

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



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

JAN - 8 2014

Control Solutions, Inc.  
c/o Ms. Jane M. Miller  
Biologic, Inc.  
115 Obtuse Hill Road  
Brookfield, CT 06804

Subject: Amended label to add pollinator protection language  
Product Name: Dominion 1.47% Plus Lambda 0.5% Liquid  
EPA Reg. No. 53883-252  
EPA Decision No. 483844  
Submission dated September 23, 2013; resubmission dated January 6, 2014

Dear Ms. Miller:

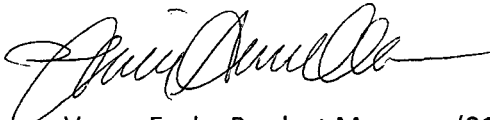
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. See 40 CFR 156.10(a)(6).

Under 40 CFR 152.130(d), EPA may establish dates by which all product distributed or sold by the registrant must bear revised labeling. The following paragraphs set forth the schedule for ensuring that that your product bears revised labeling within a reasonable time period:

- Any product released for shipment after 2/28/14 must bear the new label.

If these conditions are not complied with, EPA will take appropriate action against this registration. If you have any questions please contact Julie Chao at 703-308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Regards,

  
for Venus Eagle, Product Manager (01)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

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EPA Stamped Approved Label 03 23 2009  
Amendment to add Pollinator Language revised 01 06 2014

**Dominion 1.47% Plus Lambda 0.5% Liquid**

For Outdoor Residential Use Only.

**NOT FOR SALE, USE OR DISTRIBUTION IN or INTO Nassau, Suffolk, Kings or Queens Counties, New York**

[Optional Marketing Statements]

[For use on Lawns, Roses, Flowers, Ornamental Trees, Shrubs.]

[Controls Ants, Aphids, Chinch Bugs, Cutworms, Flea Beetles, Grubs, Mites, Sod Web worms & other listed insects.]

[Kills Lawn and Garden Insects, including grubs, chinch bugs, European crane flies, sod webworms, aphids, Japanese beetles, whiteflies, ants mites, deer ticks, and other listed insects.]

[Broad Spectrum (Insect Killer) (Insecticide) (Concentrate).]

[Concentrated Insect Spray.]

[For soil and turf insect control.]

[For Broadcast and Barrier use.]

[For Lawn (Garden) Insects.]

[Kills and Repels Insects.]

[Kills Pests Outside the Home for Up to 8 Weeks (2 months).]

[Kills Pests on Outdoor Surfaces for Up to 8 Weeks (2 months).]

[Low odor (formula).]

[Fast Acting Formula.]

[Works (Kills) in 24 hours.]

[Kills 130+ Pests on contact.]

[Long-lasting.]

[Non-staining.]

Fast acting with up to 8 weeks Residual]

[Controls Chinch Bugs, Fleas, Grubs, Aphids, & Mites]

**Active Ingredients:**

Imidacloprid .....	1.47%
Lambda-cyhalothrin .....	0.50%
Other Ingredients: .....	<u>98.03%</u>
Total: .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See attached booklet for additional precautionary statements.

EPA Reg. No. 53883-252

EPA Est. No. XXXXXXXXXX

Net Contents \_\_\_\_\_

ACCEPTED  
JAN - 8 2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 53883-252

**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

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

<b>FIRST AID</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>Note to Physician:</b> No specific antidote is available. Treat the patient symptomatically. For medical emergencies call SafetyCall (866) 897-8050.	

**ENVIRONMENTAL HAZARDS**


This pesticide is toxic to aquatic invertebrates and extremely toxic to fish. Do not apply directly to lakes, streams or ponds. Do not dump rinse water into sewers or other bodies of water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply this product or allow it to drift to blooming plants or weeds if bees are foraging in the treatment area.

### PROTECTION OF POLLINATORS



**APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.**

Look for the bee hazard icon  in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

**This product can kill bees and other insect pollinators.**

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: [www.aapco.org/officials.html](http://www.aapco.org/officials.html). Pesticide incidents should also be reported to the National Pesticide Information Center at: [www.npic.orst.edu](http://www.npic.orst.edu) or directly to EPA at: [beekill@epa.gov](mailto:beekill@epa.gov)

### DIRECTIONS FOR USE

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



Do not apply Dominion 1.47% Plus Lambda 0.5% Liquid while bees are foraging. Do not apply Dominion 1.47% Plus Lambda 0.5% Liquid to plants that are flowering. Only apply after all flower petals have fallen off.

Apply this product only as specified on this label.

Shake well before using.

**READ THE ENTIRE LABEL BEFORE USE AND FOLLOW ALL LABEL DIRECTIONS.**

### RESTRICTIONS:

- Do not spray the product into fish pools, ponds, streams, or lakes.
- Remove animal feeding dishes prior to application.
- Do not allow children or pets into the treated area until dry.
- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.
- **In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh, or stream that drains directly into a coastal marsh.**

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**INFORMATION**

Dominion 1.47% Plus Lambda 0.5% Liquid kills grubs, mole crickets, European crane fly larvae, ants, fleas, chinch bugs, mosquitoes, sod webworms, aphids, beetles, whiteflies, mites, deer ticks, Japanese beetles, European crane flies, and other listed insects.

