



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 12, 2025

Jacob Moore  
US Registration Leader  
ADAMA Makhteshim Ltd. c/o MANA (d/b/a ADAMA)  
3120 Highwoods Blvd, Suite 100  
Raleigh, NC 27604

Subject: Label Amendment - Registration Review Mitigation for Pymetrozine  
Product Name: Fulfill Insecticide  
EPA Registration Number: 66222-274  
Case Number: 480743  
Application Date: December 22, 2020

Dear Jacob Moore:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Pymetrozine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

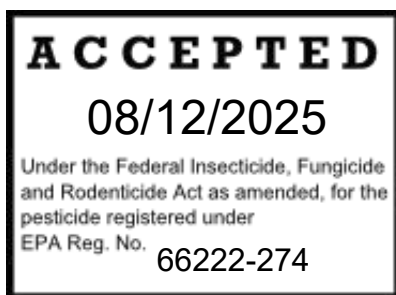
If you have any questions about this letter, please contact Caleb Carr by phone at 202-566-0636, or via email at [carr.caleb@epa.gov](mailto:carr.caleb@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Muhammad-Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label



PYMETROZINE	GROUP	9B	INSECTICIDE
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## Fulfill® Insecticide

For control of listed aphids [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, and vegetables

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Pymetrozine <sup>1</sup> .....	50.0%
<b>OTHER INGREDIENTS:</b> .....	50.0%
<b>TOTAL:</b>	100.0%

<sup>1</sup>CAS No. 123312-89-0

(Fulfill Insecticide is a water-dispersible granule containing 50% active ingredient by weight.)

### 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.)*

#### Manufactured for:

Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
8601 Six Forks Road, Suite 300  
Raleigh, NC 27615

**How can we help? 1-866-406-6262**

EPA Reg. No. 66222-274

EPA Est. No.:

FIRST AID	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have a person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical treatment information, call ProPharma 24 hours a day at 1-877-250-9291.	

**In case of spills, fire, leaks or accident call INFOTRAC at 1-800-535-5053.**

[Optional Text: See inside label booklet for [First Aid,] additional Precautionary Statements, Directions for Use and Storage and Disposal Instructions.]

**NET CONTENTS: \_\_\_\_**

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE)**

**Applicators and other handlers must wear:**

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

For Mixing/Loading Aerial/Chemigation Application Equipment: Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

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

**Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/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 glove before removing. As soon as possible, wash thoroughly and change clothing.

**Environmental Hazards**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

**Physical and Chemical Hazards**

Do not use, pour, spill, 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.

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.

### 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) 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 12 hours.**

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
- Waterproof gloves.
- Shoes plus socks

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.**

### PRODUCT INFORMATION

Fulfill® Insecticide controls listed aphid species in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, and vegetables.

Apply Fulfill Insecticide to plant foliage when aphids first appear, before populations build to damaging levels.

Thorough spray coverage is essential for best performance. Apply Fulfill Insecticide in sufficient water to ensure good coverage of all plant surfaces. The use of greater water volumes will result in better coverage, especially under adverse conditions (e.g., hot, dry) or where a dense plant canopy exists. See the **CROP USE DIRECTIONS** section of this label for specific instructions on spray volumes for different crops.

With all applications of Fulfill Insecticide, the use of a penetrating type spray adjuvant, at the manufacturer's specified rate, will improve coverage and result in optimum insect control, especially in hard-to-wet crops.

Fulfill Insecticide exhibits excellent translaminar movement (movement across the leaf surface and into plant tissue) and is rainfast as soon as the spray solution has dried.

#### Mode of Action

Fulfill Insecticide works primarily by ingestion, but also has some contact activity. Affected aphids stop feeding shortly after exposure, but may remain on the plant foliage until they die, which is usually within 4-10 days. Fulfill Insecticide has residual activity in the plant and will control aphids that move onto the plant after spraying.

#### Suitability for Integrated Pest Management Programs

Fulfill Insecticide is suitable for Integrated Pest Management (IPM) programs as it has a low toxicity to beneficial insects (including honeybees and bumblebees) and mites. It can be used in IPM programs using beneficial insects and during periods of pollination. However, do not apply Fulfill Insecticide directly to bees that are actively foraging in the field.

