

59639-162 8.6.2010

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

AUG - 6 2010

Ms. Julie Schlekau
Federal Registration Manager
Valent USA Corporation
1600 Riviera Avenue, Suite 200
P.O. Box 8025
Walnut Creek, CA 94596

Dear Ms. Schlekau:

Subject: Label amendment; addition of pest Emerald Ash Borer and marketing claims
Dino 2 G GL Insecticide
EPA File Symbol 59639-162
Your submission dated May 14, 2010

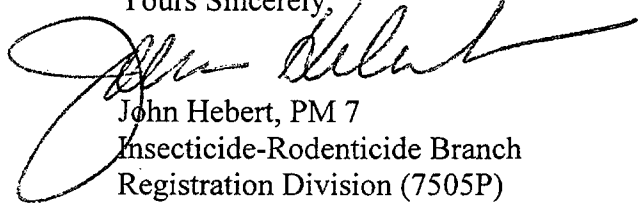
The amendment referred to above is conditionally acceptable in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(7)(B), subject to the comments listed below:

1. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data.
2. Make the following label changes:
 - a) On page 2, specify container size in the last four marketing statements.
 - b) On page 4, second paragraph under the title HOW IT WORKS, delete extra period (.) next to the comma in middle of the second sentence.
 - c) On page 4, under the title PESTS CONTROLLED, move the phrase "(Excluding Asian Longhorned Beetles)" to immediately after the pests Leaf Beetles.
 - d) On page 6, under the title ENVIRONMENTAL HAZARDS, reinstate the statements that you deleted from the second paragraph. These are standard for all dinotefuran products.

Submit two (2) copies of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(a).

A stamped copy of the label is enclosed for your records. If you have any questions, please contact Rita Kumar at (703) 308-8291, or kumar.rita@epa.gov.

Yours Sincerely,



John Hebert, PM 7
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure



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ACCEPTED
With COMMENTS
In EPA Letter Dated:
AUG - 6 2010

Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:

59639-162

[FRONT]

DINO 2 G GL Insecticide

[Listed below are optional claims]

[ICON] Outdoor Use Only

[FOR USE ON] Residential Trees, Shrubs And Ornamental Plants

Ready-To-Use

Season Long Control

Broad Spectrum Insect Control on Trees and Shrubs

Season Long Control of Listed Insect Pests

Preventive Control

[Apply During] Spring, Summer and [Early] Fall

[For Use On] Trees, Shrubs and Ornamental Plants

Kills Whiteflies, Mealybugs, Aphids, Leafminers and Scale

For Systemic Insect Control In and Around Trees, Shrubs And Ornamental Plants

For Outdoor Home Use Only

Insect killer on trees and shrubs

Kills Emerald Ash Borer

Kills EAB (Emerald Ash Borer)

Kills HWA (Hemlock Woolly Adelgid)

Controls HWA (Hemlock Woolly Adelgid)

Kills (Controls) Scales

Kills (Controls) Aphids

Kills (Controls) beetles (excluding Asian Longhorned Beetles) in trees and shrubs

Kills borers in trees and/shrubs

Kills (Controls) mountain pine beetles

Kills (Controls) thrips

Kills (Controls) lacebugs

Attack Aphids

Kills (Controls) leafminers

Kills (Controls) fungus gnats

Kills (Controls) mealy bugs

Kills (Controls) whiteflies

Kills (Controls) royal palm bugs

Kills (Controls) cycad scale

Kills (Controls) aphids

Kills listed insects

Kills (Controls) listed tree pests

Kills (Controls) listed insects that kill trees

Kills (Controls) listed tree insects

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Kills (Controls) listed insects that damage trees
Kills (Controls) beetles in trees
Kills listed beetles and/or borers in trees
Kills listed insects under the bark
Kills listed insects that bore into trees.
Kills (Controls) listed insects that feed on trees
Kills (Controls) listed insects that eat leaves
Kills (Controls) listed insects that eat shrubs
Kills listed bugs on roses (and flowering shrubs)
Kills listed insects from inside the tree
For beautiful trees and/or shrubs
For potted plants
For plants in pots
Kills (Controls) listed insects in or on potted plants
Provides season long protection
Works all season
Lasts in trees all season
Season long insect control
Kills listed bugs (insects) all season
Apply once a year
Apply only once a year
Keep plants mealy bug free
Keep plants aphid free
Moves into trees & shrubs
Easy to measure and pour
Easy to apply granule
Easy-to-use granule
Measure strip on container
Contains (Includes) measuring cup or device.
Tip n Pour Container
Tip, Measure, and (&) Pour Container
Insecticide for plants in pots
Small package for plants in pots
Insect control for plants in pots
Contains measuring spoon
Treats ___ feet of hedge ___ feet tall [based on container size]
This container treats ___ feet of hedge ___ feet tall [based on container size]
One jug treats 12 four inch diameter trees
This container treats ___ number of trees
This container treats ___ number of shrubs
One jug treats 23 three foot tall shrubs

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ACTIVE INGREDIENT:

*Dinotefuran N-methyl-N'-nitro-N'-[(tetrahydro-3-furanyl)methyl]guanidine..... 2%

OTHER INGREDIENTS 98%

Total 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 59639-162

EPA Est. No. 39578-TX-01

See side or back panel booklet for additional precautionary statements.

Manufactured for Valent U.S.A Corporation, P. O. Box 8025, Walnut Creek, CA 94596-8025, www.valent.com (800)-89-VALENT (897-2536)

NET WT 1 LB (454gm)

NET WT 7 LB (3.18 kg)

NET WT 10 LB (4.54 kg)

(Back or Side Panel)

{Optional text depending on labeling for example if using a back panel booklet}

**Open Resealable Label for
Directions & Precautions**

{PEEL HERE}

{PRESS TO RESEAL}

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions.

