Aloft® GC G

FOR CONTACT AND SYSTEMIC INSECT PEST CONTROL IN TURF AND LANDSCAPE ORNAMENTALS ON GOLF COURSES, LAWNS AND LANDSCAPE ORNAMENTALS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, ATHLETIC FIELDS, AND SOD FARMS. DO NOT USE THIS PRODUCT ON GOLF COURSES AND SOD FARMS IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK.

Active Ingredient 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-dimethylcyclopropanecarboxylate

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

NET WEIGHT: 30 POUNDS
FIRST AID

If swallowed:
- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow. GC G insecticide is not toxic unless swallowed. Do not give anything by mouth to an unconscious person.

If inhaled:
- Move person to fresh air.
- If person is not breathing, call 911 or emergency service. See first aid for treatment advice.

If on skin or clothing:
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.

If on skin:
- Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN

In case of contact, call a poison control center or doctor, or go for treatment. You may have to give the amount of this product used.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor for treatment advice. You may also call 800-898-2056 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

This product is toxic to bees exposed to treatment and for more than 24 hours after application. Do not apply when bees are actively foraging or hovering. To delay insecticide resistance in insects that are at risk of developing resistance to this product, select insecticides from different chemical groups and rotate use of these groups as needed to prevent resistance.

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter storm drains, ditches, gullies or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to prevent that wind or rain does not blow or wash pesticide drift off the treated area. Sweep any product that lands on a driveway, sidewalk, or street, before it enters the treated area of the lawn or garden or 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

RESTRICTED USE PESTICIDE

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 190. This standard contains requirements for training, and setting protective work control measures on farms, forests, and handlers of agricultural pesticides. It also contains requirements for avoidance of contamination, decontamination, notification, and emergency assistance. It also contains specific instructions on this label about personal protective equipment (PPE), notification to workers and required entry into the requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

PPE required for early entry into treated areas that is permitted (continued)

Under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Coversalls, shoes plus socks and chemical-resistant gloves.

ENVIRONMENTAL HAZARDS

Aloft® GC G Insecticide is a broad spectrum, long lasting contact and systemic insecticide. It protects from a wide range of insect pests including many beneficial insects. Treatments provide residual control of target pests for up to 12 months. The WPS applies when this product is used to produce agricultural plants on farms, and forests.

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

USE INFORMATION

Aloft® GC G Insecticide is a broad spectrum, long lasting contact and systemic insecticide. It protects from a wide range of insect pests including many beneficial insects. Treatments provide residual control of target pests for up to 12 months. The WPS applies when this product is used to produce agricultural plants on farms, and forests.

Do not use spreaders that apply the material in narrow, concentric 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 ensure correct single application of the correct amount of Aloft® GC insecticide further additional adjustment in the application settings should be made periodically during application.

APPLICATION GUIDELINES – TURFGRASS, LAWNS, AND LANDSCAPED AREAS

Aloft GC G Insecticide can be used as a broad spectrum insect control in turfgrass, lawns and gardens. Aloft GC G Insecticide can be used around residences, business complexes, industrial complexes, air ports, playgrounds, schools, parks and recreation areas, athletic fields, golf courses, cemeteries and arboretums. Aloft GC G Insecticide can be used on non-food soy farms.

RESTRICTIONS

- Apply using ground equipment only; do not apply by air.
- Do not apply within a 25-foot radius of the following: Lakes, reser voir s, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farms.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after applications.
- Do not apply the following: Commercial nurseries, commercial greenhouses, and grass grown for seed.
- Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of runoff.
- Do not make applications during rain.
- Do not apply this product from any application method, to lin den, basswood or other Tilia species.

RESTRISCTIONS

The active ingredients in Aloft GC G Insecticide are clothianidin, a Group 4A insecticide, and bifenthrin, a Group 3 insecticide. Insecticides with integrated resistance management strategies to delay insecticide resistance in insects 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 that are being disturbed by freshly emerging or dispersed adults can be controlled with an application of Aloft GC G Insecticide anytime white grub activity is anticipated. Multiple applications can be made each growing season but do not use more than 160 lbs of product (4 lb of clothianidi n + 6 lb of bifenthrin) per acre per growing season as a broad cast application. Note: You may also use additional products con taining bifenthrin for a maximum of 240 lbs of bifenthrin per acre per year.

