



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 11, 2023

John F. Wright  
Authorized Representative  
Aceto Life Sciences, LLC  
4 Tri Harbor Court  
Port Washington, NY 11050

Subject: Label Amendment – Revising Spray Drift language per CA and other label edits  
Product Name: AG35802-a C 50 WDG Insecticide  
EPA Registration Number: 2749-618  
Application Date: February 18, 2023  
Decision Number: 590775

Dear Mr. Wright:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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 18 months from the date of this letter. After 18 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.

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.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact David Gardner by phone at (202) 566-2677, or via email at [gardner.david@epa.gov](mailto:gardner.david@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Tamica Cain".

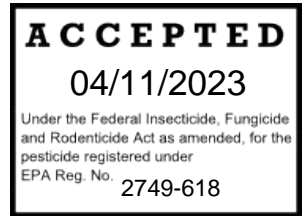
Tamica Cain, Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505T)

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language [Note to reviewer: {Text} in braces denotes where in the final label text will appear

[AGRICULTURAL SUB-LABEL)

{BOOKLET FRONT PANEL LANGUAGE}



|             |       |           |             |
|-------------|-------|-----------|-------------|
| PYMETROZINE | GROUP | <b>9B</b> | INSECTICIDE |
|-------------|-------|-----------|-------------|

### AG35802-a C 50 WDG Insecticide

*For control of listed aphids [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, asparagus, cole crops, cucurbit vegetables, fruiting vegetables and leafy vegetables*

|                                 |               |
|---------------------------------|---------------|
| <b>Active Ingredient:</b>       | (% by weight) |
| Pymetrozine .....               | 50.0%         |
| <b>Other Ingredients:</b> ..... | 50.0%         |
| <b>Total</b> .....              | <b>100.0%</b> |

Contains 0.5 lb. pymetrozine per lb. of product.

See inside booklet for First Aid, Precautionary Statements and Directions for Use.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

## 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.: 2749-618  
EPA Est. No.:

**Net Weight:**

**Manufactured for:**  
Aceto Life Sciences, LLC  
4 Tri Harbor Court  
Port Washington, NY 11050

**{LANGUAGE INSIDE BOOKLET}**

| 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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul> |

**Emergency Assistance:** Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR EMERGENCY MEDICAL HELP, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887.

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if absorbed through skin. Causes moderate eye irritation. 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. Wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

### Personal Protective Equipment (PPE) Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Gloves made of any waterproof material
- Shoes plus socks

Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, 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 170.607(d-f)], 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 into clean 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 or Chemical Hazards

**DO NOT** mix or allow coming into contact with oxidizing agents. Hazardous chemical reactions may occur. **DO NOT** use, pour, spill near heat or open flames.

## 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 State or Tribal 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
- Gloves made of any waterproof material
- Shoes plus socks

## NON-AGRICULTURAL USE REQUIREMENT

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to protect agricultural plants on farms, forests, nurseries, or greenhouses.

**DO NOT** enter treated areas without protective clothing until sprays have dried.

## PRODUCT INFORMATION

AG35802-a C 50 WDG Insecticide controls listed aphid species [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, and vegetables [and on landscape ornamentals, field-grown ornamentals, container-grown ornamentals, nonbearing fruit and nut trees in nurseries, Christmas trees, ground covers, and ornamental plants in greenhouses, lath and shadehouses, and interiorscapes]. AG35802-a C 50 WDG Insecticide is a water dispersible granule (WDG) containing 50% w/w pymetrozine active ingredient.

Apply AG35802-a C 50 WDG Insecticide to plant foliage when aphids first appear, before populations build to damaging levels.

Thorough spray coverage is essential for best performance. Apply AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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.

AG35802-a C 50 WDG Insecticide exhibits 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

AG35802-a C 50 WDG Insecticide works primarily by ingestion, but also has some contact activity. Affected aphids [and whiteflies] stop feeding shortly after exposure, but may remain on the plant foliage until they die, which is usually within 2-10 days. AG35802-a C 50 WDG Insecticide has residual activity in the plant and will control aphids that move onto the plant after spraying.

### Suitability for Integrated Pest Management Programs

AG35802-a C 50 WDG 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.

### Phytotoxicity

AG35802-a C 50 WDG Insecticide has been tested for phytotoxicity at the label rates and has shown no effects on the crops listed on this label. While many species and cultivars have been tested, a small group of each specie and cultivar should be evaluated for phytotoxicity two weeks prior to making applications to the entire crop.

### Resistance Management

For resistance management, AG35802-a C 50WDG Insecticide contains a Group 9B insecticide. Any insect population may contain individuals naturally resistant to AG35802-a C 50 WDG 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 AG35802-a C 50WDG Insecticide or other Group 9B insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - o 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.
  - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - o 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 Aceto Life Sciences, LLC at Aceto@aceto.com.

