borne <i>Pythium</i> spp. Covered Smut Loose Smut		Common Root Rot ( <i>Cochliobolus</i> spp.)		
Oats Restrictions: Regardless of application method, <b>DO NOT</b> apply more than 0.022 lb ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole.					
Rye	General Seed Rots <sup>1</sup> : Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp. or <i>Rhizoctonia</i> spp. Seedling Blight, Root Rot, and Damping-Off caused by soil-borne <i>Pythium</i> spp. Seed-borne <i>Septoria</i> Common Bunt <sup>3</sup> Dwarf Bunt <sup>3</sup>		Common Root Rot ( <i>Cochliobolus</i> spp.) <i>Fusarium</i> Crown and Foot Rot Take All		

Rye Restrictions: Regardless of application method, **DO NOT** apply more than 0.038 lb ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole.

Winter Wheat and Triticale	<p>General Seed Rots<sup>1</sup>:  Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp. or <i>Rhizoctonia</i> spp.  Seedling Blight, Root Rot, and Damping-Off caused by soil-borne <i>Pythium</i> spp.  Seed-borne <i>Septoria</i>  <i>Septoria</i> Leaf Blotch  Common Bunt<sup>3</sup>  Dwarf Bunt<sup>3</sup>  Karnal Bunt  Flag Smut  <i>Fusarium</i> Seed Scab  Loose Smut  <i>Pythium</i> Damping Off</p>	<p>Common Root Rot (<i>Cochliobalus</i> spp.)  <i>Fusarium</i> Crown and Foot Rot  Take All</p>
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Winter Wheat and Triticale Restrictions: Regardless of application method, **DO NOT** apply more than 0.038 lb ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole.

Green wheat forage may not be grazed until 55 days after planting.

Spring Wheat	<p>General Seed Rots<sup>1</sup>:  Seedling Blight, Root Rot, and Damping-Off caused by seed- and soil-borne <i>Fusarium</i> spp. or <i>Rhizoctonia</i> spp.  Seedling Blight, Root Rot, and Damping-Off caused by soil-borne <i>Pythium</i> spp.  Common Bunt<sup>3</sup>  Karnal Bunt  <i>Fusarium</i> Seed Scab  Loose Smut  <i>Pythium</i> Damping Off</p>	<p>Common Root Rot (<i>Cochliobalus</i> spp.)  <i>Fusarium</i> Crown and Foot Rot  Take All</p>
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Spring Wheat Restrictions: Regardless of application method, **DO NOT** apply more than 0.038 ai/A/yr difenoconazole, 0.02 lb ai/A/yr tolclofos-methyl, 0.15 lb ai/A/yr thiabendazole, 12.3 lb ai/A/yr mefenoxam, and 0.00545 lb ai/A/yr ipconazole.

Green wheat forage may not be grazed until 55 days after planting.

<sup>1</sup>Active on pathogens that cause general seed rots. This includes those caused by saprophytic organisms such as *Fusarium*, *Pythium*, *Rhizoctonia*, *Penicillium* and *Aspergillus*.

<sup>2</sup>Suppression means consistent protection at a level which is not optimal but is still of commercial benefit.

<sup>3</sup>Provides protection against both seed- and soil-borne bunts (common, dwarf).

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

### PESTICIDE STORAGE

Store in original containers only. Keep container closed when not in use. **DO NOT** store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

### PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative of the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING [less than or equal to 5 gallons]

Non-refillable rigid plastic 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  $\frac{1}{4}$  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 offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

### CONTAINER HANDLING [greater than 5 gallons – mini bulk]

Non-refillable rigid plastic 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  $\frac{1}{4}$  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 offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

### CONTAINER HANDLING [greater than 5 gallons - bulk]

Refillable rigid plastic 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 person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

[Optional Marketing Graphic]



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[AD410922021723](#)

## LABEL HISTORY

(Not included in final printed label)

File Name	Version Mark	Comment
045002-000##.20210719.DRAFT	071921	SECTION 3 Draft Label
045002-000UL.20220727.DRAFT	072722	(e) Label Revisions
045002-000UL.20220914.DRAFT	091422	(e) Label Revisions
045002-000UL.20221014.DRAFT	101422	(e) Label Revisions
045002-000UL.20221108.DRAFT	110822	(e) Label Revisions
045002-000UL.20221108a.DRAFT	110822a	(e) Label Revisions
045002-00045.20221109.MASTER	AD110922	EPA SAL – Registration Granted
045002-00045.20230217.DRAFT	021723	Label Notification (ABN, Graphic)