

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 16, 2017

Karen E. Warkentien Director of Regulatory Affairs Certis USA LLC 9145 Guilford Road, Suite 175 Columbia, MD 21046

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add the

Organic Materials Review Institute Logo, Update the Environmental Hazards and Chemigation Statements, Add Alternate Brand Names and Make Revisions Requested

by the EPA

Product Name: Agree WG

EPA Registration Number: 70051-47

Application Dates: 02/22/2017 and 06/06/2017 OPP Decision Numbers: 526435 and 530147

#### Dear Ms. Warkentien:

In an application dated February 22, 2017 (OPP Decision No. 526435), you notified the U.S. Environmental Protection Agency (EPA) that you wanted to add the Organic Materials Review Institute (OMRI) logo and update the Environmental Hazards and Chemigation statements. Subsequently, the EPA determined that some of the actions requested (e.g., updating the Environmental Hazards statements) do not fall under the scope of Pesticide Registration Notice 98-10 and therefore converted the notification to a non-PRIA amendment (OPP Decision No. 530147).

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

The alternate brand names Able 50 WDG, Design, and Turex WG have been added to the registration, and our records have been updated accordingly. This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or 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 (1) copy of the final printed labeling before you release this 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

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

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Alex Boukedes by phone at (703) 347-0305 or via email at boukedes.alexandra@epa.gov.

Sincerely,

Jeannine Kausch, Product Manager 92 Microbial Pesticides Branch

Biopesticides and Pollution Prevention Division (7511P)

Office of Pesticide Programs



## **BIOLOGICAL INSECTICIDE**

{Alternate Brand Names: Able® 50 WDG, Design®, Turex® WG}

For control of lepidopterous insect pests of certain terrestrial fruits, vegetables, ornamentals and flowers, tobacco, corn, cotton, soybeans, and citrus.



[MAY BE USED] FOR ORGANIC PRODUCTION



## **ACTIVE INGREDIENT:**

Bacillus thuringiensis subspecies aizawai strain GC-91fermentation solids, spores, and	
Lepidopteran active toxins (at least 25,000 IU/mg product)*	50.0%
OTHER INGREDIENTS:	50.0%
TOTAL:	100.0%

<sup>\*</sup>The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

# KEEP OUT OF REACH OF CHILDREN CAUTION

[See [additional] [precautionary statements] [and] directions for use inside booklet.]

[See [side][back][inside][other] panel for [additional] [first aid] [and] [precautionary] statements.]

[Refer to inside of label booklet for additional precautionary information and Directions for Use including First Aid and Storage and Disposal.]

#### **MANUFACTURED BY:**

Certis USA LLC 9145 Guilford Road, Suite 175 Columbia, MD 21046



EPA Reg. No. 70051-47 EPA Est. No. 70051-CA-001

Lot Number:

**Net Weight:** 

## ACCEPTED

Revision Date: 2017-06-13

Revises: 2016-08-25 NOTIF, 2010-11-24 ESL

06/16/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 20054, 47

70051-47

## FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Hot Line Number: 1-800-255-3924 [ChemTel].

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

## PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.
- Mixer/loaders and applicators must wear and use a NIOSH-approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A (if tank mixing with any oil-based adjuvants, spreaders, or spreader/stickers, use only R or P filters); or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. (Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.)

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

#### **USER SAFETY RECOMMENDATIONS**

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **Engineering controls**

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

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IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

#### **ENVIRONMENTAL HAZARDS**

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

This product must not be applied aerially within 1/4 mile of any habitats of endangered or threatened Lepidoptera. No manual application can be made within 300 ft. of any threatened or endangered Lepidoptera.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. These use directions must be in the possession of the user at the time of pesticide application. 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 4 hours.