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

| Common Name           | Scientific Name                  |
|-----------------------|----------------------------------|
| Asparagus aphid       | <i>Brachycorynella asparagi</i>  |
| Bean aphid            | <i>Aphis fabae</i>               |
| Bird cherry-oat aphid | <i>Rhopalosiphum padi</i>        |
| Blackmargined aphid   | <i>Monellia caryella</i>         |
| Black pecan aphid     | <i>Melanocallis caryaefoliae</i> |
| Buckthorn aphid       | <i>Aphis nasturtii</i>           |
| Cabbage aphid         | <i>Brevicoryne brassicae</i>     |
| Corn leaf aphid       | <i>Rhopalosiphum maidis</i>      |
| English grain aphid   | <i>Sitobion avenae</i>           |
| Green peach aphid     | <i>Myzus persicae</i>            |
| Hop aphid             | <i>Phorodon humuli</i>           |
| Lettuce aphid         | <i>Nasonovia ribis-nigri</i>     |
| Melon/cotton aphid    | <i>Aphis gossypii</i>            |
| Pea aphid             | <i>Acyrtosiphon pisum</i>        |
| Potato aphid          | <i>Macrosiphum euphorbiae</i>    |
| Potato psyllid        | <i>Paratrioza cockerelli</i>     |
| Red lettuce aphid     | <i>Uroleucon pseudambrosiae</i>  |
| Tobacco aphid         | <i>Myzus nicotianae</i>          |
| Turnip aphid          | <i>Lipaphis erysimi</i>          |
| Yellow pecan aphid    | <i>Monelliopsis pecanis</i>      |

<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 AG35802-a C 50 WDG Insecticide is 30 days for all crops.

### Use Restrictions:

- **DO NOT** apply by chemigation, except where allowed in the specific CROP USE DIRECTIONS.
- **DO NOT apply AG35802-a C 50 WDG Insecticide directly to bees that are actively foraging in the field.**
- **DO NOT** use liquid fertilizer as a carrier for AG35802-a C 50 WDG Insecticide.
- **DO NOT** mix AG35802-a C 50 WDG Insecticide 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.
- **DO NOT** apply directly to humans or animals.

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**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 ground water is less than 30 feet.

## **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 AG35802-a C 50 WDG 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.

### **Spray Drift Precautions**

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.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- If the windspeed is 10 miles per hour or less, applicators must use a minimum of a ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use a minimum of a ¾ swath displacement upwind at the downwind edge of the field.

### **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.

### **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.

### **Handheld Technology Applications**

Take precautions to minimize spray drift.

## **Chemigation (For Use on Potatoes Only) [Not for Use in California]**

### **Application Through Irrigation Systems**

AG35802-a C 50 WDG Insecticide alone or in combination with other products, which are registered for application through sprinkler irrigation, may be applied through irrigation systems. Apply AG35802-a C 50 WDG Insecticide only through center pivot, solid set, hand move, or moving wheel irrigation systems. **DO NOT** apply AG35802-a C 50 WDG 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 AG35802-A C 50 WDG 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. AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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

Instructions: (1) Use only drive systems that provide uniform water distribution. (2) **DO NOT** use end guns when chemigating AG35802-a C 50 WDG 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 AG35802-a C 50 WDG Insecticide, and any tank mix partners, required to treat the area covered by the irrigation system.
5. Add the required amount of AG35802-a C 50 WDG 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 product 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 AG35802-a C 50 WDG 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 product 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 AG35802-a C 50 WDG Insecticide required to treat the area covered by the irrigation system.
4. Add the required amount of AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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 product 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

AG35802-a C 50 WDG Insecticide is a water dispersible granule that needs to be dilute with water prior to spray applications. Prepare no more spray mixture than is needed for the immediate application. Thoroughly clean spray equipment before using AG35802-a C 50 WDG Insecticide. 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.

#### AG35802-a C 50 WDG Insecticide Alone:

- Add 1/2 of the required amount of water to the mix tank.
- With the agitator running, add AG35802-a C 50 WDG Insecticide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the solution after AG35802-a C 50 WDG Insecticide has completely and uniformly dispersed into the mix water.
- Maintain agitation until all of the mixture has been applied.

**It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.**

**RESTRICTION: DO NOT** tank mix AG35802-a C 50 WDG Insecticide with Bravo® Weather Stik® (chlorothalonil, EPA Reg. No. 66222-276), Dithane® Rainshield™ (mancozeb, EPA Reg. No. 62719-402), or any other pesticide containing a sticker component in its formulation because this may drastically reduce AG35802-a C 50 WDG Insecticide's control of pests.

**AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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 AG35802-a C 50 WDG Insecticide in tank mixtures, add all products in water-soluble packaging to the tank before any other tank mix partner, including AG35802-a C 50 WDG 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.

**Compatibility:** AG35802-a C 50 WDG Insecticide is compatible with most insecticide, fungicide, fertilizers, and micronutrient products. However,

test the physical compatibility of AG35802-a C 50 WDG Insecticide with tank mix partners before use. To determine the physical compatibility of AG35802-a C 50 WDG Insecticide with other products, use a jar test, as described below.