#### Phytotoxicity

Fulfill Insecticide has been tested for phytotoxicity at the label rates and has shown no effects on the crops listed on this label.

## Resistance Management

Fulfill Insecticide contains a Group 9B Insecticide (pymetrozine) belonging to a group of compounds of unknown or non-specific mode of action (selective feeding blockers).

It is strongly advised that Fulfill Insecticide be used in a sound resistance management program that includes rotation with other products with different modes of action. ADAMA encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

**Resistance Management Recommendations** For resistance management, Fulfill Insecticide contains a Group 9B insecticide. Any insect population may contain individuals naturally resistant to FULFILL INSECTICIDE and other Group 9B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

- Rotate the use of Fulfill Insecticide or other Group 9B insecticides within a growing season, or among growing seasons, with different groups that control the same pests. [Note: If a number of applications are necessary each year on a pest-by-pest basis, this statement may be modified as follows: " Avoid application of more than (maximum number) and consecutive sprays of (name of product) or other insecticides in the same group in a season.
- 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. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- 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 extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact ADAMA at 1-866-406-6262.

## Aphids Controlled<sup>1</sup>

### Common Name

Asparagus aphid  
Bean aphid  
Bird cherry-oat aphid  
Blackmargined aphid  
Black pecan aphid  
Buckthorn aphid  
Cabbage aphid  
Corn leaf aphid  
English grain aphid  
Green peach aphid

### Scientific Name

*Brachycorynella asparagi*  
*Aphis fabae*  
*Rhopalosiphum padi*  
*Monellia caryella*  
*Melanocallis caryaefoliae*  
*Aphis nasturtii*  
*Brevicoryne brassicae*  
*Rhopalosiphum maidis*  
*Sitobion avenae*  
*Myzus persicae*

**Common Name****Scientific Name**

Hop aphid  
Lettuce aphid  
Melon/cotton aphid  
Pea aphid  
Potato aphid  
Potato psyllid  
Red lettuce aphid  
Tobacco aphid  
Turnip aphid  
Yellow pecan aphid

*Phorodon humuli*  
*Nasonovia ribis-nigri*  
*Aphis gossypii*  
*Acyrtosiphon pisum*  
*Macrosiphum euphorbiae*  
*Paratrioza cockerelli*  
*Uroleucon pseudambrosiae*  
*Myzus nicotianae*  
*Lipaphis erysimi*  
*Monelliopsis pecanis*

<sup>1</sup> See individual crop sections for information on which aphid species most typically infest a particular crop.

**Rotational Restrictions**

The rotational (plantback) restriction for Fulfill Insecticide is 30 days for all crops.

**APPLICATION PROCEDURES****Ground Spray Equipment**

Use sufficient water to provide thorough, uniform coverage.

Use sprayer nozzles that provide accurate, uniform application and medium-sized droplets.

Calibrate sprayer from manufacturer's instructions or state's specifications to ensure delivery of adequate spray volume per unit area.

Applications using sufficient water volume to provide thorough and uniform coverage will provide the most effective aphid pest control. For ground applications, use the minimum spray volume indicated in the **CROP USE**

**DIRECTIONS** section of this label. In situations where a dense canopy exists and/or aphid infestations are high, use greater water volumes.

**Aerial Application**

Apply Fulfill Insecticide in water, using the minimum spray volume indicated in the **CROP USE DIRECTIONS** section of this label. Increase spray volume under adverse conditions (i.e., high temperature, low relative humidity, dense plant canopy). Do not apply under conditions where uniform coverage cannot be obtained or where excessive spray drift or inversion may occur. Do not apply directly to humans or animals.

**Mandatory Spray Drift Management**

As with all crop protection products, it is important to avoid off-target movement. Do not allow spray to drift onto adjacent land or crops. Follow these instructions to avoid spray drift.

- Do not apply when wind velocity exceeds 15 mph. Do not make applications when wind gusts approach 15 mph.
- Do not spray when conditions are favorable for drift (high temperatures, low relative humidity, drought). Do not apply during temperature inversions. If an inversion condition is suspected, consult with local weather services before making an application.
- Use the largest droplet size consistent with good pest control. Small droplets are more prone to spray drift, and can be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Apply as close to target plants as practical to obtain a good spray pattern for adequate coverage. Do not make applications more than 10 ft. above the crop canopy.
- For aerial applications, mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length must be used and must not exceed 75% of wing span or rotor diameter.

**SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

**IMPORTANCE OF DROPLET SIZE** An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

**BOOM HEIGHT** – Ground Boom For ground equipment, the boom should remain level with the crop and have minimal bounce.

### Handheld Technology Applications

Take precautions to minimize spray drift.

### SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift

## Chemigation

**Application Through Irrigation Systems – Potatoes only (Not for use in CA):** Fulfill Insecticide alone or in combination with other products, which are registered for application through sprinkler irrigation, may be applied through irrigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply Fulfill Insecticide through any other type of irrigation system. Lack of effectiveness or illegal pesticide residues can result from nonuniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Using Water from Public Water Systems:** DO NOT APPLY FULFILL INSECTICIDE THROUGH ANY IRRIGATION SYSTEM **PHYSICALLY CONNECTED** TO A PUBLIC WATER SYSTEM. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Fulfill Insecticide may be applied through irrigation systems which may be **supplied** by a public water system **only if** the water from the public water system is discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

Any irrigation system using water supplied from a public water system must also meet the following requirements.

### Operating Instructions FOR ALL SPECIFIED TYPES OF IRRIGATION SYSTEMS

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers, or other experts.



2. The system must contain a functional check-valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump, or a Venturi injector), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Do not apply when wind speed favors drift beyond the area intended for treatment.

### **Calibration and Application Instructions**

Apply Fulfill Insecticide under the schedule specified in the specific crop use directions, not according to the irrigation schedule unless the events coincide.

Set the equipment to apply the minimum amount of water per acre. Run the system at 80-95% of the manufacturer's maximum rated travel speed.

The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

### **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only drive systems that provide uniform water distribution. (2) Do not use end guns when chemigating Fulfill Insecticide through center pivot systems because of nonuniform application. (3) Plug the first nozzle closest to the well head to protect the water source.

1. Determine the size of the area to be treated.
2. Determine the time required to apply 0.1-0.25 inches of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. Run the system at 80-95% of the manufacturer's rated maximum travel speed.
3. Using water, determine the injection pump output when operated at normal line pressure.
4. Determine the amount of Fulfill Insecticide, and any tank mix partners, required to treat the area covered by the irrigation system.
5. Add the required amount of Fulfill Insecticide, any tank mix partners, and sufficient water to meet the injection time requirements to the solution tank. (See the **MIXING PROCEDURES** section of this label.)
6. Make sure the system is fully charged with water before starting injection of the Fulfill Insecticide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
7. Maintain constant agitation in the solution tank during the injection period.
8. Inject the specified amount of Fulfill Insecticide per acre continuously for one complete revolution of the system.

9. Stop the injection equipment after treatment is completed. Continue to operate the system until the Fulfill Insecticide solution has cleared all of the sprinkler heads.
10. Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water.

### **Solid Set, Hand Move, and Moving Wheel Irrigation Equipment**

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 20-40 minute time interval.
3. Determine the amount of Fulfill Insecticide required to treat the area covered by the irrigation system.
4. Add the required amount of Fulfill Insecticide, and any other tank mix partners, into the same quantity of water used to calibrate the injection period. (See the **MIXING PROCEDURES** section of this label.)
5. Operate the system at the same pressure and time interval established during the calibration.
6. Inject specified amount of Fulfill Insecticide per acre for either a 20-40 minute period at the end of a regular irrigation set, or as a 20-40 minute injection as a separate application not associated with a regular irrigation to maximize retention of the Insecticide by the foliage.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the Fulfill Insecticide solution has cleared the last sprinkler head. To ensure lines are flushed and free from remaining pesticides, a dye indicator may be injected into the lines to mark the end of the application period.

### **MIXING PROCEDURES**

Prepare no more spray mixture than is needed for the immediate application. Thoroughly clean spray equipment before using this product. Agitate the spray solution before and during application. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area. Keep product container tightly closed when not in use.

