

66330-367

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



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

OCT 18 2013

Rodney Akers  
Regulatory Manager  
Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

Subject: Amended label to add Use on Red Imported Fire Ants  
EPA Reg. No. 66330-367  
Submissions dated June 3, 2013

Dear Mr Akers:

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit two copies of your final printed label before you release the product for shipment. Products shipped after 18 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

A stamped copy is enclosed for your records. If you have any questions, please contact Marianne Lewis at (703) 308-8043 or [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Regards,

A handwritten signature in black ink that reads "Venus Eagle". The signature is fluid and cursive, with a long horizontal line extending to the right.

Venus Eagle, PM 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

**RESTRICTED USE PESTICIDE**

Toxic to Fish and Aquatic Organisms

For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by certified applicator's certification.



Arysta LifeScience

ACCEPTED

10/18/13

GROUP	4A	INSECTICIDE
GROUP	3	INSECTICIDE

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

**ALOFT™ GC G**  
INSECTICIDE

EPA. Reg. No: 66330-367

For contact and systemic insect pest control in turf and landscape ornamentals on golf courses, lawns and landscape ornamentals around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, athletic fields, and sod farms.

**DO NOT USE THIS PRODUCT ON GOLF COURSES AND SOD FARMS IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK.**

**INGREDIENTS**

By wt.

**Active Ingredients:**

Clothianidin*	0.250%
Bifenthrin**	0.125%
<b>Other Ingredients</b>	<b>99.625%</b>
<b>Total</b>	<b>100.000%</b>

\* (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine.

\*\* 2-methylbiphenyl-3-ylmethyl (1RS,3RS)-3-[(Z)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate (cis isomers 97% minimum, trans isomers 3% maximum)

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See inside booklet for additional precautionary statements

EPA Registration No. 66330-367

EPA Est. No.

**FIRST AID**

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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 ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further 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 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>

**NOTE TO PHYSICIAN:** This pesticide contains a pyrethroid. If significant quantities have been swallowed, promptly eliminate the ingested quantities from the stomach and intestines. Treatment is symptomatic and supportive. Alcohol, milk, cream, and other digestible fats and oils should NOT be administered as they may increase absorption.

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**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: CALL PROSAR at 1-866-303-6952.**

**Produced for:**

Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

**For Product Use Information, call 1-866-761-9397**

**Net Contents:** \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing spray mist or vapor. Avoid contact with skin, eyes or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- shoes plus socks
- chemical-resistant gloves
- protective eyewear

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

**USER SAFETY RECOMMENDATIONS**

Users should:

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

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur.

This product is toxic to bees exposed to treatment and for more than 5 days following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state or federal authorities.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any 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

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agency responsible for pesticide regulation.

[Language in brackets within the Directions For Use is optional text specific to the State of California.]

**RESTRICTIONS**

Apply using ground equipment only; do not apply by air.

Do not apply within a 25 foot radius of the following: Lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after applications.

Do not apply on the following: Commercial nurseries, commercial greenhouses, and grass grown for seed.

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during rain.

**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, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry into 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
- Shoes plus socks
- Chemical-resistant gloves

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in the box apply to use 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 produce agricultural plants on farms, and forests.

Keep children and pets off treated area until the dust has settled.

**USE INFORMATION**

**ALOFT™ GC G** is a broad spectrum, long lasting contact and systemic insecticide for control of listed insects infesting turfgrass, sod and ornamentals in landscapes and surrounding areas. **ALOFT GC G** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries and arboretums. **ALOFT GC G** can be used on commercial sod farms.

**RESISTANCE MANAGEMENT**

The active ingredients in **ALOFT GC G** are clothianidin, a Group 4A insecticide, and bifenthrin a Group 3 insecticide. Insect biotypes with acquired resistance to Group 4A or Group 3 insecticides may eventually dominate the insect population if Group 4A or Group 3 insecticides are used alone or repeatedly in the same site or in successive years as the primary method of control for targeted species. **ALOFT GC G** contains two active ingredients with different modes of action and provides a recognized built in insecticide resistance management strategy to minimize the development of insecticide resistance in insect pests.