Use a small container and mix all components in a small amount, usually 0.5 to 1qt. of spray. Mix AG35802-a C 50 WDG Insecticide as indicated above and then combine all products in the same ratio and order of addition as in the proposed spray mixture. Observe the mixture for indication of incompatibility which usual occurs in 10 to 30 minutes after mixing. If incompatibility is observed, try changing the order of addition of the components. The guideline on tank mixture partners is driven by formulation type. Start with water dispersible granules (WP's), wettable powders (WP's) including water soluble bags (WSB's), suspension concentrated (SC's) or flowable (F's), all with very good agitation. Next follow with water miscible concentrates and emulsifiable concentrates (EC's) before adding drift control additives, nonionic surfactants (NIS's) or organosilicone-based surfactant. After vigorous agitation, there must be a homogeneous suspension. Let the final tank mixture stand and observe for any rapid settling or floating of components. If any indications of physical incompatibility develop, **DO NOT** use this mixture for spraying.

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.

**CROP USE DIRECTIONS**

AG35802-a C 50 WDG Insecticide must be used only for the sites and pests at the indicated rates and limitations specified in the following tables.

**ROW CROPS**

| Crop   | Pests <sup>1</sup> | Rate Per Acre Per Application            | Instructions   |
|--------|--------------------|--|--|
| Cotton | Cotton aphid       | <b>Foliar application:</b><br>2.75 oz./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><br>2.75 oz./A | Provides suppression of whiteflies. <sup>2</sup><br>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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup>AG35802-a C 50 WDG 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                  | Instructions  |
|---|---|--|---|
| <b>Potatoes (and other Tuberous Root and Corm Vegetables)</b><br>Arracacha<br>Arrowroot<br>Bean yam<br>Cassava:<br>bitter and sweet<br>Chayote root<br>Chinese artichoke<br>Chufa<br>Dasheen (taro)<br>Edible canna<br>Ginger<br>Jerusalem artichoke<br>Leren<br>Potato<br>Sweet potato<br>Tanier<br>True yam<br>Turmeric | Buckthorn aphid<br>Green peach aphid<br>Melon aphid<br>Potato aphid | <b>Foliar application:</b><br>2.75 - 5.5 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Two applications may be needed to control persistent aphid populations. |
|   | Potato psyllid <sup>2</sup>   | 5.5 oz./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. AG35802-a C 50 WDG Insecticide may be applied by chemigation. See specific Chemigation section of this label. 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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 11.0 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG 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            | Instructions  |
|----------------|------------------------------------|--|---|
| <b>Tobacco</b> | Green peach aphid<br>Tobacco aphid | <b>Foliar application:</b><br>2.75 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Two applications may be needed to control persistent aphid populations. |

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. To provide optimum coverage and penetration, add a penetrating type spray adjuvant at the manufacturer's specified rate.

**Restriction:**

- **DO NOT** apply more than 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- **DO NOT** apply by air.

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, this crop 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          | Instructions   |
|------------------|---|--|--|
| <b>Asparagus</b> | Asparagus aphid<br>Bean aphid<br>Green peach aphid<br>Melon aphid<br>Potato Aphid | <b>Fern application:</b><br>2.75 oz./A | For control of aphids, apply to asparagus ferns after harvest has been completed. Allow a minimum of 30 days between applications.<br>Apply when aphids first appear, before populations build to damaging levels.<br>Additional applications may be needed to control persistent aphid populations, however do not apply more than the maximum amount permitted per year. |

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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 16.5 oz. of AG35802-a C 50 WDG Insecticide/A per year.
- Maximum of 6 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.

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, AG35802-a C 50 WDG 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            | Instructions  |
|---|--|--|---|
| <b>Cole Crops</b><br>Broccoli<br>Broccoli raab<br>Brussels sprouts<br>Cabbage<br>Cauliflower<br>Cavalo broccolo<br>Chinese broccoli<br>Chinese cabbage<br>(bok choy, napa)<br>Chinese mustard<br>cabbage<br>Collards<br>Kale<br>Kohlrabi<br>Mizuna<br>Mustard greens<br>Mustard spinach<br>Rape greens<br>Turnip greens | Cabbage aphid<br>Green peach aphid<br>Turnip aphid | <b>Foliar application:</b><br>2.75 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br>Two applications may be needed to control persistent aphid populations. |
|   | Whiteflies   | <b>Foliar application:</b><br>2.75 oz./A | Provides suppression of whiteflies. <sup>2</sup><br>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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG Insecticide will control all aphid species listed in the Product Information section of this label.

