



Treats up to  
5,333 sq. ft.

**CONTROLS:**



Aphids



Grubs



Mole Crickets

And other listed  
Insects

# DOMINION® TREE & SHRUB

## INSECTICIDE CONCENTRATE

### For Outdoor Residential Use Only

- Controls Aphids, Grubs, Mole Crickets and Other Listed Insects
- For Use on Lawns, Flowers, Trees & Shrubs including listed Fruit and Nut Trees
- Kills listed insects, including Japanese Beetles & Emerald Ash Borers
- Prevents new infestations
- Protects against listed insects for up to 12 months
- Provides up to 12 months of Systemic Protection against listed insects

### ACTIVE INGREDIENT:

Imidacloprid ..... 1.47%

OTHER INGREDIENTS:..... 98.53%

TOTAL: ..... 100.00%

EPA Reg. No. 53883-205

EPA Est. No. 53883-TX-002

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Label Booklet for First Aid and  
Additional Precautionary Statements

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

A **CONTROL SOLUTIONS INC.** PRODUCT

EPA 070814



NET CONTENTS: **1 QUART**



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Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

### **FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

**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 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.

**Note to Physician:** No specific antidote is available. Treat the patient symptomatically.

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

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

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to lakes, streams or ponds. Do not dump rinse water into sewers or other bodies of water. This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply **Dominion Tree & Shrub** or allow it to drift to blooming plants or weeds when bees are foraging. Apply this product only as specified on this label.

### 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.

(continued)

## PROTECTION OF POLLINATORS (continued)

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.

For outdoor foliar applications, follow these directions to protect pollinators.



Do not apply **Dominion Tree & Shrub** while bees are foraging. Do not apply **Dominion Tree & Shrub** to plants that are flowering. Only apply after all flower petals have fallen off.

Read and follow all label directions. Shake well before using.

### RESTRICTIONS:

- Do not allow children and pets to re-enter the treated area until after the spray has dried.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Do not allow this product to contact plants in bloom if bees are foraging in the treatment area.
- Do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of **Dominion Tree & Shrub**) per acre per year. (Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.)
- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.

## ESTABLISHED ORNAMENTALS IN RESIDENTIAL AREAS

### RESTRICTIONS:

- Do not apply to soil that is frozen or waterlogged.
- Keep children and pets off treated area until it has dried.
- Do not apply this product, by any application method to linden, basswood, or other Tilia species.
- Do not allow this product to contact plants in bloom if bees are foraging in the treatment area.
- Do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of **Dominion Tree & Shrub**) per acre per year. (Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.)

**Dominion Tree & Shrub** is for use on outdoor trees, shrubs and groundcovers in landscape plantings as listed in the table below:

Landscape Plantings	Types of Plants
Roses, flowers, bedding plants and flowering shrubs	Azalea, begonia, camellia, cherry laurel, geranium, gardenia, hydrangea, impatiens, ligustrum, peonies, primrose, tea roses, salvia, zinnias and similar herbaceous plants
Evergreen and leafy shrubs and woody ornamentals	Arborvitae, boxwood, cotoneaster, euonymus, holly, juniper, laurel, privet, spruce yews and similar plants
Groundcovers	English ivy, Dichondra, ivy, pachysandra, vinca and other similar plants

**Dominion Tree & Shrub** is for use to kill the pests listed in the table below on outdoor trees and shrubs.

<b>Pests Controlled</b>	
Adelgids	Leafhoppers
Aphids	(incl. Glassy-winged Sharpshooters)
Black Vine Weevil Larvae	Leafminers
Borers:	(incl. Birch Leafminers)
Roundheaded Borers	Mealybugs
(incl. Eucalyptus Longhorned Borers and Asian Longhorned Beetles)	Pine Tip Moth Larvae
Flatheaded Borers	Psyllids
(incl. Bronze Birch, Alder Borers, and Emerald Ash Borers)	Royal Palm Bugs
Japanese Beetles (Adult)	Sawfly Larvae
Lacebugs	Scales
Leaf Beetles:	(incl. Armored Scale (suppression) and Soft Scale)
(incl. Elm Leaf Beetles and Viburnum Leaf Beetles)	Thrips (suppression)
	Whiteflies