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

- Coveralls
- Waterproof gloves
- Shoes plus socks

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

Revision Date: 2017-06-13

#### Revision Date: 2017-05-19 Agree® WG, EPA Reg. No. 70051-47 Revises: 2016-08-25 NOTIF, 2010-11-24 ESL

#### PRODUCT INFORMATION

Agree® WG is a biological insecticide specific for use against the lepidopterous larvae listed on this label. Agree® WG must be eaten by larvae to be effective. Since Agree® WG is most effective against small newly-hatched larvae, an early scouting program to determine earlyinfestations is recommended. After consuming a lethal dose of Agree® WG, larvae stop eating usually within an hour, but may remain on the foliage until they die, usually within several days. Affected larvae move more slowly and tend to become shriveled and discolored before dying. For best performance, always follow these directions:

- Treat when small, newly-hatched larvae are present and first feeding damage is observed.
- Since Agree® WG must be ingested to obtain control, treat when larvae are actively feeding and before extensive damage occurs.
- Thorough spray coverage is essential for good control of the pest. Nozzles on ground equipment should be arranged in a manner to provide the best coverage. Increased water volume and spray pressure will enhance coverage.
- If insect infestation becomes heavy, use higher (2.0 lbs./A) label rate. Increased water volume and shortened spray intervals may be necessary to achieve acceptable control.
- To maintain control, repeat applications may be necessary at 3 to 7-day intervals, depending on the rate of growth of the crop, weather conditions, and severity of insect infestation.
- Agree® WG may be applied up to the day of harvest
- To improve coverage and residual effectiveness of Agree® WG, addition of a spreader/sticker approved for use on growing crops to the spray tank is recommended for all crops, and especially for hard-to-wet crops, such as cole crops.

Note: Insects are known to develop resistance to products used repeatedly for control. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating products with different modes of action. Consult your local pest control advisor or extension office for details. If resistance to this product develops in your area, this product or other products with a similar mode of action may not provide adequate control. If you experience difficulty with control, and resistance is a likely cause, consult your local Certis USA LLC representative or pest control advisor for the best alternative method of control. Certis USA LLC encourages good product stewardship to ensure effective long-term control of the respective insect pests.

## **Mixing Instructions**

- (1) Be sure the sprayer is clean and not contaminated with other materials.
- (2) Prepare no more spray mixture than is needed for the intermediate operation. Fill tank ¼ full with clean water or liquid fertilizer.
- (3) Start agitation.
- (4) Be certain that the agitation system is working properly and creates a rippling or rolling action in the liquid surface.
- (5) Pour Agree® WG directly from the bag into the tank.
- (6) Continue filling tank with water until 90% full, increasing agitation if necessary to maintain surface action.
- (7) Add other tank mix products if needed. Finish filling tank.
- (8) Maintain maximum agitation throughout the spraying operation.
- (9) Empty tank as completely as possible before refilling to prevent residue building. Do not let the spray mixture stand overnight in the spray tank.

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(10) Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Table 1: Pounds of Agree® WG required to treat various acreages at different rates

Acres to	Pounds of Agree® WG to Use				Pounds of Agree® WG		
Treat	0.25 lb/A	0.5 lb/A	1.0 lb/A	1.5 lb/A	2.0 lb/A		
5	1.25	2.5	5	7.5	10		
10	2.5	5	10	15	20		
15	3.75	7.5	15	22.5	30		
20	5	10	20	30	40		
30	7.5	15	30	45	60		
40	10	20	40	60	80		
50	12.5	25	50	75	100		
100	25	50	100	150	200		

**Agree® WG + Tank Mixtures:** Agree® WG is compatible with most commonly used insecticides, fungicides, liquid fertilizers, and most spray adjuvants if a non-ionic spreader/sticker approved for use on growing crops is included. This product can be mixed and used with other pesticides only in accordance with the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing. No label dosage rates may be exceeded.

Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, add the required amount of Agree® WG to the spray tank. Allow Agree® WG time to dissolve before adding the other materials, especially nitrogen or boron. Then add the desired amount of the other products recommended for tank mixture. Continue agitation while adding the remainder of water and during application to maintain uniform suspension. *Precaution: Agree® WG must be completely dissolved and dispersed in water before any other tank mix partner, including micronutrients or other liquid or dry fertilizers, are added to the spray tank.* 

#### **APPLICATION INSTRUCITONS**

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

**For Light Brown Apple Moth:** Apply when newly hatched larvae appear and before leaves are rolled or webbing is significant.

