

**TURFGRASS AND LAWNS (cont.)**

7. **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 or host animals.  
**Deer Ticks (Amblyomma):** Apply late fall and early spring to control adult ticks that usually attach 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 spp.):** These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Apply in mid-spring to early fall to control American dog ticks, nymphs and adults.  
**Imported Fire Tick (Haemaphysalis longicornis):** This tick commonly congregates along paths or roadways where humans are likely to be encountered. To activate the granules immediately, water with a light (0.25 inches) irrigation to release the tickout 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 ft diameter circle) ALOFT L.C.G. This product will work best when the mound has been disturbed and the fire tick models. Then drench 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 L.C.G. (0.4 lb of clothianidin ai, 0.2 lb of bifenthrin ai) per acre per year.
- If the maximum season limit of ALOFT L.C.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.

When treating perimeters of structures, make the application to the ground from 0–10 feet adjacent to the structure.

| Appl. Rate<br>Lb/1,000<br>sq ft | Band Width<br>in Feet | Lb of ALOFT L.C.G./Linear Distance (Feet) Around Structure |     |     |     |      |      |     |       |  |  |
|---------------------------------|-----------------------|--|-----|-----|-----|------|------|-----|-------|--|--|
|                                 |                       | 100  | 150 | 200 | 250 | 300  | 400  | 500 | 1,000 |  |  |
| 1.8                             | 5                     | 1  | 1.5 | 2   | 2.5 | 3    | 4    | 5   | 10    |  |  |
| 1.8                             | 10                    | 2  | 3   | 4   | 5   | 6    | 8    | 10  | 20    |  |  |
| 2.8                             | 5                     | 1.4  | 2   | 2.8 | 3.5 | 4.2  | 5.6  | 7   | 14    |  |  |
| 2.8                             | 10                    | 3  | 4.5 | 6   | 7.5 | 9    | 12   | 15  | 30    |  |  |
| 3.6                             | 5                     | 2  | 3   | 4   | 5   | 6    | 8    | 10  | 20    |  |  |
| 3.6                             | 10                    | 3.6  | 5.4 | 7.2 | 9   | 10.8 | 14.4 | 18  | 36    |  |  |

NOTE: The 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.

| Spreader      | 2 lb/1,000 sq ft | Granular Spreader Settings | 3 lb/1,000 sq ft | 4 lb/1,000 sq ft |
|---------------|------------------|----------------------------|------------------|------------------|
| Cyclone       | 3                | 4                          | 4                | 4                |
| Lely          | 3.8              | 4.1                        | 4.1              | 5.8              |
| Lesco         | 10               | 15                         | 16               | 16               |
| Scotts RBSR-1 | 1                | K                          | L                | L                |
| Snyder        | 3                | 3/12                       | 3                | 4                |
|               | 20               | 22                         | 23               | 23               |

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

**APPLICATION INSTRUCTIONS—LANDSCAPE ORNAMENTALS**  
ALOFT L.C.G. is a broad spectrum, contact and long lasting systemic insect control product for a wide spectrum of insects infesting landscape ornamentals adjacent to lawns. ALOFT L.C.G. can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboreta.  
For control of foliar surface insects and insects that crawl along the surface of the soil or multi-trunk ornamentals, water in lightly after application to move the insecticide into the areas where insects are active. Following application, 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 areas where insects are feeding.