### **Foliar Applications**

Use **Dominion Tree & Shrub** as a foliar spray to provide contact control of larvae, nymphs or adults of the following insect pests: adelgids, aphids, Japanese beetles, lace bugs, leaf beetles (including elm leaf beetles and viburnum leaf beetles), leafhoppers (including glassy-winged sharpshooter), mealybugs, psyllids, sawfly larvae, thrips (suppression) and whiteflies.

### **Application Instructions**

Apply when insects first appear and before high pest populations are established. Retreat when re-infestation occurs, when high pest pressure is observed or repeat applications on an as-needed basis with 10-14 day intervals between applications, not to exceed the maximum rate.

### How to Apply

Foliar applications with water must be made as a thorough cover spray to provide uniform distribution. Make application prior to blooming or after all flower petals have fallen off. Spray to wet all foliage (leaves, stems and branches). Target the undersides of the leaves and try to penetrate dense foliage with the spray droplets.

### Hand-Operated Sprayers

Including backpack, compression, knapsack or tank type sprayers.

For foliar applications, mix 1.5 (1½) teaspoons (tsp) of **Dominion Tree & Shrub** per one (1) gallon of water.

Spray Volume Gallons of Water	Teaspoons (tsp.) of product	Tablespoons (tbs.) of product
1 gallon	1½ tsp.	½ tbs.
2 gallons	3 tsp.	1 tbs.
3 gallons	4½ tsp.	1½ tbs.

1.0 fl. oz. = 2 tablespoons = 6 teaspoons (tsp.)

### Hose-End Sprayer Instructions (For Gilmour Dial-A-Mix Sprayer or Air-O-Matic)

1. Set the dial to 1½ teaspoons (tsp.). Keep the dial set to this setting while spraying.
2. Add an adequate amount of product to the spray bottle to treat the total area. Do not add water to jar.
3. Spray to wet all foliage and direct the spray droplets for an even distribution on the target plants. Any unused product can be poured back into its original container.

### Soil Applications

Soil application of **Dominion Tree & Shrub** provides systemic activity and longer residual control as compared to foliar applications. **Dominion Tree & Shrub** may be used on the soil around bedding plants, flowers, trees, shrubs, groundcovers and woody ornamentals in landscape plantings as a soil surface spray. Individual trees and shrubs may be treated with a soil drench.



<b>Pests Controlled</b>	
Adelgids	Elm Leaf Beetles
Aphids	Viburnum Leaf Beetles
Armored scales (suppression)	Leafhoppers
Black Vine Weevil Larvae	Leafminers
Borers:	Mealybugs
Roundheaded Borers	Pine Tip Moth Larvae
(incl. Eucalyptus Longhorned Borers and Asian Longhorned Beetles)	Psyllids
Flatheaded Borers	Royal Palm Bugs
(incl. Bronze Birch, Alder Borers, and Emerald Ash Borers)	Sawfly Larvae
Japanese Beetles (adult)	Soft Scale (suppression)
Lacebugs	Thrips (suppression)
	White grub larvae
	Whiteflies

### **Application Instructions**

**Seedbed or planting beds:** Apply as a broadcast treatment to the soil and incorporate into the soil by cultivation or irrigation before seeding, planting and transplanting.

**Established plantings:** Apply **Dominion Tree & Shrub** to the root zone of the established plants and irrigate the treated areas before the insect activity is expected.

Irrigate the treated area (0.5 inch) thoroughly after the application of **Dominion Tree & Shrub**.

### **Hand-Operated Sprayers**

Including backpack, compression, knapsack or tank type sprayers.