For Banana Moth: Drench bark to newly emergent shoots following pruning or apply to susceptible plant tissues when Banana Moth larvae are active.

**For European Grapevine Moth:** Apply at blackhead egg stage or when larvae are newly hatched before leaves are rolled, or larvae have entered fruit.

**For European Pepper Moth:** Begin applications at egg lay and continue at 3-5 day intervals throughout larval feeding period.

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For All Pests: Sprays should target small larvae, from newly-hatched to 2<sup>nd</sup> instar. High label rates may be required to control larger larvae. Continue applying as part of a normal spray program until pest is adequately controlled. Apply when caterpillars are actively feeding. To be effective, Agree® WG spray must be deposited at the larval feeding site. Agree® WG can be applied by ground or air in water sufficient to ensure thorough and even coverage. Thorough and uniform crop coverage is required for adequate insect control. Applications at higher water volumes have demonstrated improved control of targeted pests. Early morning or evening applications, when air is calm, are generally best for aerial applications.

## **Ground Equipment**

For conventional ground equipment, mix the specified rate of Agree® WG and apply as a spray in a minimum of 20 gals. of water/A to assure thorough coverage of the crop. Use a higher water volume in the far west to assure thorough coverage of the crop, and to give better performance.

## **Aerial Equipment**

For aerial application, apply 2-10 gals. of water/A. Use a higher water volume in the far west to assure thorough coverage of the crop, and to give better performance.

#### **CHEMIGATION APPLICATIONS**

Agree® WG alone or in combination with other tank mixtures which are registered for sprinkler irrigation may be applied through irrigation systems.

Apply this product only through sprinkler systems such as center pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, irrigation system (including greenhouse systems) used for label-prescribed safety devices for public water system are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the 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.

## **OPERATING INSTRUCTIONS** Sprinkler Irrigation

- 1. The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigated pipeline to prevent water source contamination from backflow.
- 2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoidoperating 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.
- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5. The irrigation line or water pump must include a functional pressure switch which will stop the water pressure decreases to the point where pesticide distribution is adversely affected.

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- 6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Application should be continuous in sufficient water to apply the specified rate evenly to the entire treated area.
- 8. Do not apply when wind speed favors drift beyond the area intended for treatment.

## **Chemigation Systems Connected to Public Water Systems**

- 1. Public water system means a system for the provision to the public of piped water of 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 of the year.
- 2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be 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 pope and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 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 contain a functional, normally closed, solenoidoperated valve located on the intake side of the injection 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) compatible with pesticides and capable of being fitted with a system interlock.
- 7. Dilute the product in water following the label mixing directions. It may be premixed in a supply tank with water, fertilizer or other appropriate tank-mixed agricultural chemicals. Agitation is necessary. Application should be continuous in sufficient water to apply the specified rate evenly to the entire treated area.
- 8. Do not apply when wind speed favors drift beyond the area intended for treatment.

#### CALIBRATION AND APPLICATION

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

## Center Pivot Irrigation Equipment (Use only with drive systems which provide uniform water distribution.)

- 1. Determine the size of the area to be treated.
- 2. Determine the time required to apply ¼ to ½ inch of water over the area to be treated when the system and injection equipment are operated at normal pressures

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recommended by the equipment manufacturer. Run the system at 80-95% of the manufacturers rated capacity.

