FORM: 2057-A
NAME: Aloft LC G Insecticide
KIND: Composite Booklet
SPEC: AJ 2834: .25
DATE: 1.7.16

PRODUCT SIZE: 30 lbs
LABEL SIZE: 5-3/4"(w) x 6-1/2"(h) - book closed
11-1/2"(w) x 6-1/2"(h) - book open
6-1/4"(w) x 6-1/2"(h) - base
UCC: (01) 0 06 53204 17910 4

BLACK
CYAN
MAGENTA
YELLOW

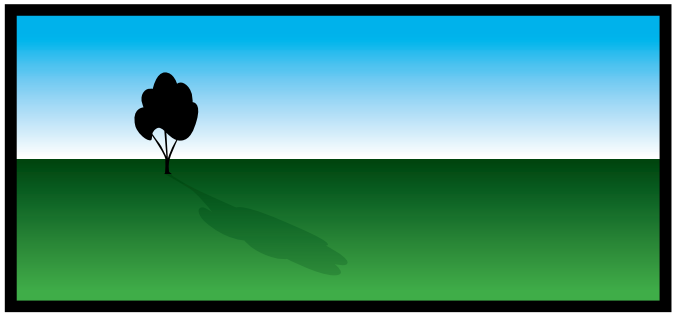
Front

STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO. 9556.124

PROFESSIONAL VALENT PRODUCTS

GROUP	4A	INSECTICIDE
GROUP	3	INSECTICIDE

Aloft® LC G



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.

Active Ingredients	By Wt
Clothianidin*	0.250%
Bifenthrin**	0.125%
Other Ingredients	99.625%
Total	100.000%

* (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine
** (2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclpropanecarboxylate

EPA Reg. No. 59639-215
EPA Est. 70815-GA-001
25218

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT: 30 POUNDS

FPO
(01) 0 06 53204 17910 4

Form 2057-A

6-1/2"

5-3/4"

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 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 by the 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.

If inhaled: Move person to fresh air.
If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
Call a poison control center or doctor for further treatment advice.

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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **800-892-0099** for emergency medical treatment information.

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 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, long pants, shoes plus socks, chemical-resistant gloves and 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 runoff to water bodies or drainage systems. Rinsing application equipment over the treated area will help avoid runoff 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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 agency responsible for pesticide regulation.

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

USE INFORMATION

Aloft® LC G Insecticide is a broad spectrum, long lasting, contact and systemic insecticide for control of listed insects infesting lawns and ornamentals in landscapes and surrounding areas. *Aloft* LC G Insecticide can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

RESTRICTIONS

- Do not apply on the following: commercial nurseries, commercial greenhouses, grass grown for seed, golf courses and sod farms.
- Keep children and pets out of treated areas until the dust from the application has settled.
- 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 runoff.
- Do not make 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* LC G Insecticide (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin active ingredient) per acre per year.
- Do not apply this product, by any application method, to linden, basswood or other *Tilia* species.

RESISTANCE MANAGEMENT

The active ingredients in *Aloft* LC G Insecticide 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* LC G Insecticide 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.

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 premixes 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 local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management or IPM recommendations for the specific site and resistant pest problems.

For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at the following toll free number 800-898-2536.

APPLICATION EQUIPMENT

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

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* LC G Insecticide further adjustments to the settings should be made periodically during application.

APPLICATION INSTRUCTIONS

TURFGRASS, LAWNS AND LANDSCAPED AREAS

Aloft LC G Insecticide can be used for broad spectrum insect control in lawns. *Aloft* LC G Insecticide can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

Aloft LC G Insecticide 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 applications of *Aloft* LC G Insecticide 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 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 LC G Insecticide 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. Use higher rates when long residual control is desired for control of multiple insect pests or late season curative (rescue) applications are made to lawns 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* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year or 3.6 lb/1,000 sq ft/year).

Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other lawn 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* LC G Insecticide at peak adult activity or when other insect pests reach a damaging population in the spring at a rate of 100 - 160 lb per acre (2.3 - 3.6 lb/1,000 sq ft). For control of white grubs at standard application timing, apply 80 - 160 lb per acre (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* LC G Insecticide 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 80 - 160 lb per acre (1.8 - 3.6 lb/1,000 sq ft) at the first sign of insects or insect damage. Repeat applications up to a total of 160 lb product/A per year (3.6 lb product/1,000 sq ft per year) to control additional flushes of insects. Up to a total of 160 lb of *Aloft* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year (3.6 lb/1,000 sq ft/year) can be applied.

For control of existing 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.

5-3/4"
6-1/2"

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

[1] **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/Acre targeted towards Annual Bluegrass Weevil/Hyperodes.

[2] **Applications of *Aloft* LC G Insecticide 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. Make a broadcast application and lightly water in to wet the turf and thatch area where ants are foraging.

[3] **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.

(continued)

TURFGRASS AND LAWNS (continued)

[4] **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.

[5] **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.

[6] **White Grubs:** Apply when white grubs are active from early spring to late fall. The residual activity of *Aloft* LC G Insecticide 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.

[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 on host animals.

Deer Ticks (*Ixodes* sp.): Apply 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.

[8] **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 the 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 ft diameter circle) *Aloft* LC G Insecticide. 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* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb of bifenthrin ai) per acre per year.
- If the maximum season limit of *Aloft* LC G Insecticide 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 5 - 10 feet adjacent to the structure.

FOR PERIMETER APPLICATIONS

Appl. Rate: lb/1,000 sq ft	Band Width in Feet	lb of *Aloft* LC G Insecticide/ 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: 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.

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	4-1/4
Lely	3 II	4 II	5 II
Lesco	10	15	16
Scotts R8A/SR-1	I	K	L
Spyker	3	3-1/2	4-1/4
Vicon	20	22	23

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

APPLICATION INSTRUCTIONS – LANDSCAPE ORNAMENTALS

Aloft LC G Insecticide 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* LC G Insecticide can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

For control of listed surface insects and insects that crawl along the surface of the soil or mulch under 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 area where insects are feeding.

LANDSCAPE ORNAMENTALS – SOIL INSECT PEST

SOIL SURFACE OR MULCH APPLICATION	SOIL INSECT PEST CONTROLLED		APPLICATION INSTRUCTIONS
1.8 - 3.6 lb per 1,000 sq ft (80 - 160 lb/A)	Ants, Nuisance (Excluding Fire, Harvester, Pharaoh, and Carpenter Ants) Beet Armyworm Beetles Black Vine Weevils (Adults) Centipedes Crickets Cutworms *Diaprepes* (Adults) Earwigs Fall Armyworms Grasshoppers Millipedes Pillbugs	White Grubs (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, *Phyllophaga* spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)	***Aloft* LC G Insecticide 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.

LANDSCAPE ORNAMENTALS – ABOVE GROUND INSECT PEST

SOIL SURFACE OR MULCH APPLICATION	ABOVE GROUND INSECT PEST CONTROLLED		APPLICATION INSTRUCTIONS
3 - 3.6 lb per 1,000 sq ft (132 - 160 lb/A)	Aphids Azalea Lace Bug Caterpillars Flea Beetles Florida Wax Scale Glassy-winged Sharpshooter Gypsy Moth Caterpillers Japanese Beetles (Adults)	Leafhoppers Leafminers Leafrollers Mealybugs Plant Bugs (incl. *Lygus* spp.) Root Weevils (incl. Black Vine Weevils) Scales, Soft Whiteflies	***Aloft* LC G Insecticide 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.

(continued)

5-3/4"
6-1/2"

RESTRICTION

- **Do not apply** more than a total of 160 lb of *Aloft* LC G Insecticide 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* LC G Insecticide 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.