| SOL SURFACE or MILCH APPLICATION         | SOL INSECT PEST CONTROLLED   | APPLICATION INSTRUCTIONS  |
|--|--|---|
| 1.8–3.6 lb per 1,000 sq ft (80–160 lb/a) | Ants, Nuisance (excluding fire harvesters, pharaoh, and carpenter ants); European Leafminer; Japanese Beetle; Black Vine Weevils (Adults); Crickets; Culicidans (Dungbeetles/Adults); Larvae; Fall Armyworms; Grasshoppers; Millipedes | PHLAGS White grubs; Japanese Garden Beetle; European Chaffer; Green June Beetle; Japanese Beetle; Northern Masked Chaffer; Phyllophaga spp. (May or June Beetle); Oriental Beetle; Southern Masked Chaffer) |

| SOL SURFACE or MILCH APPLICATION        | LANDSCAPE ORNAMENTALS—ABOVE GROUND INSECT PEST CONTROLLED  | APPLICATION INSTRUCTIONS   |
|---|--|--|
| 3–3.6 lb per 1,000 sq ft (132–160 lb/a) | Aphids; Azzalea leaf hop; Calliphorids; Flea Beetles; Florida white scale; Orange winged chaperbonets (Vine Weevils); Japanese Beetles (Adults); Scale; Soft Winterflies | ALOFT L.C.G. must be watered in or receive rainfall after application to be activated. 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. For trees and woody shrubs see below. |

**RESTRICTION**

- Do not apply more than a total of 160 lb of ALOFT L.C.G. as a broadcast application (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.
- If the maximum season limit of ALOFT L.C.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.

**ADJACENT TO TURF AREAS—ORNAMENTAL TREES, NON-BEARING FRUIT AND NUT TREES, AND WOODY SHRUBS IN LANDSCAPE AREAS**  
ALOFT L.C.G. can be used for systemic control of insects with an application on trees in landscapes adjacent to turf areas. ALOFT L.C.G. contains clothianidin which is systemic and will be translocated throughout the tree or shrub. Treat the area near the root zone of the trees/shrubs or apply the insecticide around the "root neck" of the plant.

ALOFT L.C.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 root zone to the areas of the trees affected. If insect pests are already present and causing damage, consider making a foliar application and then follow up with granule application. Following application, water in after application with enough water to move the insecticide into the root zone of the trees.  
For trees and shrubs adjacent to turf areas use 1.4–0.4 lb ALOFT L.C.G. per cumulative trunk diameter (DBH) of the plant(s). For hedges and shrubs, use 0.5–1.0 lb product per foot of height to 5–10 lb 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 L.C.G. evenly to 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.  
For Borer Bore, Bark Borer, Bark Borer (excluding Emerald Ash Borer) and other Borers (excluding Asian Longhorned Beetle): Make an application around the trunk of the trees when the trees are actively growing. Use 0.2–0.4 lb ALOFT L.C.G. per inch DBH in a 1–2 ft area around the trunk of the trees.  
**RESTRICTIONS**

- DO NOT APPLY more than a total of 160 lb of ALOFT L.C.G. (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.

**STORAGE AND DISPOSAL**  
Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store in a cool, dry place away from explosive 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 waste, use all material in this container by application according to label directions. If wastes cannot be avoided, other remaining product to waste disposal facility or pesticide disposal program (where such programs are run by state or local government 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. Offer for recycling, if available, or dispose of in a sanitary landfill. FOR 24-HOUR CHEMICAL EMERGENCY (Spill, Leak, Fire or Accident) ASSISTANCE: Call CHEMTREC at 1-800-424-9300.

**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.  
**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM ANY AND ALL LIABILITY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVES ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES, NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.**  
**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.**

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**Insecticide**  
**GROUP 3 4A INSECTICIDE**

For contact and systemic insect pest control in lawns and landscape ornamentals around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields. Not for use on sod farms or golf courses.



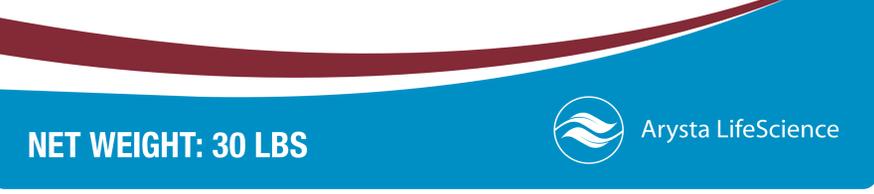
**INGREDIENTS:** By wt.  
**Active Ingredients:**  
Clothianidin\* ..... 0.250%  
Bifenthrin\*\* ..... 0.125%  
Other Ingredients: ..... 99.625%  
Total: ..... 100.00%  
\* (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine  
\*\* 2-methylbiphenyl-3-ylmethyl (1RS,3RS)-3-[(Z)-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (cis isomers 97% minimum, trans isomers 3% maximum)

