**Group** 4A  **Insecticide**

**Arena®**

0.25G Insecticide

For systemic insect control in turfgrass, sod farms, landscape ornamentals, interior plantscapes and non-bearing fruits and nuts (in landscapes).

Active Ingredient By Wt
*Clothianidin* .................. 0.25%
Other Ingredients ............... 99.75%
Total ................................ 100.00%

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

EPA Reg. No. 59639-157
EPA Est. No. 39578-TX-1®, 67545-AZ-1®
Superscript is first letter of lot number.

Keep out of reach of children

Caution

See inside booklet for additional precautionary statements.

Net weight: 30 pounds

Form 1731-F

271 W x 5.5" H

Booklet Front
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.

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 15 minutes, then continue rinsing eye.

If swallowed: Call a poison control center or doctor for treat- ment 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.

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 treat- ment advice.

If on clothing: Take off 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 high water mark. Do not contaminate water- way when cleaning equipment or disposing of equipment wash- water or rinsate.

This product is toxic to bees exposed to direct treatment or resi- dues 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 in- consistent 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 require- ments specific to your State or Tribe, consult the agency respon- sible 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 work- ers on farms, forests, nurseries and greenhouses and handlers - (or a combination of such factors) all of which are fac- tors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks include the inherent un- tended yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that rescue measures 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 accepts all inherent and unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY BUYER. Valent shall not be responsible for losses or damages (includ- ing, but not limited to, loss of yield, increased expenses of farm- ing the crop or such incident) to the crop resulting from the use or handling 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 chemi- cal description on the label and is reasonably fit for the purpos- es 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 consis- tent with applicable law AND AS SET FORTH ABOVE, VALENT DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR ANY ADMINISTRATOR, OFFICER, DIRECTOR, SHAREHOLDER, AGENT OR EMPLOYEE OF VALENT OR ANY OTHER PERSON OR ENTITY. Neither Valent nor its Administrators, Officers, Directors, Shareholders, Agents or Employees will be liable for any direct, indirect, incidental, special, incidental or consequential damages of any kind arising in any manner from the use or handling of this product, whether the claim is based in contract, tort, or strict liability, or in any other way.

RISKS OF USING THIS PRODUCT
When using this product, the Buyer and User (referred to collectively herein as “Buyer”) of this product shall be aware that there are inherent unin- tended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limit- ed to, injury to plants and crops to which this product is ap- plied, 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 oth- er 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, use of other materials, handling, and other user actions or other factors which are fac- tors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks include the inherent un- tended yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that rescue measures 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 accepts all inherent and unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY BUYER. Valent shall not be responsible for losses or damages (includ- ing, but not limited to, loss of yield, increased expenses of farm- ing the crop or such incident) to the crop resulting from the use or handling 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.

DISCLAIMER
No agent or representative of Valent or Seller is autho- rized to make or create any other express or implied warranty, or to assume any other liability, other than the Limited Warranty described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR ANY ADMINISTRATOR, OFFICER, DIRECTOR, SHAREHOLDER, AGENT OR EMPLOYEE OF VALENT OR ANY OTHER PERSON OR ENTITY. Neither Valent nor its Administrators, Officers, Directors, Shareholders, Agents or Employees will be liable for any direct, indirect, incidental, special, incidental or consequential damages of any kind arising in any manner from the use or handling of this product, whether the claim is based in contract, tort, or strict liability, or in any other way.
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.

RESISTANCE MANAGEMENT

Arena® 0.25 G Insecticide® contains a Group 4A insecticide. Insecticides with acrylamides as a target site of action may have resistance developed to those products. Newer resistance management guidelines are published in the Arena 0.25 G Insecticide® label. Monitoring for resistance is recommended for all users of this product to ensure the continued effectiveness of Group 4A insecticides.

Limitation of Liability

ARENA® 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).

Application Methods:

Arena 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 Arena 0.25 G Insecticide® evenly over the top of plants. For treatment of individual shrubs or trees, broadcast Arena 0.25 G Insecticide® evenly on soil around base of plant within 18 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 180 lbs of Arena 0.25 G Insecticide® (0.4 lb ai) per acre per season.

Multi-site Resistance Management:

If the maximum season limit of clothianidin as mentioned above has been applied and pest populations require additional treatments, use another registered pesticide that is not in the neonicotinoid class of chemistry.

Pests Controlled by Arena 0.25 G Insecticide® in Landscapes

Ornamental Plants

• Aphids including Green Apple

• Leaf Beetles

• Mealybugs including

• Scales (soft)

• Thrips including

• Whiteflies including

• Leafhoppers

• Spotted lanternfly

• Scales (hard)

• Whiteflies

• Scales (sooty)

• Western flowerhouses

• Whiteflies

Not for use in California

Unique Pest Management Programs

- Multi-site Resistance Management
- Integrated Pest Management
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

<table>
<thead>
<tr>
<th>Arena 0.25 G Insecticide Rates</th>
<th>Special Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ornamental Plants包括:</strong> Shrubbery, Bedding Plants, Flowering Plants, Foliage Plants, Ground Covers, Evergreens</td>
<td>For multi-stem trees, base rate on cumulative inches of diameter of all stems at breast height. For multi-stem trees, base rate on cumulative inches of diameter of all stems at breast height. Do not apply within 5.5” of trunk diameter of breast height (DBH). For multi-stem trees, base rate on cumulative inches of diameter of all stems at breast height. Only apply to moist soil media. Do not apply to dry or saturated soil. Do not apply to saturated or frozen soil, or when plants are not actively taking up water from soil. Heavy rainfall or inadequate irrigation immediately following application may decrease performance. For optimal control, apply early in the shrub or tree’s annual growing cycle.</td>
</tr>
<tr>
<td><strong>Trees</strong></td>
<td>Broadcast application in Herbaceous Flower Beds and Ground Covers Apply 3.6 lbs/1,000 sq ft of bad.</td>
</tr>
<tr>
<td><strong>Broadcast Application in Herbaceous Flower Beds and Ground Covers</strong></td>
<td>Broadcast application may not be effective in trees and shrubs.</td>
</tr>
</tbody>
</table>

**TURFGRASS**

Arena 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 soil farms, golf courses, home lawns, parks and playgrounds.

### Application on Turfgrass

- **Annual Bluegrass**
  - **Weswell** (larval stages)
  - **Bill Bugs**
  - **Black Turfgrass Attaenius** (larval stages)
  - **Alyssum** (larval stages)
  - **Rydbolophaga spp.** (May or June Beetle)
  - **Spittlebug**
  - **White Grubs** including Asilatic Garden Beetle, European Chafer, Green June Beetle, Japanese Beetle, Northern Masked Chafer, Oriental Beetle, Southern Masked Chafer

**Application**

- **Broadcast application** to uniformly broadcast Arena 0.25 G Insecticide® over the treat-ment area. Do not mow turgrass until after irrigation or rainfall has occurred to allow for the uptake and distribution of Arena 0.25 G Insecticide® in soil and turfgrass.

**Timing**

- **Preventative applications:** Make applications through peak egg hatch of target species. Use the upper end of the rate range if application is made 60 days or more prior to peak adult flight and/or egg lay.

**Applications:** For applications after egg hatch or when obvious turf damage has occurred use the upper end of the rate range.

**Storage and Disposal**

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 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**

Wastes 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 depositing in a sanitary landfill, or by other procedures allowed by state and local ordinances.

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