**MIXING AND APPLICATION**

1. Apply as directed.
2. In a CLEAN sprayer, measure and mix the amount of product and water as stated in the tables below.
3. When handling pesticide products, it is a good idea to wear disposable gloves. Do not use kitchen utensils such as measuring cups and spoons for food purposes after they have been used with pesticides.
4. Spray as directed. It is important to achieve complete coverage.
5. Flush sprayer with clean water following each use.

Apply as directed, keeping in mind that complete coverage is crucial. Make certain to follow the important use limitations such as, the amount of spray to apply.

**MEASUREMENT CONVERSIONS**

- 1 tablespoon = 3 teaspoons
- 1 fl. oz. = 6 teaspoons or 2 tablespoons
- 6 fl. oz. = ¾ cup
- 1 ½ tablespoons in 3 gallons of water = 1 ½ teaspoons in 1 gallon of water
- 2 tablespoons in 3 gallons of water = 2 teaspoons in 1 gallon of water

**NOTE:** This product is non-staining to most home siding depending on age and cleanliness. Prior to applying this product to areas that may contact home siding (vinyl siding in particular), test in a hidden area and recheck in a few hours. If any staining is observed, do not use this product.

**LAWNS**

**Information**

Dominion 1.47% Plus Lambda 0.5% Liquid provides rapid kill of insects present at application, plus forms a protective barrier in the soil which provides control of listed pests all season long. When applied early, Dominion 1.47% Plus Lambda 0.5% Liquid kills grubs, mole crickets and European crane fly before they hatch and damage lawns. Contact your County Extension Agent for the best dates to apply in your area. Dominion 1.47% Plus Lambda 0.5% Liquid may be sprayed over soil or mulch. Remove weed barrier before applying.

**APPLICATION INSTRUCTIONS:** Measure the area to be sprayed and follow the mixing instructions in the tables below. Apply as directed, keeping in mind that complete coverage is crucial.

**Use on lawns and yards including the following grasses:**

Cool season or Northern lawns	Warm season or Southern lawns
Kentucky bluegrass, Perennial ryegrass, Tall fescue, fescues (red or fine leaf)	Bermudagrass, Common and hybrid Centipedegrass St. Augustinegrass Zoysiagrass Buffalograss Bahagrass

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**RESTRICTIONS:**

- Do not allow this product to contact plants in bloom if bees are foraging in the treatment area.
- Do not allow children and pets to re-enter the treated area until after the spray has dried.
- Do not apply to waterlogged areas.
- Do not exceed one application per season for lawns.
- Avoid mowing treated lawn until rainfall or irrigation has occurred.
- Do not apply more than 0.4 pounds active ingredient imidacloprid per acre per year.

**Application Rates for Underground Insects / Thatch Infesting Insects**

Pests	Rate	Comments
Blue grass billbug <sup>1</sup> (adult) Black turfgrass Ataenius (adult) Chiggers Chinch bugs White grubs <sup>2</sup> (Japanese beetle, European chafer, Southern chafer) Dung beetle Hyperodes weevils (adult) European crane flies Mole crickets (nymphs and young adults)	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water to treat 125 sq. ft.  Mix 4 fl. oz. in 8 gallons of water to treat 1,000 sq. ft.	Sub-surface insect control (mole crickets & grubs): For the best results water the treated area with an additional ¼ to ½ inch of water.  1 quart of Dominion 1.47% Plus Lambda 0.5% Liquid treats 8,000 sq. ft.
<sup>1</sup> Treat Billbugs in May, or when first noticed.		
<sup>2</sup> Treat for Grubs from the beginning of July to the end of October or when first noticed.		

**Surface Insects**

Pests	Rate	Comments
Ants* Armyworms Cockroaches Crickets Cutworms Earwigs Fleas Lawn moths (sod webworms) Millipedes Mosquitoes Palmetto bugs Sowbugs Mites Spittlebugs Deer ticks (which may transmit Lyme Disease)	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water to treat 250 sq. ft.  Mix 2 fl. oz. (4 tablespoon) in 4 gallons of water to treat 1000 sq. ft.	Completely wet grass a few hours prior to application.  Postpone additional watering or mowing for 24 hours following treatment.  The use rate can be increased to 3 fl. oz. per 1,000 sq. ft. for heavy insect infestations.  1 quart of Dominion 1.47% Plus Lambda 0.5% Liquid treats 8,000 sq. ft.
*Argentine, Southern, Field, Alleghent mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.		

**ORNAMENTAL TREES, SHRUBS AND FLOWERS**

Dominion 1.47% Plus Lambda 0.5% Liquid is for use on outdoor ornamental trees, shrubs, ground covers and landscape coverings.

**FOLIAR APPLICATIONS**

**APPLICATION INSTRUCTIONS:** Apply thoroughly as a foliar cover spray to both sides of plant leaves and all plant surfaces where insects are present. Apply early prior to high insect populations.