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

See back panel for First Aid, additional Precautionary Statements and Directions for Use For Product Use Information, call 1-866-761-9397

Produced for:  
**Arysta LifeScience North America, LLC**  
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103409—102213

EPA Reg. No. 66330-368  
EPA Est. No. 70815-GA-001  
AD101813



| FIRST AID                     |   |
|-------------------------------|---|
| <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 swallowed</b>           | <ul style="list-style-type: none"> <li>Call a 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 by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</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>   |
| <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>  |

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

**NOTICE 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 PREPAR at 1-866-303-6952.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION** Causes moderate eye irritation. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dusts and mists. Avoid contact with skin, eyes, or clothes.  
**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 vinyl. If you wear more clothes, 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
- gloves 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**

- 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 take away pesticide from the treatment area. Sweeping any product that ends on a driveway, sidewalk, or street back onto the treated area or into lawns or gardens will prevent runoff to water bodies or drainage systems. Bleeding application equipment over the treated area will help avoid run-off to water bodies or drainage systems. Do not run water from any hose or nozzle that is spraying or dripping. This product is toxic to bees exposed to treatment and for more than 3 days following treatment. Do not apply this product to blooming, pollen-producing or nectar-producing plants of bees during the flowering stage or in the plants during the next 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 the 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 restricted use pesticides, please refer to the label. Contact the company regarding pesticide registration.

**RESTRICTIONS:**  
Do not apply with the following: commercial nurseries, commercial greenhouses, grass grown for seed, golf courses and golf simulators. Keep children and pets out of treated areas until the dust from this application has settled.  
Apply this product directly to the lawn or garden area. Water treatment area as directed on the label. Do not water to the point of runoff.  

- Not use applications during rain.

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 application.  
**DO NOT APPLY** more than a total of 160 lb of ALOFT L.C.G. (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year.  
Apply using ground equipment only; do not apply by air.

**USE INFORMATION**  
ALOFT L.C.G. is a broad spectrum, long lasting contact and systemic insecticide for control of foliar insects infesting lawns and ornamentals in landscapes and surrounding areas. ALOFT L.C.G. can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboreta.

**RESISTANCE MANAGEMENT**  
The active ingredients in ALOFT L.C.G. are clothianidin, a Group 4A insecticide, and bifenthrin a Group 3 insecticide. Insect populations 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 L.C.G. contains two active ingredients with different modes of action and provides a recognized path to insecticide resistance management strategy to minimize the development of insecticide resistance in insect pests.  
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 insecticides on pre-rivets of insecticides from a different target site of action.
- Rotate insecticides in a comprehensive IPM program.
- Monitor treated insect populations for loss of field efficacy.
- Contact your State Agricultural Experiment Station, State Extension Specialists, other lawn experts and/or Arysta LifeScience North America, LLC for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information on to report suspected resistance, you may contact Arysta LifeScience North America, LLC at 1-866-761-9397.

**APPLICATION EQUIPMENT**  
Apply ALOFT L.C.G. uniformly over the area being treated with standard granular application equipment. Use either drop-type or rotary-type spreaders to apply ALOFT L.C.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 L.C.G. further adjustments to the settings should be made periodically during application.