<sup>2</sup>AG35802-a C 50 WDG 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            | Instructions  |
|--|----------------------------------|--|---|
| <b>Cucurbit Vegetables</b><br>Chayote<br>Chinese waxgourd<br>Citron melon<br>Cucumber<br>Edible gourd<br>Gherkin<br><i>Momordica</i> spp.<br>Muskmelon<br>Pumpkin<br>Squash:<br>summer, winter<br>Watermelon | Green peach aphid<br>Melon aphid | <b>Foliar application:</b><br>2.75 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Two applications may be needed to control persistent aphid populations. |
|  | Whiteflies                       | <b>Foliar application:</b><br>2.75 oz./A | Provides suppression of whiteflies. <sup>2</sup><br>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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup>AG35802-a C 50 WDG 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            | Instructions  |
|---|-----------------------------------|--|---|
| <b>Fruiting Vegetables</b><br>Eggplant<br>Ground cherry<br>Pepino<br>Peppers: bell, chili, cooking, pimento, and sweet<br>Tomatillo<br>Tomato | Green peach aphid<br>Potato aphid | <b>Foliar application:</b><br>2.75 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Two applications may be needed to control persistent aphid populations. |
|   | Whiteflies                        | <b>Foliar application:</b><br>2.75 oz./A | Provides suppression of whiteflies. <sup>2</sup><br>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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup>AG35802-a C 50 WDG 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            | Instructions  |
|---|---|--|---|
| <b>Leafy Vegetables</b><br>Amaranth<br>Arugula<br>Cardoon<br>Celery<br>Celtuce<br>Chervil<br>Chinese celery<br>Corn salad<br>Dandelion<br>Dock (sorrel)<br>Edible-leaved chrysanthemum<br>Endive (escarole)<br>Fennel, Florence<br>Garden/Upland cress<br>Garden/Winter purslane<br>Garland chrysanthemum<br>Head lettuce<br>Leaf lettuce<br>Orach<br>Parsley<br>Radicchio<br>Rhubarb<br>Spinach<br>Swiss chard | Bean aphid<br>Green peach aphid<br>Lettuce aphid<br>Potato aphid<br>Red lettuce aphid | <b>Foliar application:</b><br>2.75 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Two applications may be needed to control persistent aphid populations. |
|   | Whiteflies  | <b>Foliar application:</b><br>2.75 oz./A | Provides suppression of whiteflies. <sup>2</sup><br><br>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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 5.5 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 2.75 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG Insecticide will control all aphid species listed in the **Product Information** section of this label.

<sup>2</sup>AG35802-a C 50 WDG 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               | Instructions   |
|-------------|--------------------|---|--|
| <b>Hops</b> | Hop aphid          | <b>Foliar application:</b><br>4.0-6.0 oz./A | Apply when aphids first appear, before populations build to damaging levels.<br><br>Apply higher listed rate for heavy infestations.<br><br>Two applications may be needed to control heavy or persistent aphid populations. |

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. To provide optimum coverage and insect control, add a nonionic surfactant or organosilicone-based surfactant at the manufacturer's specified rate.

**Restrictions:**

- **DO NOT** apply more than 6.0 oz. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** make more than three applications per crop per year;
- **DO NOT** exceed a total of 18.0 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- **DO NOT** apply at rates lower than those specified on this label.

- **DO NOT** apply by air.
- Maximum of 3 applications of 6.0 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.

Allow a minimum of 14 days between applications.

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

**Note:** AG35802-a C 50 WDG 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, AG35802-a C 50 WDG 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           | Instructions   |
|-------|--|---|--|
| Pecan | Black pecan aphid<br>Blackmargined aphid<br>Yellow pecan aphid | <b>Foliar application:</b><br>4.0 oz./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. of AG35802-a C 50 WDG Insecticide/A per application.
- **DO NOT** exceed a total of 8.0 oz. of AG35802-a C 50 WDG Insecticide/A per crop per year.
- Maximum of 2 applications of 4.0 oz. of AG35802-a C 50 WDG Insecticide/A per crop per 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, AG35802-a C 50 WDG 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 a tightly closed container in a cool, dry place. Product is hygroscopic.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:**

**[Bag:** Nonrefillable outer bag. **DO NOT** reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by other procedures allowed by state and local authorities]

**[Plastic Container:** Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

**[Lined Fiber Drum:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.]

**WARRANTY DISCLAIMER AND NOTICE**

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**IMPORTANT: READ BEFORE USE**

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Read the entire Directions for Use, Conditions, Disclaimer 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 Aceto Life Sciences, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ACETO LIFE SCIENCES, LLC 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 Aceto Life Sciences, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ACETO LIFE SCIENCES, LLC 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 ACETO LIFE SCIENCES, LLC'S ELECTION, THE REPLACEMENT OF PRODUCT.

