FOR SYSTEMIC INSECT CONTROL IN TURFGRASS, SOD FARMS, LANDSCAPE ORNAMENTALS, INTERIOR PLANTSCAPES AND NON-BEARING FRUITS AND NUTS (IN LANDSCAPES).

KEEP OUT OF REACH OF CHILDREN

CAUTION
SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

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: Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin: 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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE 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 800-922-9999 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selector.

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, impermeable waterproof material such as polyethylene or polyvinyl chloride.

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

ENGINEERING CONTROLS

When handling or using closed systems or enclosed areas in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 [40-]) or the handling of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions in this label about personal protective equipment (PPE), notification to workers and restricted-entry intervals. The requirements in this box only apply to users of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted-entry interval (RED) of 12 hours. PPE required for entry into treated areas that are permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water in: coveralls, socks and shoes, chemical-resistant gloves and any waterproof material.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply: where runoff is likely to occur. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or waste.

This product is toxic to birds exposed to direct treatment or residues on handling crops. Do not apply during bloom or when bees are present.

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 FOR USE 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, contact the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard. This standard contains requirements for the protection of agricultural workers on farms. Forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions on this label about personal protective equipment. Notification to workers and restricted-entry intervals. The requirements in this box only apply to users of this product that are covered by the WPS. Do not enter or allow entry into treated areas during the restricted-entry interval (RED) of 12 hours. PPE required for entry into treated areas that are permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water in: coveralls, socks and shoes, chemical-resistant gloves and any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in the box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and commercial greenhouses. Keep children and pets of treated area until the dust has settled.

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 the 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, loss of control of 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.

(continued)

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, pests, plant diseases, 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 application of this product, natural practices or the manner of use or application, or a combination of such factors all of which are factors beyond the control of Valen. 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, THE BUYER WAIVES ANY CLAIM THAT ALL SUCH RISKS ASSOCIATED WITH THE PRODUCT AND USE ARE ASSUMED BY THE BUYER.

Valen shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming, or loss of crops 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

Valen 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, Valen MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valen or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitations 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 rates, 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 VALEN OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES OF ANY KIND, WHETHER ARISING OUT OF OR IN CONNECTION WITH THE USE OR HANDLING OF THIS PRODUCT IS THE REMEDY OF RETURNING THE UNOPENED PRODUCT WITHIN 15 DAYS OF PURCHASE FOR A REFUND OF THE PURCHASE PRICE. THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALEN OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES OF ANY KIND, WHETHER ARISING OUT OF OR IN CONNECTION WITH THE USE OR HANDLING OF THIS PRODUCT IS THE REMEDY OF RETURNING THE UNOPENED PRODUCT WITHIN 15 DAYS OF PURCHASE FOR A REFUND OF THE PURCHASE PRICE.
RESISTANCE MANAGEMENT
Arenas® 0.25 g Insecticide® contains a Group 4A insecticide. Insect biotypes with acquired resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly in the same field or on successive crops. The primary method of control for target species may result in partial or total loss of control of those species by Arenas 0.25 g Insecticide® or other Group 4A.
To delay insecticide resistance consider:
- Avoiding the consecutive use of Arenas 0.25 g Insecticide® or other Group 4A insecticides that have a similar target site of action on the same insect species.
- Using tank mixtures or premixes with insecticides from a different target site of action Group 4A as long as the involved products are all registered for the same use and have different sites of action.
- Releasing insecticide resistance management (IRM) programs.
- Monitoring treated insect populations for loss of field efficacy.
- Consulting a local extension specialist, certified crop advisor, or manufacturer for insecticide resistance management (IRM) recommendations for the specific site and resistant pest problems.
- For further information or to report a suspected resistance, contact Valent U.S.A. Corporation at 800-328-6259.

INFORMATION
Arenas 0.25 g Insecticide® is a broad spectrum insecticide, for control of listed insects infesting turfgrass, soy farms, landscape ornamentals, interior plantscapes and non-bearing fruit trees (including apple and pear) and nut trees (in landscapes). When applied as directed, Arenas 0.25 g Insecticide® provides excellent and long residual insect control.