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

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

Aloft LC G Insecticide 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 0.4 - 0.8 lb *Aloft* LC G Insecticide per inch of cumulative trunk diameter (DBH) of the plant(s). For hedges and shrubs, use 0.5 - 1.0 lb product per foot 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* LC G Insecticide 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.

For Bronze Birch Borers, Flatheaded Borers (excluding Emerald Ash Borer) and other Borers (excluding Asian Longhorned Beetles): Make an application around the trunk of the trees when the trees are actively growing. Use 0.2 - 0.4 lb *Aloft* LC G Insecticide 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* LC G Insecticide (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 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.
For help with any spill, leak, fire or exposure involving this material, call day or night **(800) 892-0099.**

PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of in a sanitary landfill.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable, THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED.
By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.
Valent shall not be responsible for losses or damages (including,

(continued)

(continued)

but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.
To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty** and **Limitation of Liability,** which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor to the extent allowed by applicable law.
It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Read and follow the most restrictive directions and precautionary language of each product to be used in the tank mix with this product.

5-3/4"
6-1/2"

©2015 Valent U.S.A. Corporation

Aloft is a registered trademark of Valent U.S.A. Corporation

Manufactured for:

Valent U.S.A. Corporation

P.O. Box 8025
Walnut Creek CA 94596-8025

Made in U.S.A.

Form 2057-A
EPA Reg. No. 59639-215
EPA Est. 70815-GA-001

059639-00215.20151208 .Aloft_LC_G.NOTIF

5-3/4"

FORM: 2057-A
NAME: Aloft LC G Insecticide
KIND: Composite Booklet
SPEC: AJ 2834: .25

PRODUCT SIZE: 30 lbs
LABEL SIZE: 5-3/4"(w) x 6-1/2"(h) - book closed
11-1/2"(w) x 6-1/2"(h) - book open
6-1/4"(w) x 6-1/2"(h) - base
UCC: (01) 0 06 53204 17910 4

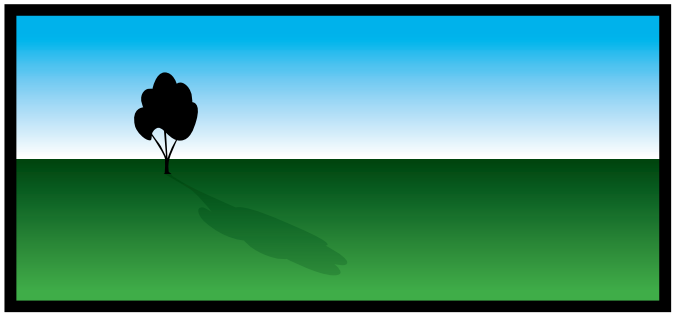
BLACK
CYAN
MAGENTA
YELLOW

Base

GROUP	4A	INSECTICIDE
GROUP	3	INSECTICIDE

PROFESSIONAL VALENT® PRODUCTS

Aloft® LC G



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.

Active Ingredients	By Wt
Clothianidin*	0.250%
Bifenthrin**	0.125%
Other Ingredients	99.625%
Total	100.000%

* (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine
** (2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclpropanecarboxylate

EPA Reg. No. 59639-215
EPA Est. 70815-GA-001
25218

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT: 30 POUNDS

Form 2057-A

6-1/2"

6-1/4"

36.75"
933.45mm

35"
889mm

0.375"
9.52mm

4.25"
107.95mm

13.25"
336.55mm

4.25"
107.95mm

13.25"
336.55mm

0.375"
9.52mm

3"
76.2mm

25"
635mm

2.5"
63.5mm

GROUP	4A	INSECTICIDE
GROUP	3	INSECTICIDE

PROFESSIONAL VALENT® PRODUCTS

Aloft® LG

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.