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[GREENHOUSE & NURSERY SUB-LABEL]  
 {BOOKLET FRONT PANEL LANGUAGE}

|             |       |    |             |
|-------------|-------|----|-------------|
| PYMETROZINE | GROUP | 9B | INSECTICIDE |
|-------------|-------|----|-------------|

**AG35802-a C 50 WDG Insecticide**

*Landscape ornamentals, field-grown ornamentals, container-grown ornamentals, nonbearing fruit and nut trees in nurseries, Christmas trees, ground covers, and ornamental plants in greenhouses, lath and shadehouses, and interiorscapes*

|                                 |               |
|---------------------------------|---------------|
| <b>Active Ingredient:</b>       | (% by weight) |
| Pymetrozine .....               | 50.0%         |
| <b>Other Ingredients:</b> ..... | <u>50.0%</u>  |
| <b>Total</b> .....              | 100.0%        |

Contains 0.5 lb. pymetrozine per lb. of product.

See inside booklet for First Aid, Precautionary Statements and Directions for Use.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

**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.: 2749-618  
 EPA Est. No.:

**Net Weight:**

**Manufactured for:**  
 Aceto Life Sciences, LLC  
 4 Tri Harbor Court  
 Port Washington, NY 11050

{LANGUAGE INSIDE BOOKLET}

| <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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul> |

**Emergency Assistance:** Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR EMERGENCY MEDICAL HELP, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887.

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if absorbed through skin. Causes moderate eye irritation. 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. Wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

### Personal Protective Equipment (PPE) Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Gloves made of any waterproof material
- Shoes plus socks

Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, 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 170.607(d-f)], 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 into clean 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 or Chemical Hazards

**DO NOT** mix or allow coming into contact with oxidizing agents. Hazardous chemical reactions may occur. **DO NOT** use, pour, spill near heat or open flames.

## 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 State or Tribal 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
- Gloves made of any waterproof material
- Shoes plus socks

## NON-AGRICULTURAL USE REQUIREMENT

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to protect agricultural plants on farms, forests, nurseries, or greenhouses.

**DO NOT** enter treated areas without protective clothing until sprays have dried.

## PRODUCT INFORMATION

AG35802-a C 50 WDG Insecticide controls listed aphid species [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, and vegetables [and on landscape ornamentals, field-grown ornamentals, container-grown ornamentals, nonbearing fruit and nut trees in nurseries, Christmas trees, ground covers, and ornamental plants in greenhouses, lath and shadehouses, and interiorscapes]. AG35802-a C 50 WDG Insecticide is a water dispersible granule (WDG) containing 50% w/w pymetrozine active ingredient.

Apply AG35802-a C 50 WDG Insecticide to plant foliage when aphids first appear, before populations build to damaging levels.

Thorough spray coverage is essential for best performance. Apply AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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.

AG35802-a C 50 WDG Insecticide exhibits 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

AG35802-a C 50 WDG Insecticide works primarily by ingestion, but also has some contact activity. Affected aphids [and whiteflies] stop feeding shortly after exposure but may remain on the plant foliage until they die, which is usually within 2-10 days. AG35802-a C 50 WDG Insecticide has residual activity in the plant and will control aphids that move onto the plant after spraying.

### Suitability for Integrated Pest Management Programs

AG35802-a C 50 WDG 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.

### Phytotoxicity

AG35802-a C 50 WDG Insecticide has been evaluated for phytotoxicity on many greenhouse, nursery, and ornamental plants. All plants tested under university research and commercial production conditions have not shown phytotoxicity at labeled rates of AG35802-a C 50 WDG Insecticide. While many species and cultivars have been tested, a small group of each specie and cultivar should be evaluated for phytotoxicity two weeks prior to making applications to the entire crop. Applications should not be made to poinsettia after bract formation.

## Resistance Management

For resistance management, AG35802-a C 50WDG Insecticide contains a Group 9B insecticide. Any insect population may contain individuals naturally resistant to AG35802-a C 50 WDG 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 AG35802-a C 50WDG Insecticide or other Group 9B insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. **DO NOT** rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - o 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.
  - o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  - o 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 Aceto Life Sciences, LLC at Aceto@aceto.com.

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

| Common Name           | Scientific Name                  |
|-----------------------|----------------------------------|
| Asparagus aphid       | <i>Brachycorynella asparagi</i>  |
| Bean aphid            | <i>Aphis fabae</i>               |
| Bird cherry-oat aphid | <i>Rhopalosiphum padi</i>        |
| Blackmargined aphid   | <i>Monellia caryella</i>         |
| Black pecan aphid     | <i>Melanocallis caryaefoliae</i> |
| Buckthorn aphid       | <i>Aphis nasturtii</i>           |
| Cabbage aphid         | <i>Brevicoryne brassicae</i>     |
| Corn leaf aphid       | <i>Rhopalosiphum maidis</i>      |
| English grain aphid   | <i>Sitobion avenae</i>           |
| Green peach aphid     | <i>Myzus persicae</i>            |
| Hop aphid             | <i>Phorodon humuli</i>           |
| Lettuce aphid         | <i>Nasonovia ribis-nigri</i>     |
| Melon/cotton aphid    | <i>Aphis gossypii</i>            |
| Pea aphid             | <i>Acyrtosiphon pisum</i>        |
| Potato aphid          | <i>Macrosiphum euphorbiae</i>    |
| Potato psyllid        | <i>Paratrioza cockerelli</i>     |
| Red lettuce aphid     | <i>Uroleucon pseudambrosiae</i>  |
| Tobacco aphid         | <i>Myzus nicotianae</i>          |
| Turnip aphid          | <i>Lipaphis erysimi</i>          |
| Yellow pecan aphid    | <i>Monelliopsis pecanis</i>      |

<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 AG35802-a C 50 WDG Insecticide is 30 days for all crops.