For soil applications to landscape plantings, mix 3.0 fl. oz. of **Dominion Tree & Shrub** per one (1) gallon of water for treating approximately 333 sq. ft. Additional spray preparation rates are given in the table below.

<b>Spray Volume Gallons of Water</b>	<b>Fluid Ounces (fl. oz.) of Dominion Tree &amp; Shrub</b>	<b>Tablespoons (tbs.) of product</b>	<b>Area to be treated sq. ft.</b>
1 gallon	3.0 fl. oz.	6 tbs.	333 sq. ft.
2 gallons	6.0 fl. oz.	12 tbs.	666 sq. ft.
3 gallons	9.0 fl. oz.	18 tbs.	1,000 sq. ft.

1.0 fl. oz. = 2 tablespoons

#### **Hose-End Sprayer Instructions**

1. Measure the total area to be sprayed
2. Set the dial to 3 oz.
3. Add an adequate amount of product to the spray bottle to treat the total area, or add 9 fl. oz. of product for every 1,000 sq. ft. For example, pour 18 fl. oz. of product into sprayer jar to treat an area of 2,000 sq. ft. Do not add water to jar.
4. Spray evenly over the measured area. Any unused product can be poured back into its original container.

#### **Soil Drench to Individual Trees and Shrubs**

**Dominion Tree & Shrub** quickly dissolves in water allowing the insecticide to move through the soil into the root zone. Once in the roots, the insecticide moves up through the tree or shrub providing year-long insect control. **Dominion Tree & Shrub** will also provide control to new growth. Drench applications to individual trees will control pests listed below:

<b>Pests Controlled</b>	
Adelgids	Elm Leaf Beetles
Aphids	Viburnum Leaf Beetles
Armored scales (suppression)	Leafhoppers
Black Vine Weevil Larvae	Leafminers
Borers:	Mealybugs
Roundheaded Borers	Pine Tip Moth Larvae
(incl. Eucalyptus Longhorned Borers and Asian Longhorned Beetles)	Psyllids
Flatheaded Borers	Royal Palm Bugs
(incl. Bronze Birch, Alder Borers, and Emerald Ash Borers)	Sawfly Larvae
Japanese Beetles (adult)	Soft Scale (suppression)
Lacebugs	Thrips (suppression)
	White grub larvae
	Whiteflies

For best results, use this product as part of a preventative treatment program before insect damage occurs. Use one soil drench treatment per year during early spring to early fall.

**Dominion Tree & Shrub** can be applied anytime except when the ground is saturated or frozen. These conditions will make movement of the product down into the root zone difficult. When applying this product during dry periods, generously water the tree or shrub the night before treatment.

**NOTE:** For insect control, the insecticide must move throughout the tree or shrub. The time it takes to do this will depend on the size of the plant that is treated (one week to three months for very large trees). For this reason, soil drenches should occur 2-3 months before the expected pest infestation. Trees that are already heavily infested may not survive due to the existing pest damage and the resulting stress.

### **Application Instructions**

**Soil Drench:** Refer to the directions in the “TREES” section below.

**Soil Injection:** Apply the rates indicated in the table in the “TREES” section. Divide the appropriate volume by the number of holes required. Place holes at approximately evenly spaced intervals around the entire circumference of the tree at about  $\frac{2}{3}$  the distance from the truck to the dripline. Inject at a depth of 8-12 inches.

### **TREES**

#### **Determining Amount of Dominion Tree & Shrub to Use**

Measure the circumference (distance around the tree trunk) in inches at chest height or at 4.5 feet from the soil using a flexible tape. Or, measure the diameter of the tree trunk in inches at chest height or at 4.5 feet from the soil.

Mix 1 oz. of **Dominion Tree & Shrub** per inch of circumference of the tree trunk to one (1) gallon of water. Refer to the mixing chart below for the amounts of **Dominion Tree & Shrub** needed.