Aloft GC 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 tar get pests(s), their stage of development and the desired level of cont rol. Optimum control of white grubs (larvae) will be achieved when applications are made just prior to egg laying or just after peak egg laying. Higher rates should be used when local residual control is desired for control of multiple species of turf pest (such as mole cricket, Japanese beetle). Applications are made to turf already showing grub damage or damage imminent from a current or successive year pests. Higher rates can be made but do not exceed the maximum amount per year (160 lb/acre or 1 lb per 1000 sq ft) for any application of the product. Apply at a rate of 1.8 lb/1,000 sq ft or using the toilet.

For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at the following toll free number 800-898-2056.

APPLICATION EQUIPMENT

Aloft GC G Insecticide is to be applied using ground equipment uniformly across the area being treated with standard granular application equipment. Use either drop-type or rotary-type spreaders to apply Aloft GC G Insecticide.

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APPLICATION INSTRUCTIONS – LANDSCAPE ORNAMENTALS

Alot GC G Insecticide must be watered in or receive rainfall after application to be activated. Control of leaf feeding insects is delayed until the insecticide is taken up by the roots and moved into the areas where insects are feeding, usually 2 to 4 weeks. For ornamental trees or non-bearing fruit trees and woody shrubs see below.

SOIL SURFACE OR MULTICHIP APPLICATIONS

1.8 - 3.6 lb per 1,000 sq ft (80 - 160 lb/A) for the application of 3.6 lb of clothianidin active ingredient, 0.2 lb bifenthrin per acre year.

Restrictions:

• Do not apply more than a total of 160 lb of Alot GC G Insecticide (8.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre a year.

• If the maximum season limit of Alot GC 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 – TURFGRASS AND LANDSCAPE

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

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

For control of existing grub populations, best results will be obtained if you irrigate after application with enough water to wet the thatch lightly after application of clothianidin and bifenthrin. Reapply additional treatments up to a total of 160 lb product/A per year. Repeat applications up to a total of 160 lb product/A per year (3.6 lb Bifenthrin) to control additional flushes of insects.

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For states other than California:

Trees adjacent to turf areas, use 0.4 - 0.8 lb Aloft GC Insecticide per inch of cumulative trunk diameter (IDB) in a 10 ft area around trunks of the trees.

For ornamental trees or non-bearing fruit and nut trees and woody shrubs see below.

Make an application around the trunk of the trees when the trees are actively growing. Use 0.2 - 0.4 lb Aloft GC Insecticide in DBH in a 10 ft 2 area around trunks of the trees.

Restrictions:
- Do not apply more than a total of 160 lb of Aloft GC Insecticide (0.4 lb of clothianidin active ingredient, 0.2 lb bifenthrin) per acre per year.
- If the maximum season limit of Aloft GC Insecticide has been applied and post populations require additional treatments, use another pesticide labeled for the 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.

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 (904) 992-0059.
Pesticide disposal:
Garbage 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.
Complete empty into application equipment.

For trees and shrubs adjacent to turf areas, use 0.4 - 0.8 lb Aloft GC Insecticide per inch of cumulative trunk diameter (IDB) in the plant(s).

For states other than California:

For trees and shrubs adjacent to turf areas, use 0.4 - 0.8 lb Aloft GC Insecticide per inch of cumulative trunk diameter (IDB) of the plants.

For ornamental trees or non-bearing fruit and nut trees and woody shrubs see below.

Apply in enough water to wet the root zone of the plant.
Control of leaf feeding insects will be delayed until the insecticide is taken up by the roots and moved into the tree. Before application remove any plastic or other barriers that may prevent the insecticide from reaching the root zone of the plants. For treatment of individual trees or shrubs, broadcast Aloft GC 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.

In California only:

For trees and shrubs adjacent to turf areas, use 0.4 - 0.8 lb Aloft GC Insecticide per inch of cumulative trunk diameter (IDB) of the plants).