**Fulfill Insecticide Alone:** Add 1/2 of the required amount of water to the mix tank. With the agitator running, add the Fulfill Insecticide to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the Fulfill Insecticide has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

**Note:** Do not use liquid fertilizer as a carrier for Fulfill Insecticide.

**Fulfill Insecticide + Tank Mixtures:** Add 1/2 of the required amount of water to the mix tank. Start the agitator running before adding any tank mix partners. Add tank mix partners in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables) such as Fulfill Insecticide, liquid flowables, liquids and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

**Note:** When using Fulfill Insecticide in tank mixtures, add all products in water-soluble packaging to the tank before any other tank mix partner, including Fulfill Insecticide. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using Fulfill Insecticide in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. Do not exceed any label dosage rate, and follow the most restrictive label precautions and limitations. Do not mix this product with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

**Compatibility:** Fulfill Insecticide is compatible with most Insecticide, fungicide, fertilizers, and micronutrient products. However, test the physical compatibility of Fulfill Insecticide with tank mix partners before use. To determine the physical compatibility of Fulfill Insecticide with other products, use a jar test, as described below.

Using a 1 1/2 quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven acceptable, use the same procedure for adding required ingredients to the spray tank. If the combination proves not to be physically compatible, do not use these products in a tank mix.

The crop safety of all potential tank mixes on all crops may not have been tested. Before applying any tank mixture not specified on this label, confirm the safety to the target crop.

**IMPORTANT:** Do not tank mix Fulfill Insecticide with Bravo® Weather Stik®, Dithane® Rainshield™, or any other pesticide containing a sticker component in its formulation because this may drastically reduce Fulfill Insecticide's control of pests.

## CROP USE DIRECTIONS

Fulfill Insecticide must be used only for the sites and pests at the indicated rates and limitations specified in the following tables.

### USE RESTRICTIONS:

#### FOR PLANTS GROWN IN GROUND:

**Do not apply pymetrozine if:**

- Soil contains greater than 60% sand **AND**
- Soil contains less than 3% organic matter **AND**
- Depth to groundwater is less than 30 feet

#### ROW CROPS

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
Cotton	Cotton aphid	<b>Foliar application:</b>  2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Whiteflies	<b>Foliar application:</b>  2.75 oz./A (0.086 lb AI/A)	Provides suppression of whiteflies. <sup>2</sup>  Apply when adult whiteflies first appear, before populations build to damaging levels.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 2 gals./A when applied by air and a minimum of 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

### Restrictions:

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Allow a minimum of 21 days (PHI) between the last application and harvest.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Fulfill Insecticide aids in the suppression of whitefly (banded winged, silverleaf, and sweet potato) populations. Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is considered acceptable for commercial control.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Potatoes (and other Tuberous Root and Corm Vegetables)</b> Arracacha Arrowroot Bean yam Cassava: bitter and sweet Chayote root Chinese artichoke Chufa Dasheen (taro) Edible canna Ginger Jerusalem artichoke Leren Potato Sweet potato Tanier True yam Turmeric	Buckthorn aphid  Green peach aphid  Melon aphid  Potato aphid	<b>Foliar application:</b> 2.75 – 5.5 oz./A  (0.086 – 0.17 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Potato psyllid <sup>2</sup>	5.5 oz./A  (0.17 lb AI/A)	

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and a minimum of 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A per application.

**Do not** exceed a total of 11.0 oz. (0.34 lb AI/A) of Fulfill Insecticide /A per crop per season.

Allow a minimum of 7 days between applications. Allow a minimum of 14 days (PHI) between the last application and harvest.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Suppression only.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Tobacco</b>	Green peach aphid	<b>Foliar application:</b>  2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Tobacco aphid		

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 20 gals./A when applied by ground. **Do not** apply by air. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Allow a minimum of 14 days (PHI) between the last application and harvest.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

#### VEGETABLE CROPS

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Asparagus</b>	Asparagus aphid Bean aphid Green peach aphid Melon aphid Potato Aphid	<b>Fern application:</b>  2.75 oz./A (0.086 lb AI/A)	For control of aphids, apply to asparagus ferns after harvest has been completed. Allow a minimum of 30 days between applications.  Apply when aphids first appear, before populations build to damaging levels.  Additional applications may be needed to control persistent aphid populations, however, do not apply more than the maximum amount permitted per season.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

#### Restrictions:

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A per application.

**Do not** exceed a total of 16.5 oz. (0.52 lb AI/A) of Fulfill Insecticide /A per season.

Allow a minimum of 30 days between applications. Allow a minimum of 170 days (PHI) between the last application and harvest.