#### **RESTRICTIONS FOR TREES:**

- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.
- Do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of Dominion Tree & Shrub) per acre per year

#### **How to Apply**

Apply the solution to the root zone as a band around the base of the tree. Apply one (1) gallon of solution in a circular band from the base of the tree outward for two (2) feet. For trees with trunk diameters more than 16 inches at chest height, apply two (2) gallons of solution in a circular band from the base of the tree outward for three to four (3-4) feet.

Do not irrigate immediately after a soil drench application. Depending on the size and vigor of the tree, the uptake period may vary from one week to three months for larger trees. Insect control will be achieved when the uptake and translocation from the roots to all plant parts (leaves) has occurred.

<b>Tree Trunk Circumference (inches)</b>	<b>Tree Diameter (inches)</b>	<b>Amount of Dominion Tree &amp; Shrub (fl. oz.)</b>	<b>Volume of Water (gallons)</b>	<b>Band Width of Circular Area Around Base of Tree (outward feet)</b>
8	2	8	1	2'
10	3	10	1	2'
15	5	15	1	2'
20	6	20	1	2'
25	8	25	1	2'
30	10	30	1	2'

## **SHRUBS**

### **Determining Amount of Dominion Tree & Shrub to Use**

Measure the height of the shrub to the nearest foot. Round any inches down to the nearest foot if less than 6" and up to the nearest foot if greater than 6".

Mix 3 oz. of **Dominion Tree & Shrub** per foot of shrub height to one (1) gallon of water. Refer to table below for additional mixing instructions.

### **RESTRICTIONS FOR SHRUBS:**

- Do not apply more than 0.4 lb. a.i. imidacloprid (410 oz. or 3.2 gallons of Dominion Tree & Shrub) per acre per year.

### How to Apply

Apply the solution to the root zone as a band around the base of the shrub. Apply one (1) gallon of solution in a circular band from the base of the shrub outward for one (1 ) foot. For shrubs taller than 3 feet, apply one (1) gallon of solution in a circular band from the base of the shrub outward for two (2) feet.

Do not irrigate immediately after a soil drench application.

<b>Shrub Height (feet)</b>	<b>Amount of Dominion Tree &amp; Shrub (fl. oz.)</b>	<b>Volume of Water (gallons)</b>	<b>Band Width of Circular Area Around Base of Shrub (outward feet)</b>
2	6	1	1'
3	9	1	1'
4	12	1	2'
5	15	1	2'
6	18	1	2'
7	21	1	2'
8	24	1	2'

## APPLE, PEAR, PEACH, PLUM, CHERRY AND PECAN TREES

For plants established in residential areas as ornamental plantings or for fruit/nut consumption.

Plants	Insect Pests Controlled
Apple and Crabapple Pear, Common and Oriental	Aphids (except woolly apple aphid), Japanese beetles, leafhoppers (including glassy-winged sharpshooter), leafminers, mealybugs, and San Jose scale
Peach, Plum and Cherry	Aphids, cherry fruit fly maggot, Japanese beetles, leafhoppers, plant bugs, San Jose scale and stink bugs
Pecan	Yellow pecan aphid, black margined aphid, pecan leaf phylloxera, pecan spittlebug, pecan stem phylloxera

### Application Instructions

Timing of applications should coincide with vulnerable stages of the pests. The calendar schedules below are to be used as a guide to application timing but should not be considered a forecast or predictor for treating these insect pests. Consult your State Agricultural Extension Service agent for specific schedules and guidance for your local area. In addition, observe these guidelines for treating the following pests:

- **Aphids:** Make application when aphids first appear and before the leaves are rolled as a result of these pests.
- **Leafhoppers:** Make applications when leafhoppers first appear, during the nymph stage.
- **Leafminers:** Make two applications with intervals of 10 or more days. Make the first application soon after the petal fall is complete. A second application at the same dosage 10 days later should be applied to the early instar larvae.
- **Mealybugs:** Thorough and uniform coverage is necessary.