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To delay insecticide resistance in insects that are at risk of developing resistance to insecticides consider:

- Avoid the consecutive use of insecticides in the same group on the same insect species.
- Use tank-mixtures or pre-mixes of insecticides from a different target site of action.
- Base insecticide use on a comprehensive IPM program.
- Monitor treated insect populations for loss of field efficacy.
- Contact your State Agricultural Experiment Station, State Extension Specialists, other turf experts and/or Arysta LifeScience North America Corporation for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, you may contact Arysta LifeScience North America Corporation at 1-866-761-9397.

#### **APPLICATION EQUIPMENT**

Apply **ALOFT GC G** uniformly over the area being treated with standard granular application equipment. Use either drop-type or rotary-type spreaders to apply **ALOFT GC G**.

Do not use spreaders that apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately. In order to insure continuing delivery of the correct amount of **ALOFT GC G** further adjustments to the settings should be made periodically during application.

#### **APPLICATION INSTRUCTIONS – TURFGRASS, LAWNS, AND LANDSCAPED AREAS**

**ALOFT GC G** can be used for broad spectrum insect control in turfgrass and lawns. **ALOFT GC G** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries and arboretums.

**ALOFT GC G** has sufficient contact and residual activity to provide high levels of control. The need for an application can be based on historical monitoring of the presence of or anticipated occurrence of individual or multiple insect pest species, the site, previous records or experiences, current season adult trapping or other methods. Optimum control of white grubs will be achieved when applications are made just prior to egg laying or to early instar larvae of target pests, followed by sufficient irrigation or rainfall to move the active ingredient into the zone where the insect pests are active. Applications made in advance of egg laying or to areas being damaged by existing white grubs or scavenging animals will be controlled with an application of **ALOFT GC G** anytime white grubs are active. Multiple applications can be made each growing season but do not use more than 160 lb of product (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre per year as a broadcast application. Note: You may also use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

**ALOFT GC G** can be applied to turf at 80 - 160 lb per acre per year (1.8 – 3.6 lb/1,000 sq ft). The rate is dependent on the target pest(s), their stage of development and the desired level of control. Optimum control of white grubs (larvae) will be achieved when applications are made just prior to or just after peak egg laying. Higher rates should be used when long residual control is desired for control of multiple insect pests or late season curative (rescue) applications are made to turf already showing grub damage or damage due to scavenging of animals. Multiple applications can be made but do not exceed the maximum amount per year (160 lb/A or 3.6 lb/1,000 sq ft). Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other turf experts for specific information concerning the timing of applications.

For early season control of listed insect pests (such as annual bluegrass weevil) and for full season control of white grubs, make the first application of **ALOFT GC G** at peak adult activity or when other insect pests reach a damaging population in the spring at a rate of 100 – 160 lb/A (2.3 – 3.6 lb/1,000 sq ft). For control of white grubs at standard application timing, apply 80 – 160 lb/A (1.8 – 3.6 lb/1,000 sq ft) just prior peak adult activity or to early instar larvae.

For listed surface insects, do not water in Aloft GC G until 24 hours after application. If the target insects are in the thatch, lightly water in after application with enough water to wet the thatch zone. Repeat applications up to a total of 160 lb product/A per year (3.6 lb product/A per year) to control additional flushes of insects.

For control of existing grub populations, best results will be obtained if you irrigate after application with enough water to move the insecticide into the zone where the grubs are feeding.

Do not mow turfgrass until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

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TURFGRASS AND LAWNS	
APPLICATION RATE	INSECT PEST
1.8 - 3.6 lb per 1,000 sq ft (80 - 160 lb/A)	Annual Bluegrass Weevil (Adults)/Hyperodes <sup>1</sup> Annual Bluegrass Weevil (Larvae)/Hyperodes <sup>1</sup> Ants <sup>2</sup> , Nuisance (Excluding fire, harvester, pharaoh, and carpenter ants) Armyworms Billbugs <sup>3</sup> Black Turfgrass Ataenius <sup>4</sup> Chiggers Chinch Bugs Cutworms European Crane Fly Grasshoppers Leafhoppers Mole Crickets <sup>5</sup> Pillbugs Sod webworms Sowbugs Spittle bug Sugarcane grub White grubs <sup>6</sup> (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, <i>Phyllophaga</i> spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)
3.2 lb per 1,000 sq ft (137 lb/A)	Ticks <sup>7</sup>
2.3 - 3.6 lb/1,000 sq ft (100 - 160 lb/A)	[Fire Ants, Red Imported] <sup>8</sup>