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**RESTRICTIONS:**

- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.
- Do not apply more than 0.4 pounds active ingredient imidacloprid per acre per year.

**NOTE:**

- For **Scale** control, treat the whole plant, including the stem, trunks, and twigs.
- For **Bagworm** control, apply when bagworm larvae start to hatch.

Use Sites	Rate	Insects Controlled
For use on ornamental trees, shrubs and flowers, such as, but not limited to:  Ageratum, Ash, Aster, Arborvitae, Arizona Cypress, Azaleas, Begonia, Birch, Boxwood, Box Elder, Camellias, Cherry (ornamental), Non-bearing Citrus, Chrysanthemums, Carnations, Coleus, Common Ninebark, Conifers, Douglas Fir, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladioli, Gold Bells, Hawthorn, Holly, Honeysuckle, Hypoestes, Ivy, Juniper, Lilac, Locust, Maple, Marigold, Mimosa, Mock Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Ornamental Plum, Poinsettia, Poplar, Tulip Poplar, Rhododendron, Roses, Snapdragon, Snowberry, Spruce, Taxus, Willow, Zinnia.	Mix 0.25 fl. oz. (1/2 tablespoon) in 1 gallon of water.	Armyworms, Aphids, Azalea caterpillar, Bagworms, Black vine weevil (Adult), Boxelder bugs, Budworms, Cankerworms, Cockroaches, Crickets, Cutworms, Eastern tent caterpillar, Elm leaf beetles, European sawfly, Fall webworm, Flea beetles, Forest tent caterpillar, Gypsy moth larvae, Japanese beetles (Adults), June beetles (Adults), Lace bugs, Leaf feeding caterpillars, Leafhoppers, Leafminers (Adults), Leaf rollers, Leaf skeletonizers, Midges, Oleander moth larvae, Pillbug, Pine sawfly, Pine shoot beetles, Pinetip moths, Plant bugs, Root weevil, Sawfly, Scale insects (crawlers), Spiders, Spittlebugs, Striped beetles, Striped oakworm, Thrips, Tip moth, Tussock moth larvae
	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water.	Broadmites, Brown softscale, California redscale (crawler), Clover mites, Mealybugs, Pineneedle scale (crawler), Spider mites, Whiteflies

**PERIMETER TREATMENTS**

**OUTDOOR SURFACE / BARRIER APPLICATION INSTRUCTIONS:** Treat when insects begin to appear and repeat treatment to maintain control as directed. Apply a continuous band of insecticide around the foundation of the building, windows, vents, and doors to significantly decrease possible access by crawling pests. Before treatment, remove any leaf litter and debris around the foundation. Cut back any branches or vegetation that come into contact with the foundation. Rake back deep mulch and remove any other material that may serve as harborage sites for pests.

Pests	Rate	Comments
Ants* Centipedes Cockroaches Crickets Fleas Millipedes	Mix 0.5 fl. oz. (1 tablespoon) in 1 gallon of water.	Apply a 3 ft. band around the building and upwards along the foundation to 3 feet and around windows, doors, and roof overhangs. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or

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Mosquitoes Palmetto bugs Scorpions Sowbugs Pillbugs Spiders Deer ticks		thatch level where pests may be active.  1 gallon will treat 250 sq. ft. of surface area.
*Argentine, Southern, Field, Allegheny mound, Florida carpenter, Cornfield, Honey, Pavement, Nuisance.		

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

**Pesticide Disposal: If empty:** Nonrefillable container. Do not reuse or refill this container. Rinse the empty product container thoroughly and disperse the rinse water on lawn as part of the application. Offer for recycling if available. If recycling is not available: then dispose of container in sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**If partly filled:** It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please call your local solid waste agency. Never place unused product down any indoor or outdoor drain.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Control Solutions, Inc.'s control it is impossible for Control Solutions, Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CONTROL SOLUTIONS, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT CONTROL SOLUTIONS, INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507



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*Optional marketing statements in brackets []*

- [For Use on Lawns]*
- [Kills White Grubs, Mole Crickets and European Crane Fly Larvae]*
- [One application kills white grubs, mole crickets and European Crane Fly Larvae all season long]*
- [When applied early, DOMINION 1.47% Plus Lambda 0.5% Liquid kills grubs, mole crickets and European crane fly before they hatch and damage lawns]*
- [Treats more than 5,000 sq ft (32 oz size )]*
- [Season Long Control of White Grubs]*
- [Kills Grubs all season]*
- [Early Application stops grubs before they start]*
- [Kills Adelgids, Aphids, Bronze Birch Borers, Leafminers, Scale and other listed pests]*
- [Kills insects & prevents new infestations]*
- [Cannot be washed off by rain or water]*
- [Moves through the soil into the root zone]*
- [Can be applied as a foliar spray]*
- [For ornamental trees, shrubs and lawns]*

- Only for use on Turf Sublabel –*
- [One easy application per year]*
- [Protects against insects for up to 12 months]*