## Use Restrictions:

- **DO NOT** apply by chemigation, except where allowed in the specific CROP USE DIRECTIONS.
- **DO NOT** apply AG35802-a C 50 WDG Insecticide directly to bees that are actively foraging in the field.

- **DO NOT** use liquid fertilizer as a carrier for AG35802-a C 50 WDG Insecticide.
- **DO NOT** mix AG35802-a C 50 WDG Insecticide 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.
- **DO NOT** tank mix AG35802-a C 50 WDG Insecticide with Bravo® Weather Stik® (chlorothalonil, EPA Reg. No. 66222-276), Dithane® Rainshield™ (mancozeb, EPA Reg. No. 62719-402), or any other pesticide containing a sticker component in its formulation because this may drastically reduce AG35802-a C 50 WDG Insecticide's control of pests.
- **DO NOT** apply more than 10 oz. of AG35802-a C 50 WDG Insecticide /A per application.
- **DO NOT** apply more than 0.3125 lbs. pymetrozine per acre per application.
- For outdoor use, **DO NOT** apply more than 48 oz. of AG35802-a C 50 WDG Insecticide/A per year.
- **DO NOT** apply more than 1.25 lbs. pymetrozine per acre per year for outdoor applications.
- For indoor use, **DO NOT** apply more than 100 oz. of AG35802-a C 50 WDG Insecticide/A per year.
- **DO NOT** apply more than 6.25 lbs. of AG35802-a C 50 WDG Insecticide (3.125 lbs. pymetrozine) per acre per year for indoor applications.
- For indoor use in CA, **DO NOT** apply more than 48 oz. of AG35802-a C 50 WDG Insecticide/A per year.
- **DO NOT** apply aerially.
- **FOR PLANTS GROWN IN CONTAINERS.**
  - **DO NOT** apply pymetrozine within 900 feet of any well where depth to groundwater is less than 30 feet.
  - OR, if depth to groundwater is less than 30 feet and leaching management system is required.
- Allow a minimum of 7 days between applications.

#### 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 ground water is less than 30 feet.

## 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.

### Spray Drift Precautions

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.
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the windspeed is 10 miles per hour or less, applicators must use a minimum of a ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use a minimum of a ¾ swath displacement upwind at the downwind edge of the field.

### 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.

### **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.

### **Handheld Technology Applications**

Take precautions to minimize spray drift.

## **Chemigation (For Use on Potatoes Only [Not Registered for Use in California])**

### **Application Through Irrigation Systems**

AG35802-a C 50 WDG Insecticide alone or in combination with other products, which are registered for application through sprinkler irrigation, may be applied through irrigation systems. Apply AG35802-a C 50 WDG Insecticide only through center pivot, solid set, hand move, or moving wheel irrigation systems. **DO NOT** apply AG35802-a C 50 WDG 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 AG35802-A C 50 WDG 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. AG35802-a C 50 WDG 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**

9. 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.
10. 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.
11. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.

12. 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.
13. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
14. 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.
15. 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.
16. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

### Calibration and Application Instructions

Apply AG35802-a C 50 WDG 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

Instructions: (1) Use only drive systems that provide uniform water distribution. (2) **DO NOT** use end guns when chemigating AG35802-a C 50 WDG Insecticide through center pivot systems because of nonuniform application. (3) Plug the first nozzle closest to the well head to protect the water source.

11. Determine the size of the area to be treated.
12. 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.
13. Using water, determine the injection pump output when operated at normal line pressure.
14. Determine the amount of AG35802-a C 50 WDG Insecticide, and any tank mix partners, required to treat the area covered by the irrigation system.
15. Add the required amount of AG35802-a C 50 WDG 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.)
16. Make sure the system is fully charged with water before starting injection of the product solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
17. Maintain constant agitation in the solution tank during the injection period.
18. Inject the specified amount of AG35802-a C 50 WDG Insecticide per acre continuously for one complete revolution of the system.
19. Stop the injection equipment after treatment is completed. Continue to operate the system until the product solution has cleared all of the sprinkler heads.
20. 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

8. Determine the acreage covered by the sprinklers.
9. 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.
10. Determine the amount of AG35802-a C 50 WDG Insecticide required to treat the area covered by the irrigation system.
11. Add the required amount of AG35802-a C 50 WDG 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.)
12. Operate the system at the same pressure and time interval established during the calibration.
13. Inject specified amount of AG35802-a C 50 WDG 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.
14. Stop injection equipment after treatment is completed. Continue to operate the system until the product 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

AG35802-a C 50 WDG Insecticide is a water dispersible granule that needs to be dilute with water prior to spray applications. Prepare no more spray mixture than is needed for the immediate application. Thoroughly clean spray equipment before using AG35802-a C 50 WDG Insecticide. 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.