RESTRICTIONS
- Do not use a foliar application of clothianidin (Arenas 0.25 g Insecticide®) following a soil application of clothianidin.
- Do not apply more than a total of 10 lbs. of Arenas 0.25 g Insecticide® (0.6 lb. a.i.) per acre per season,
- If the maximum season limit of clothianidin as mentioned above has been applied and past populations require additional treatments, use another registered pesticide that is not in the neonicotinoid class of chemistry.

PLANT TOLERANCE
Neither the manufacturer nor the seller has determined whether or not Arenas 0.25 g Insecticide® can be used safely on all cultivars of plants listed on the label. Arenas 0.25 g Insecticide® has been tested on many cultivars with no phytotoxicity observed at label rates. Since all plant species and their varieties and cultivars have not been tested for tolerance, it is recommended that a small number of plants be treated to make certain that no phytotoxicity occurs, prior to any large scale application to plants. The end user assumes all risks arising from application of Arenas 0.25 g Insecticide® in a manner inconsistent with its labeling. Are- nas 0.25 g Insecticide® can be blended just prior to application or co-applied with other crop management tools. However, all plant species and their varieties and cultivars have not been tested with possible blended or co-applied combinations or sequential pesticide treatments. The user must conduct a small scale compatibility and phytotoxicity trial under local conditions to ensure compatibility prior to any large-scale use.

COMMERCIAL AND RESIDENTIAL LANDSCAPE USES
Arenas 0.25 g Insecticide® is for use on landscape ornamentals, interior plantscapes and non-bearing fruit trees (including apple and pear) and nut trees (in landscapes).
Arenas 0.25 g Insecticide® should be applied when threshold populations are observed. Do not wait until large insect populations have been established.
Apply to established plants. For control of pests on established plants, irrigate the treated area thoroughly.
Choose lower rates for light infestations and/or smaller plants and higher rates for heavy infestations and/or larger plants.

APPLICATION METHODS:
Arenas 0.25 g Insecticide® is a systemic and soil active insecticide when applied to the soil.
Residential Landscapes and In-ground Plants: For flower beds, broadcast Arenas 0.25 g Insecticide® evenly over the top of plants. For treatment of individual shrubs or trees, broadcast Arenas 0.25 g Insecticide® evenly on soil around base of plant within 12 inches of the trunk. 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 root zone.

RESTRICTIONS
- Do not apply more than a total of 160 lbs. Arenas 0.25 g Insecticide® (24 lb. active ingredient clothianidin) per acre per season.

| Pests Controlled by Arenas 0.25 g Insecticide® in Landscapes Ornamentals, Interior Plantscapes and Non-bearing Fruit Trees (Including Apple and Pear) and Nut Trees (in Landscapes) |
|---|---|
| Adelgids including | Avalos Cirsium |
| Hemlock Woolly | Root Weevils (tartan) |
| Fungus (Stem and | Sawflies including |
| tree) | Black Vine |
| Glassy-winged | Clouded Leaftier |
| Sharpshooter | Spotted Aphis |
| Leafhoppers | Leaf Hoppers |
| Leaftoppers | Leaf Honeybees |
| Larvae of including | Leaf Beetles |
| Sawfly | Limacodidae |
| Whiteflies including | Long-tailed |
| Slender | Leaf Beetles |
| Strepsiptera | Miterblatt |
| Cicadae | Owl Bugs |
| Stink Bugs | Pink Hibiscus |
| Spiders including | Pests including |
| Eriophyidae | Asian Beetle |
| Ants including | Red Weevils (tree) |
| Scales (soft) | White Grubs |
| Thrips including | Soldier Beetle |
| Cilicidae | Western Flower Thrips |
| Diptera | (thrips) |
| Heteroptera | White Grubs |
| Hymenoptera | White Grubs |

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.
Read and follow the entire label of each product to be used in the tank mix with this product.