<sup>1</sup> **Annual Bluegrass Weevil:** Application can be timed for adult weevils as they move from their over-wintering sites into turf. This movement usually begins before or when Forsythia is in full bloom and continues to full bloom of dogwoods. Larvae from adult weevils that escape the application will be controlled with the application directed at adult weevils. Applications made after adult weevil activity will control larvae. Consult your State Cooperative Extension Service for more specific information regarding timing of application. Full season control of white grubs will be obtained with an application of 100 - 160 lb/A targeted towards Annual Bluegrass Weevil/Hyperodes.

<sup>2</sup> Applications of **ALOFT GC G** in the late fall or early spring will reduce populations of nuisance ants, excluding fire, harvester, pharaoh, and carpenter ants. Make an application in the fall before ants stop foraging or after they become active in the spring.

<sup>3</sup> **Billbugs:** Application can be made when adult Billbugs are first observed, usually in April and May in temperate regions. A spring application will also control Billbug larvae. Consult your State Cooperative Extension Service for more specific information regarding timing of application. White grubs will be controlled with an application targeted towards Billbugs.

<sup>4</sup> **Black Turfgrass Ataenius:** Application can be timed to coincide with the first generation of Black Turfgrass Ataenius that usually appears during May. White grubs will be controlled with an application targeted towards Black Turfgrass Ataenius.

<sup>5</sup> **Mole Crickets:** Application should be made during peak adult flight and egg lay. If the soil is dry, irrigate before application to stimulate insect activity and water after application to release the insecticide from the granule carrier.

<sup>6</sup> **ALOFT GC G** will control white grubs anytime applications are made when they are active from

**TURFGRASS AND LAWNS**

early spring to late fall. The residual activity of **ALOFT GC G** is long enough to provide season long control of white grubs when applied for control of early season insects such as Annual Bluegrass Weevil, Billbugs, Nuisance Ants, overwintering White Grubs or other early season insects.

<sup>7</sup> **Ticks (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever):** Treat the entire area where exposure to ticks may occur. Ticks may be reintroduced from surrounding areas on host animals.

**Deer Ticks (Ixodes sp.):** Apply in late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid- to late spring to control larvae and nymphs that reside in the soil and leaf litter.

**American Dog Ticks (Dermacentor sp.):** These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Apply from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

<sup>8</sup> **Imported Fire Ants:** Broadcast applications at 100-160 lb/A will control foraging workers If the soil is not moist, irrigate before application. To activate the granules immediately, water in with a light (0.25 inches) irrigation to release toxicant from the granules.

For mound treatments, use 2.3 – 3.6 lb/1,000 sq ft (use 0.7 oz per mound when applied to a four foot diameter circle) **ALOFT GC G**. This product will work best when the mound has been disturbed and the fire ants are mobile. Then drench in with 1 – 2 gallons of water.

Apply in cool weather (65 - 80° F) or in early morning or late evening hours when most of the foraging workers are in the colony.

**RESTRICTIONS**

- Do not apply more than a total of 160 lb of **ALOFT GC G** (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre per year.
- If the maximum season limit of **ALOFT GC G** has been applied and pest populations require additional treatments, use another pesticide labeled for control of the targeted insects that does not contain clothianidin. You may use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

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Spreader	Granular Spreader Settings		
	2 lb/1,000 sq ft	3 lb/1,000 sq ft	4 lb/1,000 sq ft
Cyclone	3	4	4 ¼
Lely	3 II	4 II	5 II
Lesco	10	15	16
Scotts R8A/SR-1	I	K	L
Spyker	3	3 ½	4 ¼
Vicon	20	22	23

**Note:** Spreader settings are approximate starting points for calibrating equipment.

When treating perimeters of structures, make the application to the ground from 5 - 10 feet adjacent to the structure.