- **San Jose Scale:** Make application when crawlers are present. Ensure complete spray coverage of the branches, stems and leaves.
- **Spittlebug:** Apply when spittle masses are present and as new generations develop.

**For Apples and Pears:** Apply full cover sprays after the petal fall is complete. Continue application until the target insects are controlled. Apply up to five (5) foliar applications per season and allow 10 or more days between insecticide applications. Allow seven (7) days between the final application and the apple or pear harvest.

For Apples and Pears, do not apply more than 0.4 lb. a.i. imidacloprid (410 oz. or 3.2 gallons of Dominion Tree & Shrub) per acre per year.

Stage of Trees	Approximate Dates	Apple	Pear
Petal fall	May 22		
1st cover spray, 5-10 days after petal fall	June 1	X	X
2nd cover spray, 10-14 days later	June 15	X	X
3rd cover spray, 10-14 days later	June 29	X	X
4th cover spray, 10-14 days later	July 13	X	X
5th cover spray, 10-14 days later	July 27	X	X
Waiting period before harvest	-	7 days	7 days

**For Peaches:** Apply full cover sprays after the petal fall is complete. Continue application until the listed insects are controlled sufficiently. Use up to three (3) foliar applications per season. Allow at least 7 days between applications.

For Peaches, do not apply more than 0.3 lb a.i. Imidacloprid (307 oz. or 2.4 gallons of Dominion Tree & Shrub) per acre per year.



<b>Stage of Trees</b>	<b>Approximate Dates</b>	<b>Peach</b>
Petal fall	May 25 - June 1	
1st cover spray, 5-10 days after petal fall	June 1	X
2nd cover spray, 7-14 days later	June 8 - 14	X
3rd cover spray, 7-14 days later	June 15 - 21	X
Waiting period before harvest	-	0 days

**For Cherries and Plums:** Apply full cover sprays after the petal fall is complete. Continue application until the target insects are controlled sufficiently. Apply up to five (5) foliar applications per season and allow 10 or more days between insecticide applications. Allow seven (7) days between the final application and the cherry or plum harvest.

For Cherries and Plums, do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of Dominion Tree & Shrub) per acre per year.

<b>Stage of Trees</b>	<b>Approximate Dates</b>	<b>Cherry</b>	<b>Plum</b>
Petal fall	May 22		
1st cover spray, 5-10 days after petal fall	June 1	X	X
2nd cover spray, 10-14 days later	June 15	X	X
3rd cover spray, 10-14 days later	June 29	X	X
4th cover spray, 10-14 days later	July 13	X	X
5th cover spray, 10-14 days later	July 27	X	X
Waiting period before harvest	-	7 days	7 days

**For Pecans:** Apply full cover sprays after the petal fall is complete. Continue application until the listed insects are controlled sufficiently. Use up to three (3) foliar applications per season and allow at least 7 days between applications. Allow seven (7) days between the final application and the pecan harvest.

For Pecans, do not apply more than 0.36 lb. a.i. Imidacloprid (369 oz. or 2.9 gallons of Dominion Tree & Shrub) per acre per year.

<b>Stage of Trees</b>	<b>Approximate Dates</b>	<b>Pecan</b>
Petal fall	Late April	
1st cover spray, 5-10 days after petal fall	May 1	X
2nd cover spray, 10-14 days later	May 15	X
3rd cover spray, 10-14 days later	May 30	X
Waiting period before harvest	-	7 days

### **How to Apply**

Foliar applications with water should be made as a thorough cover spray to provide uniform distribution. Spray to wet all foliage (leaves, stems and branches). Target the undersides of the leaves and try to penetrate dense foliage with the spray droplets.

### **Hose-End Sprayer Instructions**

1. Set the dial to 1½ teaspoons (tsp.). Keep the dial set to this setting while spraying.
2. Add an adequate amount of product to the spray bottle to treat the infested trees. Do not add water to jar.
3. Spray to wet all foliage and direct the spray droplets for an even distribution on the target plants. Any unused product can be poured back into its original container.