5.5° 5.5°
SOIL APPLICATION TO INTERIORSCAPES, LANDSCAPES, NON-BEARING FRUIT AND NUT TREES

For systemic insect control on ornamental plants grown in-ground and outdoor landscapes (commercial, industrial, recreational and residential)

Crops

Ornamental Plants

Apply 0.25 g Insecticide

Insecticide Rates

Broadcast Application in Herbaceous Flower Beds and Ground Covers

Apply 3.6 lb/a/100 ft sq of bed

Special Instructions

Strawberries

0.5 to 1.0 lb of height

5 to 10 lbs per 18 cumulative ft of height

Trees

0.5 to 1.0 lb of trunk diameter of breast height (DBH)

For multi-stem trees, base rate on cumulative inches of diameter of all stems at breast height.

Broadcast application may not be effective in trees and shrubs.

TURFGRASS

Area 0.25 g Insecticide can be used as directed on grass grown in industrial, commercial and residential landscapes such as, airports, athletic fields, cemeteries, commercial golf sites, golf courses, home lawns, parks and playgrounds.

Area 0.25 g Insecticide has sufficient residual activity to provide high levels of control when applications are made preceding or during the egg laying activity of the target pests. The need for an application can be based on visual monitoring of the site, previous records or experiences, current season adult trapping or other methods. Follow applications with sufficient irrigation or rainfall to move the active ingredient through the thatch.

Area 0.25 g Insecticide can be applied to turf at 80 to 160 lbs per acre. The rate is dependent on the target pest, its stage of development and the desired of control. Multiple applications can be made but do not exceed the maximum amount per year (160 lbs/acre). Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other turf experts for specific information concerning the timing of applications. When targeting multiple pests, make applications to target pest(s) egg stage(s) only. The high end of the rate range may be needed if extended control of secondary pests is desired.

Apply Area 0.25 g Insecticide as a broadcast application to turfgrasses for control of targeted pests. Use a calibrated spreader to uniformly broadcast Area 0.25 g Insecticide over the treatment area. Do not mow turfgrasses until after application or rainfall has occurred to allow for the uptake and distribution of Area 0.25 g Insecticide in soil and turfgrasses.

APPLICATION ON TURFGRASS

PESTS

Annual Bluegrass

Wheatgrass

Barnyardgrass

Bluegrass

Avena

(4 ft stalks)

Black Turfgrass

Avena

(4 ft stalks)

Phyllostachus spp.

(May or June Beelte)

Sphagnum

White Grubs

including

Asparagus Sedge

Beetle

European Chafer

Green-Brown Beetle

Japanese Beetle

Northern Masked Chafer

Eastern Beetle

Southern Masked Chafer

ARMYWORMS

Crickets (suppression)

120 to 160 lbs/A

(0.3 to 0.6 lb aI/A)

Cranberry: Apply in the spring, when larvae are mature but prior to pupation or in the fall prior to egg hatch. Other pests: Apply when pests first appear

MOLE CRICKETS

160 lbs/A

(0.6 lb aI/A)

Time application to peak egg lay or early instars.

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Do not contaminate water, food or feed by storage and disposal. Store in a dry place away from excessive heat. Do not store near food or feed. Store in original container only.

PESTICIDE DISPOSAL

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

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty the bag into granular application equipment. Then dispose of the empty bag by disposing in a sanitary landfill, or by other procedures allowed by state and local ordinances.

Copyright 2010 by Valent U.S.A. Corporation

Area is a registered trademark of Sumitomo Chemical Company, Ltd.

Do not harvest fruit and nuts from treated trees within one year of application.

Do not harvest fruit and nuts from treated trees within one year of application.

Do not harvest fruit and nuts from treated trees within one year of application.
Manufactured for
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek CA 94596-8025
Made in U.S.A.
Form 1731-C
059639-00157.20090723.ARENA 0.25G.FINAL.doc
EPA Reg. No. 56639-157
EPA Est. No. 39578-TX-01D, 87545-AZ-01D
Superscript is first letter in lot number.
**Arena**

FOR SYSTEMIC INSECT CONTROL IN TURFGRASS, SOD FARMS, LANDSCAPE ORNAMENTALS, INTERIOR PLANTS CAPES AND NON-BEARING FRUITS AND NUTS (IN LANDSCAPES).