Active Ingredients	By Wt
Clothianidin**	0.250%
Bifenthrin***	0.125%
Other Ingredients	99.625%
Total	100.000%

* (E)-1-(2-chloro-1,3-thiazol-5-yl)methyl)-3-methyl-2-nitroguanidine
** (2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate

EPA Reg. No. 59639-215
EPA Est. 70815-GA-001

Form 2040-A
25218

NET WEIGHT: 30 POUNDS

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FPO
(01) 0 06 53204 17910 4

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 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 by the 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.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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.

HOTLINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **800-852-0099** for emergency medical treatment information.

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 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, long pants, shoes plus socks, chemical-resistant gloves and 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 runoff to water bodies or drainage systems. Rinsing application equipment over the treated area will help avoid runoff 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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 agency responsible for pesticide regulation.

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

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

RESTRICTIONS
- Do not apply on the following: commercial nurseries, commercial greenhouses, grass grown for seed, golf courses and sod farms.
- Keep children and pets out of treated areas until the dust from the application has settled.
- 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 runoff.
- Do not make 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* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai/acre active ingredient) per acre per year.
- Do not apply this product, by any application method, to linden, basswood or other *Tilia* species.

RESISTANCE MANAGEMENT
The active ingredients in *Aloft* LC G Insecticide 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* LC G Insecticide 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.

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 premixes 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 local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management or IPM recommendations for the specific site and resistant pest problems.

For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at the following toll free number 800-898-2536.

APPLICATION EQUIPMENT
Apply *Aloft* LC G Insecticide uniformly over the area being treated with standard granular application equipment. Use either drop-type or rotary-type spreaders to apply *Aloft* LC G Insecticide.

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* LC G Insecticide further adjustments to the settings should be made periodically during application.

APPLICATION INSTRUCTIONS

TURFGRASS, LAWNS AND LANDSCAPED AREAS
Aloft LC G Insecticide can be used for broad spectrum insect control in lawns. *Aloft* LC G Insecticide can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

Aloft LC G Insecticide 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 applications of *Aloft* LC G Insecticide 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 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 LC G Insecticide 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. Use higher rates when long residual control is desired for control of multiple insect pests or late season curative (rescue) applications are made to lawns 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* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year or 3.6 lb/1,000 sq ft/year).

Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other lawn 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* LC G Insecticide at peak adult activity or when other insect pests reach a damaging population in the spring at a rate of 100 - 160 lb per acre (2.3 - 3.6 lb/1,000 sq ft). For control of white grubs at standard application timing, apply 80 - 160 lb per acre (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* LC G Insecticide 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 80 - 160 lb per acre (1.8 - 3.6 lb/1,000 sq ft) at the first sign of insects or insect damage. Repeat applications up to a total of 160 lb product/A per year (3.6 lb product/1,000 sq ft per year) to control additional flushes of insects. Up to a total of 160 lb of *Aloft* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb bifenthrin ai) per acre per year (3.6 lb/1,000 sq ft/year) can be applied.

For control of existing 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.

TURFGRASS AND LAWNS

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

1 **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.

2 **Applications of *Aloft* LC G Insecticide 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. Make a broadcast application and lightly water in to wet the turf and thatch area where ants are foraging.

3 **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.

4 **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.

5 **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.

6 **White Grubs:** Apply when white grubs are active from early spring to late fall. The residual activity of *Aloft* LC G Insecticide 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.

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 on host animals.

Deer Ticks (*Ixodes* sp.): Apply 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.

8 **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 the 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 ft diameter circle) *Aloft* LC G Insecticide. 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* LC G Insecticide (0.4 lb of clothianidin ai, 0.2 lb of bifenthrin ai) per acre per year.
- If the maximum season limit of *Aloft* LC G Insecticide 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 5 - 10 feet adjacent to the structure.

FOR PERIMETER APPLICATIONS									
Appl. Rate: lb/1,000 sq ft	Band Width in Feet	lb of *Aloft* LC G Insecticide/ 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: 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.