Spray volume will vary with the size of the trees and thorough coverage is important. Small trees (less than 15 feet in height) will require approximately 2 gallons of diluted spray per tree. Larger trees (25 feet in height) will require approximately 8 gallons of diluted spray per tree.

**Dilutions and Time Chart** - The estimated amount of diluted spray and the time required to spray one tree with the dial setting of 1½ teaspoons (tsp.)

<b>Tree Height (feet)</b>	<b>Spray Volume per Infested Tree (gallons)</b>	<b>Estimated Time to Spray One Tree (minutes)</b>
15	2	1
20	5	2½
25	8	4
30	15	7½
35	20	10

**Soil Drench to Apple, Pear, Peach, Plum, Cherry and Pecan Trees**  
**Dominion Tree & Shrub** quickly dissolves in water allowing the insecticide to move through the soil into the root zone. Once in the roots, the insecticide moves up through the tree or shrub providing year-long insect protection. **Dominion Tree & Shrub** will also provide protection to new growth. Drench applications to individual trees will control aphids, borers, leafhoppers, lace bugs, mealybugs, scale insects, and other larvae as listed above.

For insect control, the insecticide must move throughout the tree or shrub. The time it takes to do this will depend on the size of the plant that is treated (one week to three months for very large trees). For this reason, apply soil drenches 2-3 months before the expected pest infestation.

For best results, use this product as part of a preventative treatment program before insect damage occurs. Use one soil drench treatment per year during early spring to early fall.

**Dominion Tree & Shrub** can be applied anytime except when the ground is saturated or frozen. These conditions will make movement of the product down into the root zone difficult. When applying this product during dry periods, generously water the tree or shrub the night before treatment.

### **RESTRICTIONS:**

- Do not apply pre-bloom or during bloom or when bees are foraging.
- Do not apply to soil that is frozen or waterlogged.
- **For apple, pear, peach, plum and cherry -**
  - A.** Allow twenty-one (21) days between the final application and harvest.
  - B.** Do not apply more than 0.38 lb. a.i. Imidacloprid (390 oz. or 3 gallons of Dominion Tree & Shrub) per acre per year.
- **For pecans -**
  - A.** Allow seven (7) days between the final application and harvest.
  - B.** Do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of Dominion Tree & Shrub) per acre per year.

Trees that are already heavily infested may not survive due to the existing pest damage and the resulting stress.

### **Determining Amount of Dominion Tree & Shrub to Use**

Measure the circumference (distance around the tree trunk) in inches at chest height or at 4.5 feet from the soil using a flexible tape. Or, measure the diameter of the tree trunk in inches at chest height or at 4.5 feet from the soil.

Mix 1 oz. of **Dominion Tree & Shrub** per inch of circumference of the tree trunk to one (1) gallon of water. Refer to the mixing chart below for the amounts of **Dominion Tree & Shrub** needed.

### **How to Apply**

Apply the solution to the root zone as a band around the base of the tree. Apply one (1) gallon of solution in a circular band from the base of the tree outward for two (2) feet. For trees with trunk diameters more than 16 inches at chest height, apply two (2) gallons of solution in a circular band from the base of the tree outward for three to four (3-4) feet.

Do not irrigate immediately after a soil drench application. Depending on the size and vigor of the tree, the uptake period may vary from one week to three months for larger trees.

Tree Trunk Circumference (inches)	Tree Diameter (inches)	Amount of Dominion Tree & Shrub (fl. oz.)	Volume of Water (gallons)	Band Width of Circular Area Around Base of Tree (outward feet)
8	2	8	1	2'
10	3	10	1	2'
15	5	15	1	2'
20	6	20	1	2'
25	8	25	1	2'
30	10	30	1	2'

### LAWNS

**Dominion Tree & Shrub** kills White Grubs, Mole Crickets, European Crane Fly Larvae and other pests listed in the table below. **Dominion Tree & Shrub** forms a protective barrier in the soil which provides control of listed pests all season long. When applied early, **Dominion Tree & Shrub** 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 Tree & Shrub** may be sprayed over soil or mulch. Remove weed barrier before applying.