Active Ingredient: By Wt.
*Clothianidin* .......................... 0.25%

Other Ingredients ..................... 88.75%

Total .................................. 100.00%

*{(1S,2R)-2-chloro-1,2-dihydro-6-
  methyl)-3-methyl-2-nitroguanidine.}

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**NET WEIGHT: 30 POUNDS**
Proof Approval
If you have any questions, please contact
ART DEPARTMENT
PHONE: 406.863.3600
FAX: 406.862.3544

Total Label USA LLC
Your Total Label Solution.

Booklet
Please email artwork to:
art@totallabel.com
500 Label Lane
Whitefish, MT 59937

DATE
01/20/09
ATTENTION
Lynda Conlow
COMPANY
Valent USA

LABEL DESCRIPTION
Arena .25 G 30lb. Booklet • Form 1731-B • Base
COLORS
348 Green, Cyan, Magenta, Yellow, Black
FINISH
Lamination
STOCK
White BOPP
ADHESIVE
Permanent

Please examine carefully the information on this Proof Approval. The content and accuracy of this information is your responsibility. Your labels will be printed exactly as you specify on this Proof Approval. Please verify and sign this Proof Approval. No production will begin without signed approval.

APPROVED AS IS
Signature of Authorized Customer Representative
Date

CHANGES
Signature of Authorized Customer Representative
Date

GROUP 4A INSECTICIDE

Arena

0.25G INSECTICIDE

FOR SYSTEMIC INSECT CONTROL IN TURFGRASS, SOD FARMS, LANDSCAPE ORNAMENTALS, INTERIOR PLANTS AND NON-BEARING FRUITS AND NUTS (IN LANDSCAPES).

INGREDIENTS
Active Ingredient By Wt.
Clothianidin 0.27%
Other Ingredients Total 99.73%

*E1-1-(2-chloro-1,3-thiazol-5-ylnethyl) 3-methyl-2-nitroanilidine.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT: 30 POUNDS

FORM 1731-B

14206_07057
Job Number

Color proofs are not true representations of color.
Use for color breaks only.
ARENA

0.25G INSECTICIDE

FOR SYSTEMIC INSECT CONTROL IN TURFGRASS, SOD FARMS, LANDSCAPE ORNAMENTALS, INTERIOR PLANTSCAPES AND NON-BEARING FRUITS AND NUTS (IN LANDSCAPES).

INGREDIENTS

Active Ingredient: By Wt.
*Clothianidin, .................. 0.33%
Other Ingredients .................. 99.67%
Total: .................. 100.00%

* (E1)-1-(1,3-chloro-1,3-dimethylbenzene-3-yl)methyl)-3-methyl-2-nitroguanidine.

EPA Reg. No. 59128-157
EPA Est. 90597-TX-0000, 0745-AZ-010

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSIDE BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT: 30 POUNDS
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 to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or 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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE 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 1-800-892-0099 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

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

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

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsates.

This product is toxic to bees exposed to direct treatment or residues on blooming crops. Do not apply during bloom or when bees are present.

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

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

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance.

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

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

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water: coveralls, socks, shoes, chemical-resistant gloves made of any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in the box apply to use of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and commercial greenhouses.

Keep children and pets off treated area until the dust has settled.
GENERAL INFORMATION
Arena® 0.25 G Insecticide is a broad spectrum, long lasting systemic insect control product for a wide spectrum of insects infesting turfgrass, sod farms, landscape ornamentals, interior plantscapes and non-bearing fruits and nuts (in landscapes). Non-bearing fruits and nuts are plants that do not bear edible fruits and nuts for at least 12 months after application of pesticides. Arena 0.25 G can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries, arboreta, non-production greenhouses, and other non-production turf and ornamental sites. Arena 0.25 G can be used on commercial sod farms.

GENERAL RESTRICTIONS AND LIMITATIONS
1. Regardless of formulation or type of application (soil or foliar), DO NOT apply more than a total of 0.4 lbs active ingredient (clothianidin) per acre.
2. If the maximum season limit of clothianidin (0.4 lbs/acre) has been applied and pest populations require additional treatments, use another registered pesticide labeled for the target pest.

RESISTANCE MANAGEMENT
The active ingredient in Arena 0.25 G is clothianidin which is a Group 4A insecticide. Insect biotypes with acquired resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Arena 0.25 G or other Group 4A insecticides. Other active ingredients in Group 4A include imidacloprid, thiamethoxam, acetamiprid and dinotefuran.