Aloft GC Insecticide is a systemic product and will be translocated throughout the tree. Pull back mulch prior to application if mulch is more than 1 inch thick. Irrigate after application with enough water to dissolve granules and move product into the root zone.

In California only:

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RESTRICTED USE PESTICIDE
TOXIC TO FISH AND AQUATIC ORGANISMS
For retail sale to and use only by Certified Applicators, or persons under their direct supervision and only for those uses covered by Certified Applicator’s Certification.

Aloft® GC G

INSECTICIDE

FOR CONTACT AND SYSTEMIC INSECT PEST CONTROL IN TURF AND LANDSCAPE ORNAMENTALS ON GOLF COURSES, LAWNS AND LANDSCAPE ORNAMENTALS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, ATHLETIC FIELDS, AND SOD FARMS.
DO NOT USE THIS PRODUCT ON GOLF COURSES AND SOD FARMS IN NASSAU COUNTY OR SUFFOLK COUNTY, NEW YORK.

KEEP OUT OF REACH OF CHILDREN
CAUTION—PRECAUCIÓN
SEE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 59639-214
EPA Est. 70815-GA-001
Form 2058-A
25217

Active Ingredient 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-dimethylcyclopropanecarboxylate

NET WEIGHT: 30 POUNDS
**INSECT PEST**

**5.0**

**16**

**3.0**

**3.6**

**2.5**

**5**

**8.0**

**30.0**

**5.4**

**l**

**14.0**

**5.0**

**3.0**

**4-1/4**

**7.5**

**25"**

**0.375"**

**63.5mm**

**30 LBS**

**13.25"(w) x 25.00"(h) x 4.25"(g)**

**REACH OF CHILDREN**

**KEEP OUT OF**

**INSECTICIDE**

Your garden will help to prevent runoff to water bodies or drainage systems. Rinsing application equipment allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

For listed surface insects, do not water in

When other insect pests reach a damaging population in the spring at a rate of 100 - 160 lb/A (2.3 - 3.6 lb/1,000 sq ft).

Alloft your local State Agricultural Experiment Station, State Extension Turf Specialists or other turf experts

The rate is dependent on the target pest(s), their stage of development and the desired level of

Grubs or scavenging animals will be controlled with an application of

GC G Insecticide uniformly over the area being treated with standard granular application

GC G Insecticide can be applied to turf at 80 - 160 lb per acre per year (1.8 - 3.6 lb/1,000 sq ft).

GC G Insecticide can be used around residences, business complexes, industrial complexes, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries and arboretums.

GC G Insecticide contains two active ingredients with different modes of

GC G Insecticide contains clothianidin, a Group 4A insecticide, and
clothianidin, a Group 4A insecticide, and

Bifenthrin, a Group 3 insecticide. Insect biotypes with acquired resistance to Group 4A or Group 3

Tilia species.

For ornamental trees or

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

Foraging workers are in the colony.

European Crane Fly larvae and nymphs that reside in the soil and leaf litter.

For Bronze Birch Borers, Flatheaded Borers and other borers (excluding Emerald Ash Borers and

Aloft

Asian Longhorned Beetles): Use a drench treatment around the trunk of the trees when the trees are

For Mole Crickets:

Aloft

Aloft

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

**NOTE TO PHYSICIAN**

**NON-AGRICULTURAL USE REQUIREMENTS**

**Risks of Using This Product, Limited Warranty**

To the extent consistent with applicable law allowing such requirements, Valent must be provided

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**PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS**

**purchase for a refund of the purchase price.**

**THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of**

**IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited**

**increased expenses of farming the crop or such incidental, consequential or special damages that**

impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to

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**OPENING DIRECTIONS**

Do not apply GC G Insecticide with a hand or mechanical garden sprayer.

Open the product container carefully and after use, seal tightly.

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**STORAGE AND DISPOSAL**

**EPA Reg. No. 59639-214     EPA Est. 70815-GA-001**

**Made in U.S.A.**

**REFERENCES**

1.8 - 3.6 lb per

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