- 3. Using water, determine the injection pump output when operated at normal line pressure.
- 4. Do not use the end gun for applications of Agree® WG through Center Pivot Irrigation Equipment.
- 5. Determine the amount of Agree® WG required to treat the area covered by the irrigation system. (Refer to table for use rates.)
- 6. Add the required amount of Agree® WG all at once to sufficient water in the injection solution tank to meet the injection time requirements. (See **Mixing Instructions** section of this label.).
- 7. Maintain constant agitation in the injection solution tank during the injection period.
- 8. Inject Agree® WG at the end of the irrigation cycle in ½ to ½ inch of water or as a separate application to maximize the effectiveness of the insecticide.
- 9. Continue to operate the system until the Agree® WG solution has cleared the last sprinkler head.

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

- 1. Determine the acreage covered by the sprinklers.
- 2. Fill the injection solution tank with water and adjust flow rate to use the contents over a 20-30 minute interval.
- 3. Determine the amount of Agree® WG required to treat the area covered by the irrigation system.
- 4. Add the required amount of Agree® WG into the same quantity of water used to calibrate the injection period. (See **Mixing Instructions** section of this label.)
- 5. Operate the system at the same pressure and time interval established during the injection period.
- 6. Maintain constant agitation in the injection solution tank during the injection period.
- 7. Inject Agree® WG at the end of the irrigation cycle in ½-1/2 inch of water or as a separate application to maximize the effectiveness of the insecticide.
- 8. Stop injection equipment after the treatment is completed. Continue to operate the system until the Agree® WG solution has cleared the last sprinkler head.

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**Table 2: Application Rates** 

**Crops/Pests** (including but not limited to)

Crop	Pests	Lbs. Agree® WG per Acre <sup>a</sup>
Cole crops, Terrestrial Chinese vegetables, Terrestrial green leafy vegetables, Celery	Loopers, Imported Cabbageworm, Corn Earworm(Tomato Fruitworm), Cross-striped Cabbageworm, Diamondback Moth, Armyworms, Beet Armyworm, Saltmarsh Caterpillar, Bollworms, Tobacco budworm Light Brown Apple Moth	0.5 to 2.0 1.0 to 2.0
Beans, Peas	Loopers, Armyworms, Green cloverworm, Velvetbean caterpillar, Corn Earworm, Bollworms (Podworms)	0.5 to 2.0
Tomatoes, Peppers	Light Brown Apple Moth Loopers, Tomato Fruitworm, Hornworms, Armyworms, Bollworms, Tobacco Budworm Light Brown Apple Moth	1.0 to 2.0 0.5 to 2.0 1.0 to 2.0
Tobacco <sup>b</sup>	Loopers, Tobacco Budworm, Hornworms, Light Brown Apple Moth, Corn Earworm (Tomato Fruitworm), Bollworms	1.0 to 2.0
Cotton <sup>c</sup>	Tobacco Budworm, Bollworms, Armyworms, Loopers	Light Pressure: 0.25 to 0.50 <sup>d</sup> Moderate Pressure: 0.5 to 1.5 High Pressure: 1.5 to 2.0
	Light Brown Apple Moth	1.0 to 2.0

<sup>&</sup>lt;sup>a</sup>Under Heavy infestation pressure, use 1.5-2.0 lbs./A. The 0.25-0.5 lb./A rate can be used to control light infestations of newly-hatched larvae.

<sup>&</sup>lt;sup>b</sup>Use to suppress light to moderate populations of small, newly-hatched larvae.

<sup>&</sup>lt;sup>c</sup>Apply on a 3 to 7-day schedule to suppress light to moderate populations of small, newly-hatched larvae. Best results can be expected using Integrated Pest Management/Scouting Programs in early season cotton and continuing throughout the season.

<sup>&</sup>lt;sup>d</sup>Improved control can be achieved by tank-mixing Agree® WG with other EPA-registered insecticides. When using a tank-mix, use lower Agree® WG rates (0.25 to 0.75 lb./A). Treat when eggs and/or newly hatched larvae are found. To maintain control, repeat applications, targeted against eggs and small larvae, as necessary.