HOW IT WORKS

Dino 2 G GL Insecticide is a broad-spectrum insecticide that kills many insects infesting ornamental plants, trees and shrubs growing in the landscape or in containers. *Dino 2 G GL Insecticide* is a systemic product and will be taken up by the root system and transported throughout the plant. *Dino 2 G GL Insecticide* will be transported more quickly in annual and perennial plants than in woody trees and shrubs.

[Alternate Text]

Dino 2 G GL Insecticide is a broad-spectrum systemic insecticide that kills listed insects infesting ornamental plants, trees and shrubs growing in the landscape or in containers. After application it quickly washes off the applied granules and moves with the water into the soil, where it is taken up by the roots and absorbed through the bark of roots, and moves with the transpiration water up the trunk and into the fine branches and leaves of trees and shrubs. Insects that chew or suck in or on trees and shrubs will ingest the insecticide

PESTS CONTROLLED

Adelgids, Aphids, Borers including Emerald Ash Borer, Fungus Gnats, Lacebugs, Leafhoppers, Leaf Beetles, Leafminers, Mealybugs, Psyllids, Root Weevils, Scales, Thrips, Whiteflies, White Grubs and excluding Asian Longhorned Beetles.

WHERE TO USE

Outdoors on newly planted or established ornamental plants, trees and shrubs planted in the landscape or in containers.

For Emerald Ash Borer, apply when EAB has been found within 15 miles of ash trees you want to treat.

WHEN TO USE

When insects begin to appear.
When trees are actively growing with sufficient water.
For Emerald Ash Borer apply in early to mid June in the Northern States, early to mid May in transition states and early to mid April in Southern States. May also be applied in late summer.

ORNAMENTAL PLANTS, SHRUBS AND TREES

Ornamental Plants, Trees and Shrubs, Conifers, Evergreens, Flowering Plants, Foliage Plants, Non-Bearing Fruit Trees*, Non-Bearing Nut Trees*, Non-Bearing Vines*
*Non-Bearing is defined as trees and vines that will not bear edible fruit for one year.

AMOUNT TO USE

For plants grown in the ground: Apply *Dino 2 G GL Insecticide* evenly on soil around base of plant within 18" of the trunk.
Trees: 1/3 to 2/3 cup of *Dino 2 G GL Insecticide* per inch of diameter of trunk. For multi-stemmed trees, add the diameter for all stems together to determine the total diameter to be treated.
Shrubs: 1/4 to 1/3 cup of *Dino 2 G GL Insecticide* per foot of shrub height.
For plants grown in containers: See table inside booklet

HOW TO USE

Evenly distribute the product on the soil surface within one and half feet of the base of the plant.

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For Question, Comments or Medical Information Call: (800) 89-VALENT (898-2536)

{Inside Booklet}

RESTRICTIONS AND LIMITATIONS

- Do not allow runoff or puddling of irrigation water following application.
- Keep children and pets off treated areas until dusts have settled.
- Do not apply to areas that are water logged or saturated or frozen, which will not allow penetration into the root zone of the plant.

APPLICATION INFORMATION

- Only apply to moist soil. Do not apply to dry, saturated or frozen soil or when plants are not actively growing and taking up water from soil.
- Heavy rainfall or inadequate irrigation immediately following application may decrease performance.
- Use higher labeled rates for larger diameter trees and for broadleaf evergreens with dense foliage (example hollies).
- For plants growing in containers water containers after application with just enough water to dissolve granules.
- Pull back mulch prior to application if mulch is more than 1" thick.
- Irrigate after application with enough water to dissolve granules and move product into root zone

Plants growing in containers

Treatment of Individual Containers	
Container Diameter (inches)	Teaspoons (tsp) per Container
4	1/8 to 1/4 tsp
5	1/4 to 1/3 tsp
6	1/3 to 2/3 tsp
7	2/3 to 3/4 tsp
8	3/4 to 1 tsp

For larger pots evenly distribute the product to the top of soil surface using 1/3 to 2/3 tsp for each gallon of potting media in container.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> • Call a 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 in eyes:	<ul style="list-style-type: none"> • 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.
<p>HOT LINE NUMBER</p> <p>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.</p>	

ENVIRONMENTAL HAZARDS

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 into the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

This pesticide is toxic to shrimp. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas.

This compound is toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggest the possibility of chronic risk to honey bee larvae and the eventual instability of the hive.

This product is toxic to bees exposed to treatment for more than 38 hours following treatment. Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state and federal authorities.

Dinotefuran and its degradate, MNG have the properties and characteristics associated with chemicals detected in ground water. The high water solubility of dinotefuran, and its degradate, MNG, coupled with its very high mobility, and resistance to biodegradation

indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination. Periodic monitoring of shallow groundwater in the use area is recommended.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in original container in a cool dry place, out of reach of children, preferably a locked storage cabinet. **Pesticide Disposal and Container**

Handling: Nonrefillable container. Do not reuse or refill this container. **If empty** – Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

<p>DISCLAIMER, RISKS OF USING THIS PRODUCT LIMITED WARRANTY AND LIMITATION OF LIABILITY</p>
<p>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.</p>
<p>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 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, and injury caused by drift. Such risks of 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, 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. 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.</p> <p>Valent shall not be responsible for losses or damages 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.</p>
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<p>PROMPT NOTICE OF CLAIM 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 the date of application, so that an immediate inspection of the affected property can be made.</p> <p>If Buyer does not notify Valent of any claims in such period, it shall be barred from obtaining any remedy.</p>
<p>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.</p>