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	4-1/4
Lely	3 II	4 II	5 II
Lesco	10	15	16
Scotts RBA/SR-1	I	K	L
Spyker	3	3-1/2	4-1/4
Vicon	20	22	23

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

APPLICATION INSTRUCTIONS – LANDSCAPE ORNAMENTALS
Aloft LC G Insecticide 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* LC G Insecticide can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, cemeteries, and arboretums.

For control of listed surface insects and insects that crawl along the surface of the soil or mulch under 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 area where insects are feeding.

LANDSCAPE ORNAMENTALS – SOIL INSECT PEST		
SOIL SURFACE OR MULCH APPLICATION	**SOIL INSECT PEST CONTROLLED**	**APPLICATION INSTRUCTIONS**
1.8 - 3.6 lb per 1,000 sq ft (80 - 160 lb/A)	Ants, Nuisance (Excluding Fire, Harvester, Pharaoh, and Carpenter Ants) Beet Armyworm Beetles Black Vine Weevils (Adults) Centipedes Crickets Cutworms *Diaprepes* (Adults) Earwigs Fall Armyworms Grasshoppers Millipedes Pillbugs White Grubs (Asiatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, *Phyllophaga* spp. (May or June Beetle), Oriental Beetle, Southern Masked Chafer)	***Aloft* LC G Insecticide 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.

LANDSCAPE ORNAMENTALS – ABOVE GROUND INSECT PEST			
SOIL SURFACE OR MULCH APPLICATION	**ABOVE GROUND INSECT PEST CONTROLLED**		**APPLICATION INSTRUCTIONS**
3 - 3.6 lb per 1,000 sq ft (132 - 160 lb/A)	Aphids Azalea Lace Bug Caterpillars Flea Beetles Florida Wax Scale Glassy-winged Sharpshooter Gypsy Moth Caterpillars Japanese Beetles (Adults)	Leafhoppers Leafminers Leafrollers Mealybugs Plant Bugs (incl. *Lygus* spp.) Root Weevils (incl. Black Vine Weevils) Scales, Soft Whiteflies	***Aloft* LC G Insecticide 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.

RESTRICTIONS
- **Do not apply** more than a total of 160 lb of *Aloft* LC G Insecticide 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* LC G Insecticide 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.

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

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

Aloft LC G Insecticide 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 0.4 - 0.8 lb *Aloft* LC G Insecticide per inch of cumulative trunk diameter (DBH) of the plant(s). For hedges and shrubs, use 0.5 - 1.0 lb product per foot 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* LC G Insecticide 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.

For Bronze Birch Borers, Flatheaded Borers (excluding Emerald Ash Borer) and other Borers (excluding Asian Longhorned Beetles): Make an application around the trunk of the tree when the trees are actively growing. Use 0.2 - 0.4 lb *Aloft* LC G Insecticide 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* LC G Insecticide (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 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. For help with any spill, leak, fire or exposure involving this material, call day or night **(800) 852-0099.**
PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or dispose of in a sanitary landfill.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable, THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT
The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.
Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY
Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY
To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM
To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.
To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS
Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty** and **Limitation of Liability,** which may not be modified by any oral or written agreement.

TANK MIXES
NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor to the extent allowed by applicable law.
It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Read and follow the most restrictive directions and precautionary language of each product to be used in the tank mix with this product.

©2015 Valent U.S.A. Corporation
Aloft is a registered trademark of Valent U.S.A. Corporation
Manufactured by:
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek CA 94596-8025
Made in U.S.A.
Form 2040-A
EPA Reg. No. 59639-215 EPA Est. 70815-GA-001
059639-00215 20151208 Aloft LC G NOTIF

FORM: 2040-A
NAME: Aloft LC G Insecticide
KIND: Bag (Peel Plastic)
DATE: 12.30.15

PRODUCT SIZE: 30 LBS
FINISHED SIZE: 13.25"(w) x 25.00"(h) x 4.25"(g)
UCC-EAN: (01) 0 06 53204 17910 4

BLACK
Process Cyan
Process Magenta
Process Yellow