To delay insecticide resistance in insects that are at risk of developing resistance to insecticides consider:
• Avoiding the consecutive use of other Group 4A insecticides on the same insect species.
• Using tank-mixtures with insecticides from a different target site of action group as long as both products are registered for the same use.
• Basing insecticide use on a comprehensive IPM program.
• Monitoring treated insect populations for loss of field efficacy.
• Contacting your State Agricultural Experiment Station, State Extension Specialists, or other turf and ornamental experts and/or Valent U.S.A. Corporation for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
• For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at 1-800-882-5368.

PLANT TOLERANCE
Neither the manufacturer nor the seller has determined whether or not Arena 0.25 G can be used safely on all cultivars of plants listed on the label. Arena 0.25 G has been tested on many cultivars with no phytotoxicity observed at label rates. Since all plant species and their cultivars have not been tested for tolerance, it is recommended that a small area or number of plants be treated to make certain that no phytotoxicity occurs, prior to any large scale application to plants. The end user assumes all risks arising from application of Arena 0.25 G in a manner inconsistent with its labeling.
DIRECTIONS FOR USE

TURFGRASS

Arena 0.25 G can be used for broad spectrum insect control in Turfgrass. Arena 0.25 G can be used on sod farms, around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries and other similar areas. Arena 0.25 G can be used on commercial sod farms and applicators should follow WPS agricultural use directions.

Arena 0.25 G has sufficient 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. Where multiple pests are present or anticipated, use the highest rates suggested to control the species that are present.

Optimum control of white grubs will be achieved when applications are made just prior to or just after peak egg laying or to early instar larvae of target pests, followed by sufficient irrigation or rainfall to move the active ingredients into the zone where the insect pests are active.

Arena 0.25 G can be applied to turf at 80 – 160 lbs per acre. The rate is dependent on the target pest(s), their stage of development and the desired level of control. Optimum results for grubs (larvae) will be achieved when applications are made just prior to or just after peak egg laying. Higher rates should be used when long residual control is desired or late season curative applications are made to turf already showing grub damage. Multiple applications can be made but do not exceed the maximum amount per year (160 lbs per acre).

Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other turf experts for specific information concerning the timing of applications.

Apply Arena 0.25 G to provide uniform distribution in the treated area. The use of properly calibrated equipment normally used for the application of granular turfgrass insecticides is suggested. Check calibration periodically to ensure that equipment is delivering the desired amount of insecticide.

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

APPLICATION EQUIPMENT

Apply Arena 0.25 G uniformly over the area being treated with normally used granular application equipment. Use either drop-type and rotary-type spreaders to apply Arena 0.25 G. Avoid the use of spreaders which would apply 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.
APPLICATION RATES

<table>
<thead>
<tr>
<th>TURFGRASS</th>
<th>APPLICATION RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.84-3.67 lbs per 1,000 sq ft</td>
</tr>
<tr>
<td></td>
<td>80-160 lbs per acre (0.2-0.4 lbs ai/A)</td>
</tr>
<tr>
<td></td>
<td>Annual bluegrass weevil</td>
</tr>
<tr>
<td></td>
<td>Army worms*</td>
</tr>
<tr>
<td></td>
<td>Billbugs</td>
</tr>
<tr>
<td></td>
<td>Black turfgrass aphaenius</td>
</tr>
<tr>
<td></td>
<td>Chinch bugs</td>
</tr>
<tr>
<td></td>
<td>Cutworms*</td>
</tr>
<tr>
<td></td>
<td>Mole Crickets (Suppression)</td>
</tr>
<tr>
<td></td>
<td>Nuisance ants</td>
</tr>
<tr>
<td></td>
<td>Phyllophaga spp.</td>
</tr>
<tr>
<td></td>
<td>(May or June beetles)</td>
</tr>
<tr>
<td></td>
<td>Sod webworms</td>
</tr>
<tr>
<td></td>
<td>Spittle bug</td>
</tr>
<tr>
<td></td>
<td>White grubs</td>
</tr>
<tr>
<td></td>
<td>(Asiatic Garden beetle, European chafer, Green June beetle, Japanese beetle, Northern masked chafer, Oriental beetle, Southern masked chafer)</td>
</tr>
</tbody>
</table>

* For control of these insects, a minimum rate of 130 lbs of Arena 0.25 G per acre is recommended.