**AG35802-a C 50 WDG Insecticide Alone:**

- Add 1/2 of the required amount of water to the mix tank.
- With the agitator running, add AG35802-a C 50 WDG Insecticide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the solution after AG35802-a C 50 WDG Insecticide has completely and uniformly dispersed into the mix water.
- Maintain agitation until all of the mixture has been applied.

**It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.**

**RESTRICTION:**

**AG35802-a C 50 WDG 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 AG35802-a C 50 WDG 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 AG35802-a C 50 WDG Insecticide in tank mixtures, add all products in water-soluble packaging to the tank before any other tank mix partner, including AG35802-a C 50 WDG 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.

**Compatibility:** AG35802-a C 50 WDG Insecticide is compatible with most insecticide, fungicide, fertilizers, and micronutrient products. However,

test the physical compatibility of AG35802-a C 50 WDG Insecticide with tank mix partners before use. To determine the physical compatibility of AG35802-a C 50 WDG Insecticide with other products, use a jar test, as described below.

Use a small container and mix all components in a small amount, usually 0.5 to 1qt. of spray. Mix AG35802-a C 50 WDG Insecticide as indicated above and then combine all products in the same ratio and order of addition as in the proposed spray mixture. Observe the mixture for indication of incompatibility which usual occurs in 10 to 30 minutes after mixing. If incompatibility is observed, try changing the order of addition of the components. The guideline on tank mixture partners is driven by formulation type. Start with water dispersible granules (WP's), wettable powders (WP's) including water soluble bags (WSB's), suspension concentrated (SC's) or flowable (F's), all with very good agitation. Next follow with water miscible concentrates and emulsifiable concentrates (EC's) before adding drift control additives, nonionic surfactants (NIS's) or organosilicone-based surfactant. After vigorous agitation, there must be a homogeneous suspension. Let the final tank mixture stand and observe for any rapid settling or floating of components. If any indications of physical incompatibility develop, **DO NOT** use this mixture for spraying.

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.

**Landscape ornamentals, field-grown ornamentals, container-grown ornamentals, nonbearing fruit and nut trees in nurseries, Christmas trees, ground covers, and ornamental plants in greenhouses, lath and shadehouses, and Interiorscapes.**

Ornamental plants: breeding crops, bulb, corm and tuber crops (including tulips, calla lilies), evergreens, including conifers, flower plants, flower plants grown for seed production, foliage plants, ground cover, palms, perennial plants, pot and bedding plants, shrubs, trees including non-bearing fruit and nut trees\* and vines (non-bearing)\*.

\*Non-bearing trees and vines are plants that will not bear edible fruit or nuts for one year after application.

When target pests appear and conditions **DO NOT** favor drift beyond the target area, apply foliar spray mixture uniformly to all plant surfaces, particularly the stem and leaf undersides, to point of runoff. Avoid spray overlap that could cause phytotoxicity. Use the following rates and retreatment intervals.



| Pests  | Type of Application                | Application Rates for AG35802-a C 50 WDG Insecticide       | Instructions  |
|--|------------------------------------|--|---|
| Whiteflies, including Silverleaf Whitefly ( <i>Bermisia argentifolii</i> ), Greenhouse Whitefly ( <i>Trialeurodes vaporariorum</i> )<br>Aphids including: Green Peach Aphid ( <i>Myzus persicae</i> ), Melon Aphid ( <i>Aphis gossypii</i> ) | Ground Foliar Spray or Chemigation | 2.5 – 5.0 oz/100 gals water<br><br>Maximum rate of 10 oz/A | Retreatment intervals:<br>7-days – severe insect pressure<br>14-days – normal insect pressure |

**Note:** On hand-to-wet plants, add a nonionic or organosilicone-based surfactant to improve coverage. Follow product's use directions and labeled rate.