Lbs. Agree® WG Crop Pests Per Acre Loopers, Budworms, Diamondback Moth, European Grapevine Moth<sup>h</sup>, Armyworms, Corn Terrestrial Ornamentals 0.5 to 2.0 Earworm (Tomato Fruitworm), Bollworms and Flowers Light Brown Apple Moth 1.0 to 2.0 Stone Fruit:e Peaches, Nectarines, Twig Borer, Navel Orangeworm, European 1.0 to 2.0 Plums, Prunes, Grapevine Moth<sup>h</sup>, Light Brown Apple Moth Cherries Tree Nuts: e Twig Borer, Codling Moth, Gypsy Moth, Navel Almonds, Filberts, Orangeworm, European Grapevine Moth<sup>h</sup>, 1.0 to 2.0 Walnuts, Pecans Light Brown Apple Moth Twig Borer, Codling Moth, Gypsy Moth, Navel Pistachios<sup>e</sup> Orangeworm, European Grapevine Moth<sup>h</sup>, 1.0 to 2.0 Light Brown Apple Moth Armyworms, Loopers, Diamondback Moth, Greenhouse Vegetables: Fruitworms, Hormworms, Budworms, 0.5 to 2.0 Tomatoes, Cole Crops, Bollworms Light Brown Apple Moth Peppers 1.0 to 2.0 Grapeleaf Skeletonizer, European Grapevine Grapes 1.0 to 2.0 Moth<sup>h</sup>, Light Brown Apple Moth European Corn Borer, Corn Earworm, 1.0 to 2.0 Bollworms Corn Light Brown Apple Moth 1.0 to 2.0 Armyworms, European Grapevine Moth<sup>h</sup>, Light Terrestrial small fruits Brown Apple Moth, Corn Earworm, Bollworms, 1.0 to 2.0 and berries Tobacco Budworm European Grapevine Moth<sup>h</sup>, Light Brown Apple 1.0 to 2.0 Pomegranate Tropical/Sub-tropical

European Grapevine Moth<sup>h</sup>, Light Brown Apple

Moth

1.0 to 2.0

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Fruit, Papaya,

Avocado, Guava,

Lychee, Sugar Apple

<sup>&</sup>lt;sup>a</sup>Under Heavy infestation pressure, use 1.5-2.0 lbs./A. The 0.25-0.5 lb./A rate can be used to control light infestations of newly-hatched larvae.

<sup>&</sup>lt;sup>e</sup>Make two applications at early bloom and again at petal fall. Good coverage is essential

<sup>&</sup>lt;sup>h</sup>Apply at blackhead egg stage or when larvae are newly hatched before leaves are rolled or larvae have entered fruit. Continue applications as necessary for larval control.

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Crop	Pest	Lbs. Agree® WG Per Acre <sup>a</sup>
Cranberries <sup>f</sup>	Gypsy Moth, Spanworm, False Armyworm, Cutworm, Blossom Worm, Euopean Grapevine Moth <sup>h</sup> , Light Brown Apple Moth, Corn Earworm (Tomato Fruitworm), Bollworms	1.0 to 2.0
Cucurbits	Rindworm Complex (Loopers, Armyworms, Diamondback Moth), Melonworms, Corn Earworm (Tomato Fruitworm), Bollworms	0.5 to 2.0
	Light Brown Apple Moth	1.0 to 2.0
Potatoes	Loopers, Armyworms, Diamondback Moth, Light Brown Apple Moth, Corn Earworm(Tomato Fruitworm), Bollworms	1.0 to 2.0
Soybeans <sup>c</sup>	Soybean Looper, Armyworms, Velvetbean Caterpillar, Corn Earworm, Bollworms (Podworms), Loopers	Light Pressure: 0.25 to 0.5 <sup>d</sup> Moderate Pressure: 0.5 to 1.5 High Pressure: 1.5 to 2.0
	Light Brown Apple Moth	1.0 to 2.0
Pome Fruit: Apples, Pears	Codling Moth <sup>e</sup> , Pandemis Leaf Roller <sup>g</sup> , Tufted Apple Bud Moth, Red Banded Leafroller, Oblique Banded Leafroller, European Grapevine Moth <sup>h</sup> , Light Brown Apple Moth	1.0 to 2.0
Alfalfa and other forage crops	Armyworms, Alfalfa Caterpillar, Loopers, Light Brown Apple Moth, Corn Earworm (Tomato Fruitworm), Bollworms	1.0 to 2.0
Citrus: Oranges, Grapefruit, Tangerine	Orangedog, Citrus cutworm, Light Brown Apple Moth	1.0 to 2.0