FOR PERIMETER APPLICATIONS TO STRUCTURES									
Appl. Rate: lb/1,000 sq ft	Band Width in Feet	lb of ALOFT GC G/Linear Distance (Feet) Around Structure							
		100	150	200	250	300	400	500	1,000
1.8	5	1.0	1.5	2.0	2.5	3.0	4.0	5.0	10.0
1.8	10	2.0	3.0	4.0	5.0	6.0	8.0	10.0	20.0
2.8	5	1.4	2.0	2.8	3.5	4.2	5.6	7.0	14.0
2.8	10	3.0	4.5	6.0	7.5	9.0	12.0	15.0	30.0
3.6	5	2.0	3.0	4.0	5.0	6.0	8.0	10.0	20.0
3.6	10	3.6	5.4	7.2	9.0	10.8	14.4	18.0	36.0

**NOTE:** This table provides amounts which include the total area to be treated. This area includes the area of a circle whose radius is the bandwidth (this accounts for the area treated at the four corners of the structure) plus the linear distance treated times the bandwidth.



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**APPLICATION INSTRUCTIONS – LANDSCAPE ORNAMENTALS**

**ALOFT GC G** is a broad spectrum, contact and long lasting systemic insect control product for a wide spectrum of insects infesting landscape ornamentals adjacent to turf areas. **ALOFT GC G** can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries and arboretums.

For control of listed surface insects and insects that crawl along the surface of the soil or mulch under ornamentals, best results will be obtained if **ALOFT GC G** is watered in lightly after application to move the insecticide into the areas where insects are active. Water in with enough irrigation or rainfall to move the active ingredient into the zone where the target insects are active. Soil surface applications will provide control of foliage feeding insects; however, optimum control will not be achieved until the active ingredient is taken up by the plant roots and translocated to the area where insects are feeding.

LANDSCAPE ORNAMENTALS			
SOIL SURFACE or MULCH APPLICATION	SOIL INSECT PESTS CONTROLLED	APPLICATION INSTRUCTIONS	
1.8 – 3.6 lb per 1,000 sq ft (80 – 160 lb/A)	<p>Ants, Nuisance (Excluding fire, harvester, pharaoh, and carpenter ants)</p> <p>Beet Armyworm</p> <p>Beetles</p> <p>Black Vine Weevils (Adults)</p> <p>Centipedes</p> <p>Crickets</p> <p>Cutworms</p> <p>Diaprepes (Adults)</p> <p>Earwigs</p> <p>Fall Armyworms</p> <p>Grasshoppers</p> <p>Millipedes</p>	<p>Pillbugs</p> <p>White grubs (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, <i>Phyllophaga</i> spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)</p>	<p><b>ALOFT GC G</b> must be watered in or receive rainfall after application to be activated.</p> <p>Control of leaf feeding insects will be delayed until the insecticide is taken up by the roots and moved into the areas where insects are feeding, usually 2 - 4 weeks.</p> <p>For ornamental trees or non-bearing fruit and nut trees and woody shrubs see below.</p>
SOIL SURFACE or MULCH APPLICATION	ABOVE GROUND INSECT PESTS CONTROLLED	APPLICATION INSTRUCTIONS	
3.0 – 3.6 lb per 1,000 sq ft (132 - 160 lb/A)	<p>Aphids</p> <p>Azalea lace bug</p> <p>Caterpillars</p> <p>Flea Beetles</p> <p>Florida wax scale</p> <p>Glassy winged sharpshooter</p> <p>Gypsy Moth Caterpillars</p> <p>Japanese Beetles (Adults)</p>	<p>Leafhoppers</p> <p>Leafminers</p> <p>Leafrollers</p> <p>Mealybugs</p> <p>Plant Bugs (incl. <i>Lygus</i> spp)</p> <p>Root Weevils (incl. Black Vine Weevils)</p> <p>Scales, Soft</p> <p>Whiteflies</p>	<p>Apply in enough water to wet the root zone of the plants. Control of leaf feeding insects will be delayed until the insecticide is taken up by the roots and moved into the areas where insects are feeding, usually 2 - 4 weeks.</p> <p>For ornamental trees or non-bearing fruit and nut trees and woody shrubs see below.</p>
<b>RESTRICTIONS</b>			
<ul style="list-style-type: none"> <li>Do not apply more than a total of 160 lb of <b>ALOFT GC G</b> (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre per year.</li> <li>If the maximum season limit of <b>ALOFT GC G</b> has been applied and pest populations require additional treatments, use another pesticide labeled for control of the targeted insects that does</li> </ul>			