**Precautions:**

- Avoid spray overlap that could cause phytotoxicity.
- Applications should not be made to poinsettia after bract formation.

| Pests   | Type of Application              | Application Rates for AG35802-a C 50 WDG Insecticide   | Instructions            |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
|---|----------------------------------|--|-------------------------|----------------------------------|---|---|---|---|---|---|---|---|---|----|----|-------|---|
| Aphids<br>Whiteflies, including Silverleaf Whitefly ( <i>Bermisia spp.</i> Biotype B & Q)<br>Greenhouse Whitefly ( <i>Trialeurodes vaporariorum</i> ) | Drench Solution                  | 5.0 oz/100 gals water<br><br><table border="1" data-bbox="776 1146 1128 1495"> <thead> <tr> <th data-bbox="776 1146 938 1285">Container Size (inches)</th> <th data-bbox="938 1146 1128 1285">Fl oz drench solution/ container</th> </tr> </thead> <tbody> <tr> <td data-bbox="776 1285 938 1320">4</td> <td data-bbox="938 1285 1128 1320">3</td> </tr> <tr> <td data-bbox="776 1320 938 1356">5</td> <td data-bbox="938 1320 1128 1356">4</td> </tr> <tr> <td data-bbox="776 1356 938 1392">6</td> <td data-bbox="938 1356 1128 1392">4</td> </tr> <tr> <td data-bbox="776 1392 938 1428">7</td> <td data-bbox="938 1392 1128 1428">7</td> </tr> <tr> <td data-bbox="776 1428 938 1463">8</td> <td data-bbox="938 1428 1128 1463">10</td> </tr> <tr> <td data-bbox="776 1463 938 1495">10</td> <td data-bbox="938 1463 1128 1495">20-25</td> </tr> </tbody> </table> <p data-bbox="784 1530 1117 1623">For larger containers, apply 6 - 8 fl oz of drench solution per gallon of soil media.</p> <p data-bbox="784 1665 1101 1822">For flats, trays, benches, or beds, apply sufficient amount of drench solution to adequately wet soil media without leaching.</p> | Container Size (inches) | Fl oz drench solution/ container | 4 | 3 | 5 | 4 | 6 | 4 | 7 | 7 | 8 | 10 | 10 | 20-25 | Apply by soil-directed spray via ground application equipment or by chemigation.<br><br>Begin applications prior to or when pests first appear.<br><br>Use higher listed rates when longer residual control is needed.<br><br>**Adjust drench volume accordingly to ensure thorough wetting of the root zone without leaching product from the container. |
| Container Size (inches)   | Fl oz drench solution/ container |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 4   | 3                                |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 5   | 4                                |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 6   | 4                                |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 7   | 7                                |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 8   | 10                               |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |
| 10  | 20-25                            |  |                         |                                  |   |   |   |   |   |   |   |   |   |    |    |       |   |

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a tightly closed container in a cool, dry place. Product is hygroscopic.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**[Bag:** Nonrefillable outer bag. **DO NOT** reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by other procedures allowed by state and local authorities]

**[Plastic Container:** Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

**[Lined Fiber Drum:** Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.]

## WARRANTY DISCLAIMER AND NOTICE

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### IMPORTANT: READ BEFORE USE

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Read the entire Directions for Use, Conditions, Disclaimer 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 Aceto Life Sciences, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ACETO LIFE SCIENCES, LLC 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 Aceto Life Sciences, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ACETO LIFE SCIENCES, LLC 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 ACETO LIFE SCIENCES, LLC'S ELECTION, THE REPLACEMENT OF PRODUCT.

All trademarks are the property of their respective owners.  
Made in China [&] [packaged in USA]

**{LANGUAGE ON LABEL AFFIXED TO CONTAINER}**

**AG35802-a C 50 WDG Insecticide**

*[For control of listed aphids [and whiteflies] in cotton, hops, pecans, potatoes (and other tuberous root and corm vegetables), tobacco, asparagus, cole crops, cucurbit vegetables, fruiting vegetables and leafy vegetables] [Landscape ornamentals, field-grown ornamentals, container-grown ornamentals, nonbearing fruit and nut trees in nurseries, Christmas trees, ground covers, and ornamental plants in greenhouses, lath and shadehouses, and interiorscapes]*

|                                 |               |
|---------------------------------|---------------|
| <b>Active Ingredient:</b>       | (% by weight) |
| Pymetrozine .....               | 50.0%         |
| <b>Other Ingredients:</b> ..... | 50.0%         |
| <b>Total</b> .....              | 100.0%        |

Contains 0.5 lb. pymetrozine per lb. of product.

See inside booklet for Precautionary Statements and Directions for Use.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

**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.)

| <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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li><li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul> |
| Emergency Assistance: Have the product container or label with you when calling a poison control center or physician or going for treatment. MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887. |   |

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL CHEMTREC® TOLL FREE 1-800-424-9300 or 1-703-527-3887.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. 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 use. Wear long-sleeved shirt and long pants, socks, shoes and waterproof gloves.

**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 or Chemical Hazards**

**DO NOT** mix or allow coming into contact with oxidizing agents. Hazardous chemical reactions may occur. **DO NOT** use, pour, spill near heat or open flames.

**STORAGE AND DISPOSAL**

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Batch Code No. \_\_\_\_\_

**Manufactured For:**  
Aceto Life Sciences, LLC  
4 Tri Harbor Court  
Port Washington, NY 11050

**EPA Reg. No.:** 2749-618  
**Est. No.:**  
**Net Weight:**

[PEEL BACK BOOK HERE AND RESEAL AFTER OPENING  ]

Made in China [&] [packaged in USA]