

SUPPLEMENTAL LABELING

GROUP 4A INSECTICIDE

ARENA® 50 WDG INSECTICIDE

FOR DISTRIBUTION AND USE FOR FOLIAR AND SYSTEMIC INSECT CONTROL IN TURFGRASS, SOD FARMS, LANDSCAPE ORNAMENTALS, INTERIOR PLANTSCAPES, AND NON-BEARING FRUIT, INCLUDING APPLES AND PEARS, AND NUT TREES (IN LANDSCAPES).

EPA Reg. No. 66330-40

Active Ingredient:

Clothianidin: (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine..... 50.0%

Other Ingredients..... 50.0%

Total 100.0%

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Follow all applicable directions, restrictions, worker protection standard requirements, and precautions on the EPA registered main label for **Arena® 50 WDG** (EPA Reg. No. 66330-40). This supplemental label must be in the possession of the user at the time of application.

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 WPA applies when this product is used to produce agricultural plants on farms, forests, nurseries and commercial greenhouses and sod farms.

Keep children and pets off treated area until dry.

GENERAL INFORMATION

ARENA 50 WDG is a broad spectrum insect control product, for control of a wide spectrum of insects infesting turfgrass, landscape ornamentals and non-bearing fruit and nut trees. Non-bearing fruit and nut trees are trees that do not bear edible fruits and nuts for at least 12 months after application of pesticides. When applied as directed, ARENA 50 WDG provides excellent and long residual insect control.

TURFGRASS

ARENA 50 WDG can be used as directed on grass grown in industrial, commercial and residential landscapes such as, but not limited to golf courses, home lawns, airports, cemeteries, parks, playgrounds, athletic fields and commercial sod farms.

ARENA 50 WDG 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 rate suggested to control the species that are present. 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.

Arena 50 WDG can be applied to turf at 6.4-12.8 oz/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 (12.8 oz per acre). Consult your local State Agricultural Experiment Station, State Extension Turf Specialists or other turf experts for specific information concerning the timing of application(s).

Apply ARENA 50 WDG in sufficient water to provide optimal distribution in the treated area. The use of properly calibrated equipment normally used for the application of turfgrass insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off target drift. Check calibration periodically to ensure that equipment is working properly.

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

APPLICATION RATES

TURFGRASS	
PEST	APPLICATION RATE
Annual bluegrass weevil Black turf grass ataenius White grubs (Japanese beetle, Green June beetle, European chafer, Northern masked chafer, Southern masked chafer, Oriental beetle, Asiatic garden beetle*) Billbugs Sod webworms Chinch bugs* Mole crickets (suppression)* Cutworms (suppression)*	6.4-12.8 oz of product per acre (0.2-0.4 lbs ai/A)
<p>SPECIAL RESTRICTIONS</p> <ul style="list-style-type: none"> Do not apply more than a total of 12.8 oz of ARENA 50 WDG (0.4 lbs active ingredient clothianidin) per acre per season. 	

*Use the high rate for control of these insects.

ORNAMENTALS

ARENA 50 WDG is for use on ornamentals for insect control in commercial and residential landscapes and interior plantscapes. To assure optimum effectiveness, good spray coverage of the target plant is essential. Application can be made by foliar application or soil applications including soil injection, drenches, and broadcast sprays. For optimum control, applications should be made prior to anticipated pest infestation.

APPLICATION RATES FOR DRENCHES AND BROADCAST APPLICATION

ORNAMENTALS	
PEST	APPLICATION RATE
Aphids Caterpillars Japanese beetles Mealy bugs Leafhoppers Leafminers White grub larvae Whiteflies	0.25 oz of product per 1,000 sq. ft. (5.4 oz ai/A)
SPECIAL INSTRUCTIONS AND RESTRICTIONS	
<ul style="list-style-type: none"> Do not apply more than a total of 12.8 oz of ARENA 50 WDG (0.4 lbs active ingredient clothianidin) per acre per season. Drench or broadcast applications will provide control of foliage feeding insects, however, control will not be achieved until the product has been taken up by the plant roots and translocated to the area where the insects are feeding. 	
Note:	
<ol style="list-style-type: none"> If making broadcast applications, water in with enough irrigation or rainfall to move the product into the zone where insects are active. For drench applications, use enough water to move the product into the zone where the insects are active. Drench or broadcast applications will also provide control of foliage feeding insects; however, control will not be achieved until the product has been taken up by the plant roots and translocated to the area where the insects are feeding. 	