<sup>1</sup>Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Cole Crops</b> Broccoli Broccoli raab Brussels sprouts Cabbage Cauliflower Cavalo broccolo Chinese broccoli Chinese cabbage (bok choy, napa) Chinese mustard cabbage Collards Kale Kohlrabi Mizuna Mustard greens Mustard spinach Rape greens Turnip greens	Cabbage aphid Green peach aphid Turnip aphid	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Whiteflies	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Provides suppression of whiteflies. <sup>2</sup> Apply when adult whiteflies first appear, before populations build to damaging levels.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and a minimum of 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Allow a minimum of 7 days (PHI) between the last application and harvest.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Fulfill Insecticide aids in the suppression of whitefly (banded winged, silverleaf, and sweet potato) populations. Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is considered acceptable for commercial control.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Cucurbit Vegetables</b> Chayote Chinese waxgourd Citron melon Cucumber Edible gourd Gherkin <i>Momordica</i> spp. Muskmelon Pumpkin Squash: summer, winter Watermelon	Green peach aphid Melon aphid	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Whiteflies	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Provides suppression of whiteflies. <sup>2</sup>  Apply when adult whiteflies first appear, before populations build to damaging levels.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate

**Restrictions:**

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Applications can be made up to and including the day of harvest (0 day PHI).

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Fulfill Insecticide aids in the suppression of whitefly (banded winged, silverleaf, and sweet potato) populations. Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is considered acceptable for commercial control.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Fruiting Vegetables</b> Eggplant Ground cherry Pepino Peppers: bell, chili, cooking, pimento, and sweet Tomatillo Tomato	Green peach aphid Potato aphid	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Whiteflies	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Provides suppression of whiteflies. <sup>2</sup>  Apply when adult whiteflies first appear, before populations build to damaging levels.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Applications can be made up to and including the day of harvest (0 day PHI).

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Fulfill Insecticide aids in the suppression of whitefly (banded winged, silverleaf, and sweet potato) populations. Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is considered acceptable for commercial control.

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
<b>Leafy Vegetables</b>  Amaranth Arugula Cardoon Celery Celtuce Chervil Chinese celery Corn salad Dandelion Dock (sorrel) Edible-leaved chrysanthemum Endive (escarole) Fennel, Florence Garden/Upland cress Garden/Winter purslane Garland chrysanthemum Head lettuce	Bean aphid Green peach aphid Lettuce aphid Potato aphid Red lettuce aphid	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels.  Two applications may be needed to control persistent aphid populations.
	Whiteflies	<b>Foliar application:</b> 2.75 oz./A (0.086 lb AI/A)	Provides suppression of whiteflies. <sup>2</sup>  Apply when adult whiteflies first appear, before populations build to damaging levels.

Leaf lettuce Orach Parsley Radicchio Rhubarb Spinach Swiss chard			
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Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 5 gals./A when applied by air and 10 gals./A when applied by ground. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 2.75 oz. (0.086 lb AI/A) of Fulfill Insecticide /A with 2 maximum applications per year allowed.

**Do not** exceed a total of 5.5 oz. (0.17 lb AI/A) of Fulfill Insecticide /A/year.

Allow a minimum of 7 days between applications. Allow a minimum of 7 days (PHI) between the last application and harvest.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup> Fulfill Insecticide aids in the suppression of whitefly (banded winged, silverleaf and sweet potato) populations. Suppression means either erratic control ranging from good to poor or consistent control at a level below that which is considered acceptable for commercial control.

**Hops**

Crop	Pest <sup>1</sup>	Rate Per Acre Per Application	Remarks
Hops	Hop aphid	<b>Foliar application:</b> 4.0-6.0 oz./A (0.13 – 0.19 lb AI/A)	Apply when aphids first appear, before populations build to damaging levels. Apply higher rates for heavy infestations. Two applications may be needed to control persistent aphid populations.

**Do not** apply at rates lower than those specified on this label. Two applications may be needed to control heavy aphid infestations.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 120 gals./A. **Do not** apply by air. To provide optimum coverage and insect control, add a nonionic surfactant or organosilicon-based surfactant at the manufacturer's specified rate.