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**LANDSCAPE ORNAMENTALS**

not contain clothianidin. You may use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

**APPLICATION INSTRUCTIONS – ORNAMENTAL TREES, NON-BEARING FRUIT AND NUT TREES AND WOODY SHRUBS IN LANDSCAPE AREAS ADJACENT TO TURF AREAS.**

**ALOFT GC G** can be used for systemic control of insects with an application on trees in landscapes adjacent to turf areas. **ALOFT GC G** contains clothianidin which is systemic and will be translocated throughout the tree. Treat the area over the root zone of the trees or apply the insecticide around the "root well" of the plant.

**ALOFT GC G** is a systemic product and will be translocated upward into the plant system from root uptake. It must be placed in an area where the roots can absorb the active ingredient. It may take 2 - 4 weeks for the active ingredient to move from the root zone to the areas of the trees. If insect pests are already present and causing damage, consider making a foliar application and then following up with a granule application. Water in after application with enough water to move the insecticide into the root zone of the trees.

**[For states other than California:]**

For trees and shrubs adjacent to turf areas, use 0.4 - 0.8 lb **ALOFT GC G** per inch of cumulative trunk diameter (DBH) of the plant(s). For hedges and shrubs, use 0.5 – 1.0 lb product per ft of height or 5 – 10 lbs product per 10 cumulative ft of height. Before application remove any plastic or other barriers that may prevent the insecticide from reaching the root zone of the plants. For treatment of individual trees or shrubs, broadcast **Aloft GC G** evenly on the soil around the base of the plants within 18 inches of the trunks. Pull back mulch prior to application if mulch is more than 1 inch thick. Irrigate after application with enough water to dissolve granules and move product into the root zone.

**[In California only:]**

[For trees and shrubs adjacent to turf areas, use 0.4-0.8 lb **ALOFT GC G** per inch of cumulative trunk diameter (DBH) of the plant(s). For hedges six feet or less in height use 4.0 lb **ALOFT GC G** per 100 linear feet of hedge. For hedges greater than six feet in height use an additional 1.0 lb per 100 linear feet of hedge for each foot of hedge height over six feet. Before application remove any plastic or other barriers that may prevent the insecticide from reaching the root zone of the plants.]

For Bronze Birch Borers, Flatheaded Borers and other borers (excluding Emerald Ash Borers and Asian Longhorned Beetles): Use a drench treatment around the trunk of the trees when the trees are actively growing. Make an application around the trunk of the trees when the trees are actively growing. Use 0.2 - 0.4 lb **ALOFT GC G** per inch DBH in a 1 - 2 ft area around trunks of the trees.

**RESTRICTIONS**

- Do not apply more than a total of 160 lb of **ALOFT GC G** (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre per year.
- If the maximum season limit of **ALOFT GC G** has been applied and pest populations require additional treatments, use another pesticide labeled for control of the targeted insects that does not contain clothianidin. You may use additional products containing bifenthrin as long as the maximum amount of bifenthrin does not exceed 0.4 lb active ingredient per acre per year.

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### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place away from excessive heat. Do not store near food, feed, fertilizers, seeds, or other pesticides. Keep this product out of reach of children and animals at all times. Store in original container only. Open the product container carefully and after use, seal tightly.

**To contain a spill:** Cover the spilled product to prevent the material from spreading. If the product container is damaged, place the entire container along with the product in a secure receptacle and clearly label the contents.

**PESTICIDE DISPOSAL:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

#### **CONTAINER DISPOSAL:**

**Non-refillable container:** Do not reuse or refill this container.

Paper and plastic bags:

Completely empty bag into application equipment. Then dispose of in a sanitary landfill.

**FOR 24-HOUR CHEMICAL EMERGENCY (Spill, Leak, Fire or Accident) ASSISTANCE:** Call CHEMTREC at 1-800-424-9300.

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**Warranty and Disclaimer Statement**

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. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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