<sup>&</sup>lt;sup>a</sup>Under Heavy Infestation pressure, use 1.5-2.0 lb/A. The 0.25-0.5 lb/A rate can be used to control light infestations of newly hatched larvae.

<sup>&</sup>lt;sup>c</sup>Apply on a 3 to 7 day schedule to suppress light to moderate populations of small, newlyhatched larvae.

dImproved control can be achieved by tank-mixing Agree® WG with other EPA-Registered insecticides. When using a tank-mix, use lower Agree® WG rates (0.25-0.75 lb./A). Treat when eggs and/or newly-hatched larvae are found. To maintain control, repeat applications, targeted against eggs and small larvae, as necessary.

<sup>&</sup>lt;sup>e</sup>Make two applications at early bloom and again at petal fall. Good coverage is essential.

Apply in a minimum of 15 gallons of water per acre for ground applications and up to 400 gallons of water per acre for chemigation.

<sup>&</sup>lt;sup>9</sup>Make applications at pink stage, full bloom, and petal fall; also at egg laying stage for second generation and 4-7 days later.

<sup>&</sup>lt;sup>h</sup>Apply at blackhead egg stage or when larvae are newly hatched before leaves are rolled or larvae have entered fruit. Continue applications as necessary for larval control.

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Crop	Pests	Lbs. Agree® WG Per Acre <sup>a</sup>
Sugar beets, Radish and other Root Crops, Leaves of Root and	Armyworms, Cross-Striped Cabbage Worm, Diamondback Moth, Hornworms, Imported Cabbage Worm, Loopers, Corn Earworm, Bollworms	0.5 to 2.0
Tuber Vegetables	Light Brown Apple Moth	1.0 to 2.0
Herbs and Spices	Armyworms, Diamondback Moth, Imported Cabbageworm, Loopers	0.5 to 2.0
	Light Brown Apple Moth	1.0 to 2.0
Peanuts	Armyworms, Velvetbean Caterpillar, Podworms, Loopers, Light Brown Apple Moth, Corn Earworm, Bollworms	1.0 to 2.0
Peppermint, Spearmint	Armyworms, Cutworms, Loopers, Light Brown Apple Moth	1.0 to 2.0
Artichokes	Artichoke Plume Moth, Light Brown Apple Moth	1.0 to 2.0
Bulb Vegetables: Onions, Garlic	Armyworms, Diamondback Moth, Hornworms, Imported Cabbageworm, Loopers, Light Brown Apple Moth	1.0 to 2.0
Coffee	Banana Moth	0.25 to 2.0
	Light Brown Apple Moth	1.0 to 2.0
Olives	European Grapevine Moth <sup>h</sup>	0.25 to 2.0
Olives	Light Brown Apple Moth	1.0 to 2.0

<sup>&</sup>lt;sup>a</sup>Under Heavy infestation pressure, use 1.5-2.0 lbs./A. The 0.25-0.5 lbs./A rate can be used to control light infestations of newly hatched larvae.

## STORAGE AND DISPOSAL

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

Pesticide Storage: Store at temperatures below 104°F.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of onsite or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

<sup>&</sup>lt;sup>h</sup>Apply at blackhead egg stage or when larvae are newly hatched before leaves are rolled or larvae have entered fruit. Continue applications as necessary for larval control.

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Agree® WG, EPA Reg. No. 70051-47 Revises: 2016-08-25 NOTIF, 2010-11-24 ESL

## **WARRANTY**

Certis USA LLC warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the pest problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.

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