APPLICATION RATES FOR FOLIAR APPLICATION

ORNAMENTALS	
PEST	APPLICATION RATE
Aphids Caterpillars Japanese beetles Leafhoppers Mealy bugs Whiteflies	2 oz of product per 100 gals (0.156 lb ai/A)
SPECIAL INSTRUCTIONS AND RESTRICTIONS	
<ul style="list-style-type: none"> Do not apply more than a total of 12.8 oz of ARENA 50 WDG (0.4 lbs active ingredient clothianidin) per acre per season. Uniformly apply the spray solution to the point of drip. Reapply as needed but do not exceed a total of 12.8 oz of Arena 50 WDG (0.4 lbs. active ingredient clothianidin) per acre per season. The amount of spray solution needed per acre will depend on the ornamental size and the density of the leaf canopy. 	

NON-BEARING FRUIT, INCLUDING APPLES AND PEARS, AND NUT TREES (IN LANDSCAPES WHICH ARE NOT INTENDED FOR USE IN COMMERCIAL PRODUCTION)

ARENA 50 WDG should be applied when threshold populations are observed. Do not wait until large insect populations have been established. Apply ARENA 50 WDG in sufficient water to ensure uniform and thorough coverage of foliage. Thorough coverage is required for optimum control. To achieve optimum coverage, use proper spray pressures, nozzles, nozzle spacing and water volume per acre.

RECOMMENDED APPLICATION RATES (POST-BLOOM APPLICATIONS)

PEST	APPLICATION RATE	
Aphids Leafhoppers Plum curculio Apple maggot Codling moth ¹ Oriental fruit moth ¹ Spotted tentiform leafminers ² Western tentiform leafminers ² Oblique-banded leafrollers (suppression) ²	0.75-1.6 oz per 100 gallons	3.0 – 6.4 oz per acre*
	(0.023 -0.05 lbs ai per 100 gallons)	(0.1-0.2 lbs ai/acre)

SPECIAL INSTRUCTIONS AND RESTRICTIONS

- Non bearing fruit, including apples and pears, and nut trees in landscapes are only for ornamental use. **FRUITS FROM THESE TREES ARE NOT TO BE USED AS FOOD AT ANY TIME.**
- *The amount of ARENA 50 WDG per acre will depend on tree size, pest pressure and the volume of foliage present. The rate of water carrier per acre is based on a standard of 400 gallons of dilute spray per acre for large trees.
- Do not apply more than 6.4 oz of ARENA 50 WDG (0.2 lb active ingredient) per acre per season.
- ¹To control Codling moth and Oriental fruit moth, apply ARENA 50 WDG in a program of rotational sprays with other labeled insecticides. When using the 3 oz rate of ARENA 50 WDG to control Codling moth and/or Oriental fruit moth, do not apply treatments less than a 14 day interval.
- Apply ARENA 50 WDG in a full coverage spray to the point of drip. The spray volume will depend on tree size and density of the canopy. Repeat applications as needed to maintain control but do not apply more often than every 10 days.
- ²For optimum control of Leafminers and Leafrollers, make the first application as soon as pollination is complete and bees are no longer present. Repeat application as necessary to maintain control. A single application may result in suppression only.
- Do not apply treatments less than 10 days apart.
- Do not apply ARENA 50 WDG through any type of irrigation system.

GENERAL RESTRICTIONS AND LIMITATIONS

- Regardless of formulation or type of application (soil or foliar), DO NOT apply more than a total of 0.2 lbs active ingredient, clothianidin per acre per season for apples and pears. For turf, landscape, ornamentals and non-bearing fruits and nuts do not exceed 0.4 lbs active ingredient.
- If the maximum season limit of clothianidin (0.4 lbs./acre) has been applied and pest populations require additional treatments, use another registered pesticide.
- Do not apply by air.

CONDITIONS OF SALE

1. Arysta LifeScience North America Corporation 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 Arysta LifeScience. **ARYSTA LIFESCIENCE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA LIFESCIENCE DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. Critical and unforeseeable factors beyond Arysta LifeScience's control prevent Arysta LifeScience 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, Buyer and User acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.

ARENA is a registered trademark of Arysta LifeScience North America Corporation.

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Based on RC121405



Arysta LifeScience



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Premjit P. Halarnkar, Ph.D., MPA
Arysta LifeScience
100 First Street, Suite 1700
San Francisco, CA 94105

Dear Dr. Halarnkar:

DEC 14 2005

Subject: Labeling Amendment; Addition of Non-Agricultural Uses
Arena 50 WDG
EPA Registration No. 66330-40
Submission Date: September 28, 2005

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions regarding this label, please contact Kable Bo Davis at (703) 306-0415.

Sincerely yours,

A handwritten signature in black ink, appearing to read "D.C. Kenny".

Daniel C. Kenny
Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505C)

File: T17-444/USA/R