**APPLICATION INSTRUCTIONS—TURFGRASS, LAWNS, AND LANDSCAPE AREAS**  
ALOFT L.C.G. can be used for broad spectrum insect control on lawns. ALOFT L.C.G. can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboreta.  
ALOFT L.C.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, previous records or experience, 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 in spring, followed by 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 applications of ALOFT L.C.G. to the soil surface. Multiple applications can be made each growing season but do not use more than 160 lb of product (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year. 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 L.C.G. can be applied to turf at 1.8–160 lb per acre per year (0.8–3.6 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. Use higher rates when long residual control is desired for control of multiple insect pests or late season crawling (renew) applications are made to larvae 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 of ALOFT L.C.G. (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year or 3.6 lb/1,000 sq ft area).  
Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other lawn experts for specific information concerning the limits of applications.  
For early season control of foliar insect pests (such as annual bluegrass weevil) and for full season control of white grubs, make the first application of ALOFT L.C.G. in peak adult activity or when other insect pests reach a damaging population in the spring at a rate of 100–160 lb per acre (3–3.6 lb/1,000 sq ft). For control of white grubs at standard application timing, apply 90–160 lb per acre (3–3.6 lb/1,000 sq ft) just prior to peak adult activity or to early instar larvae.  
For foliar surface insects, do not water in ALOFT L.C.G. for at least 24 hours after the application. If target insects are in the thatch, lightly water in after application with enough water to wet the thatch zone. For control of armyworms, cutworms and other surface feeders, apply 90–160 lb per acre (3–3.6 lb/1,000 sq ft) at the first sign of insect or pest damage. Repeat applications up to a total of 160 lb product/1,000 sq ft per year (3.6 lb product/1,000 sq ft per year) to control additional flights of insects. Up to a total of 160 lb of ALOFT L.C.G. (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year (3.6 lb/1,000 sq ft area) can be applied.  
For control of nesting grub populations, irrigate after application with enough water to move the insecticide into the zone where the grubs are feeding. Do not mow until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

| APPLICATION RATE                         | TURFGRASS AND LAWNS   | INSECT PEST |
|--|---|-------------|
| 1.8–3.6 lb per 1,000 sq ft (80–160 lb/a) | Annual Bluegrass Weevil/Hyperodes (Adults)<br>Annual Bluegrass Weevil/Hyperodes (Larvae)<br>Ants, Nuisance (Excluding fire, harvester, pharaoh, and carpenter ants)<br>Armyworms<br>Billbugs*<br>Black Turfgrass Athanasia*<br>Chiggers<br>Crunch Bugs<br>Cutworms<br>European Crane Fly<br>Grasshoppers<br>Leafhoppers<br>Mole Crickets*<br>Phragm<br>Soft weevils<br>Spittle bug<br>Sugarcane borer<br>White grub*<br>Japanese Garden Beetle, European Chaffer, Green June Beetle, Japanese Beetle, Northern Masked Chaffer, Phyllophaga spp. (May or June Beetle), Oriental Beetle, Southern Masked Chaffer) |             |
| 3.2 lb per 1,000 sq ft (132 lb/a)        | Ticks*  |             |
| 2.3–3.6 lb/1,000 sq ft (100–160 lb/a)    | Fire Ants, Red Imported**   |             |

\* Annual Bluegrass Weevil: Application can be timed for adult weevils as they move from their overwintering 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/acre targeted towards Annual Bluegrass Weevil/Hyperodes.  
\*\* Applications of ALOFT L.C.G. in the late fall or early spring will reduce populations of nuisance ants including fire, harvester, pharaoh and carpenter ants. Make an application in the fall before ants stop foraging or after they become active in the spring. Make a broadcast application and lightly water in to wet the turf and thatch area where ants are foraging.  
\* 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.  
\* Black Turfgrass Athanasia: Application can be timed to coincide with the first generation of Black Turfgrass Athanasia that usually appears during May. White grubs will be controlled with an application targeted towards Black Turfgrass Athanasia.  
\* Mole Crickets: Apply 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.  
\* White Grubs: Apply when white grubs are active from early spring to late fall. The residual activity of ALOFT L.C.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, and Nuisance Ants, overwintering White Grubs or other early season insects.  
\*\* Not for use in California.