**Restrictions:**

**Do not** apply more than 6.0 oz. (0.19 lb AI/A) of Fulfill Insecticide /A per application.

**Do not** make more than three applications per crop per season; do not exceed a total of 18.0 oz. (0.57 lb AI/A) of Fulfill Insecticide /A per crop per season.

Allow a minimum of 14 days between applications. Allow a minimum of 14 (PHI) days between the last application and harvest.

**Note:** Fulfill Insecticide causes cessation of insect feeding shortly after application. However, aphids may remain on the plant for 2-4 days before they die.

<sup>1</sup> Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.



## Tree Crops

Crop	Pests <sup>1</sup>	Rate Per Acre Per Application	Remarks
Pecan	Black pecan aphid Blackmargined aphid Yellow pecan aphid	<b>Foliar application:</b> 4.0 oz./A (0.13 lb A/A)	Apply when aphids first appear, before populations build to damaging levels.

Thorough spray coverage of plant foliage is essential for optimum control. Apply in sufficient water to ensure good coverage; use a minimum of 50 gals./A when applied by ground and 20 gals./A when applied by air. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

### Restrictions:

**Do not** apply more than 4.0 oz (0.13 lb A/A). of Fulfill Insecticide /A per application.

**Do not** exceed a total of 8.0 oz. (0.26 lb A/A) of Fulfill Insecticide /A per crop per season.

Allow a minimum of 7 days between applications. Allow a minimum of 14 days (PHI) between the last application and harvest.

<sup>1</sup>Aphid pests listed in the individual crop sections are the species that most commonly infest that crop. However, Fulfill Insecticide will control all aphid species listed in the **Product Information** section of this label.

## STORAGE AND DISPOSAL

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

### Pesticide Storage

Store in original container, in a cool, dry place, inaccessible to children and pets. Product is hygroscopic. Keep the container tightly closed.

### Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

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 cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

### Container Handling

Non-refillable 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 ¼ 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. Offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

## LIMITATION OF WARRANTY AND LIABILITY

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ADAMA. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ADAMA makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the

statements made on this label. No agent of ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at ADAMA's election, the replacement of product.

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All other trademarks are the property of their respective owners.

Fulfill-66222-274-master-08-06-2024

(Non-Detachable Container Label)

PYMETROZINE	GROUP	9B	INSECTICIDE
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# Fulfill®

## Insecticide

For control of listed aphids [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, and vegetables

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Pymetrozine <sup>1</sup> .....	50.0%
<b>OTHER INGREDIENTS:</b> .....	50.0%
<b>TOTAL:</b>	100.0%

<sup>1</sup>CAS No. 123312-89-0

Fulfill Insecticide is a water-dispersible granule containing 50% active ingredient by weight.

**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.)*

**EPA Reg. No. 66222-274**

EPA Est. No.:

[Optional Text: See inside label booklet for [First Aid,] additional Precautionary Statements, Directions for Use and Storage and Disposal Instructions.]

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

**Manufactured for:**

Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
8601 Six Forks Road, Suite 300  
Raleigh, NC 27615

**How can we help? 1-866-406-6262**

**NET CONTENTS:** \_\_\_\_

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency medical treatment information, call ProPharma 24 hours a day at 1-877-250-9291.</p>	

**In case of spills, fire, leaks or accident call INFOTRAC at 1-800-535-5053.**

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

### CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### Personal Protective Equipment (PPE)

##### Applicators and other handlers must wear:

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

For Mixing/Loading Aerial/Chemigation Application Equipment: Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

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

#### Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<b>User Safety Recommendations</b>	
<b>Users should:</b>	<ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• Remove PPE immediately after handling this product. Wash the outside of glove before removing. As soon as possible, wash thoroughly and change clothing.</li> </ul>

#### **Environmental Hazards**

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

#### **Physical and Chemical Hazards**

Do not use, pour, spill, or store near heat or open flame.

#### **STORAGE AND DISPOSAL**

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

##### **Pesticide Storage**

Store in original container, in a cool, dry place, inaccessible to children and pets. Product is hygroscopic. Keep the container tightly closed.

##### **Pesticide Disposal**

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

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 cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

##### **Container Handling**

Non-refillable 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 ¼ 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. Offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

#### **Chemigation**

Refer to chemigation directions in attached booklet.

All other trademarks are the property of their respective owners.