INSTRUCTIONS AND RESTRICTIONS

1. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists or other turf experts for more specific information concerning timing of application.
2. Do not apply more than a total of 160 lbs of Arena 0.25 G (0.4 lbs active ingredient clothianidin) per acre per season.
3. Water in with enough irrigation or rainfall to move the active ingredient into the zone where the target insects are active. Arena 0.25 G applications will provide control of foliage feeding insects; however, 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.
4. If the maximum season limit of clothianidin as mentioned above has been applied and pest populations require additional treatments, use another registered pesticide labeled for control of the targeted insects.

ORNAMENTALS, INTERIOR PLANTSCAPES & NON-BEARING FRUITS AND NUTS (IN LANDSCAPES)

Arena 0.25 G is a broad spectrum, long lasting systemic insect control product for a wide spectrum of insects infesting landscape ornamentals, interior plantscapes and non-bearing fruits and nuts (in landscapes). Arena 0.25 G can be used around residences, business complexes, industrial complexes, airports, playgrounds, school yards, parks and recreation areas, athletic fields, golf courses, cemeteries, arboreta and non-production greenhouses.

Apply Arena 0.25 G to provide uniform distribution in the treated area. The use of properly calibrated equipment normally used for the application of granular insecticides is suggested. Check calibration periodically to ensure that equipment is delivering the desired amount of insecticide.

Water in with enough irrigation or rainfall to move the active ingredient into the zone where the target insects are active. Arena 0.25 G 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. When making applications for Arena 0.25 G for the systemic control of foliar insects, there will be a delay between the time the applications are made and control of existing insects is achieved. Therefore, it is best to apply Arena 0.25 G before insects are anticipated to provide protection.
APPLICATION RATES

ORNAMENTALS, INTERIOR PLANTSCAPES & NON-BEARING FRUITS AND NUTS (IN LANDSCAPES)

APPLICATION RATE | INSECT PEST
--- | ---
133-160 lbs per acre | Aphids
3.05 - 3.67 lbs of product per 1,000 sq ft (0.33-0.4 lbs ai per acre) | Azalea lace bug
Caterpillars
Florida wax scale
Glassy winged sharpshooter
Japanese beetles adults
Leaffoppers
Leafminers
Mealybugs
Root weevils
Scales
White grubs
Whiteflies

CONDITIONS OF SALE

1. Valent U.S.A. Corporation ("Valent") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Valent. VALENT DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, TO THE EXTENT PERMITTED BY LAW, SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM OR IN CONNECTION WITH THE MANUFACTURE, SALE, DELIVERY, USE, HANDLING OR STORAGE OF THIS PRODUCT, TO THE EXTENT PERMITTED BY LAW, SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. VALENT DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.
3. Critical and unforeseeable factors beyond the control of Valent prevent Valent from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, to the extent permitted by law, by purchasing, accepting and using this product, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.

INSTRUCTIONS AND RESTRICTIONS

1. Non-bearing fruits and nuts in landscapes are only for ornamental use and are not intended for use in commercial production. FRUIT AND NUTS FROM THESE PLANTS ARE NOT TO BE USED AS FOOD AT ANY TIME.
2. Do not apply more than a total of 160 lbs of Arena 0.25 G (0.4 lbs active ingredient clothianidin) per acre per season.
STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE
Store in a dry place away from excessive heat. Do not store near food or feed. Store in original container only. To close package, replace and tighten cap to form an airtight seal.

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

CONTAINER DISPOSAL
Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or (if allowed by State and local authorities) by burning. If burned, stay out of smoke.

Copyright © 2008 by Valent U.S.A. Corporation

Arena is a registered trademark of Sumitomo Chemical Company, Ltd.

Distributed by
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek CA 94596-8025
www.valentpro.com
Form 1731-B Made in U.S.A.
EPA Reg. No. 59638-157
EPA Est. 39578-TX-010, 67545-AZ-01©
Superscript is first letter in lot number.