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 Bahigrass

## Pests Controlled

Pest	Indication of Damage to Lawns
Adelgids Annual bluegrass Weevil Aphids Billbugs Bluegrass Weevils Chinch bug (suppression) Cutworms (suppression) Elm leaf beetle European crane fly larvae Lacebugs Leafhoppers Leafminers Mealybugs Mole crickets Sawfly larvae Sod webworm Thrips Whiteflies White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenuis, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle)	<b>European crane fly larvae</b> often cause damage by feeding on grass roots and disrupting the soil surface.  <b>Mole crickets</b> often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy and can eventually die.  <b>White grubs</b> cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown and dies. Grubs chew off roots so that the grass is easily pulled up in pieces in your hands. You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for grubs.

### **Application Instructions**

Treat for grubs from the beginning of May to the end of October, or when first noticed.

For grub (larvae) control, ½ inch of rainfall or irrigations should occur within 24 hours after application. Thoroughly wet the lawn a few hours after application.

For armyworm and cutworm control, do not irrigate treated areas within 24 hours after application of this product.

Contact your State Agricultural Extension Service agents for additional recommendations for your area.

### **RESTRICTIONS:**

- Do not water lawn within one hour after applying.
- Do not apply **Dominion Tree & Shrub** to waterlogged areas
- Do not mow treated lawn until after adequate rainfall or irrigation has occurred.
- Do not exceed one application of **Dominion Tree & Shrub** per season for lawns.
- Do not allow children and pets to re-enter the treated area until after the spray has dried.
- Do not allow this product to contact plants in bloom if bees are foraging in the treatment area.
- Do not apply more than 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of **Dominion Tree & Shrub**) per acre per year. (Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.)

### **Hand-Operated Sprayers**

Including backpack, compression, knapsack or tank type sprayers and low pressure boom sprayers.

For lawns, mix 2 to 3 fl. oz. of **Dominion Tree & Shrub** per one (1.0) gallon of water for treating approximately 333 sq. ft. of lawn. Use the higher rate for heavier infestations of insect pests.

Gallons of Water	Fluid ounces (fl. oz.) of Dominion Tree & Shrub	Tablespoons (tbs.) of product	Area to be treated (sq. ft.)
1 gallon	2.0 - 3.0 fl. oz.	4 - 6 tbs.	333 sq. ft.
2 gallons	4.0 - 6.0 fl. oz.	8 - 12 tbs.	666 sq. ft.
3 gallons	6.0 - 9.0 fl. oz.	12 - 18 tbs.	1,000 sq. ft.

1.0 fl. oz. = 2 tablespoons

### 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 at application site 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.

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## **DOMINION<sup>®</sup> TREE & SHRUB INSECTICIDE CONCENTRATE**

- Controls Aphids, Grubs, Mole Crickets and Other Listed Insects
- For Use on Lawns, Flowers, Trees & Shrubs including listed Fruit and Nut Trees
- Kills listed insects, including Japanese Beetles & Emerald Ash Borers
- Prevents new infestations
- Protects against listed insects for up to 12 months
- Provides up to 12 months of Systemic Protection against listed insects

For Outdoor Residential Use Only.

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

**ACTIVE INGREDIENT:**

Imidacloprid ..... 1.47%

**OTHER INGREDIENTS:** ..... 98.53%

**TOTAL:** ..... 100.00%

**EPA Reg. No. 53883-205**

**EPA Est. No. 53883-TX-002**

### **KEEP OUT OF REACH OF CHILDREN CAUTION**

See Label Booklet for First Aid and  
Additional Precautionary Statements

Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

EPA 070814