

**ferti·lome<sup>®</sup>**

# Tree & Shrub Drench

- Systemic insect protection for the entire plant
- Protects against listed insects for up to 12 months
  - Cannot be washed off by rain or water
- Kills listed insects, including Japanese Beetles & Emerald Ash Borers
  - Just mix in water and pour around tree or shrub

**FOR OUTDOOR RESIDENTIAL USE ONLY**

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

**KEEP OUT OF REACH  
OF CHILDREN**

**CAUTION**

See Booklet for First Aid and Additional  
Precautionary Statements and  
Directions for Use.

**ACTIVE INGREDIENTS:**

Imidacloprid ..... 1.47%

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


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

**NET CONTENTS ONE QUART (32 FL. OZ. / 946 ML)**

ferti•lome® Tree & Shrub Drench

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

In the event of a medical or chemical emergency, contact  North America 1-800-255-3924

**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.

Manufactured By:



230 FM 87

BONHAM, TX 75418

EPA Reg. No. 53883-205-7401

EPA Est. No. 7401-TX-01

855-270-4776



PEEL BACK BOOK HERE 



230 FM 87 • BONHAM, TX 75418  
EPA Reg. No. 53883-205-7401  
EPA Est. No. 7401-TX-01  
Product Questions? 855-270-4776

11206-0320-REG5



**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 **ferti•lome® Tree & Shrub Drench** 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.

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.

Shake well before using.

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



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

#### RESTRICTIONS FOR ALL USES:

- 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.
- Regardless of application method, 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.

Read and follow all label directions.

### Soil Drench to Individual Trees and Shrubs

**ferti•lome® Tree & Shrub Drench** 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. **ferti•lome® Tree & Shrub Drench** will also provide control to new growth. Drench applications to individual trees will control pests listed below:

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

**ferti•lome® Tree & Shrub Drench** 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 2/3 the distance from the truck to the dripline. Inject at a depth of 8-12 inches.

## TREES

### Determining Amount of ferti•lome® Tree & Shrub Drench 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 ferti•lome® Tree & Shrub Drench per inch of circumference of the tree trunk to one (1) gallon of water. Refer to the mixing chart below for the amounts of ferti•lome® Tree & Shrub Drench 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 ferti•lome® Tree & Shrub Drench) 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.

Tree Trunk Circumference (inches)	Tree Diameter (inches)	Amount of ferti•lome® Tree & Shrub Drench (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'
35	11	35	1	3-4'
40	12	40	1	3-4'
45	14	45	1	3-4'
50	16	50	2	3-4'
55	18	55	2	3-4'

## SHRUBS

### Determining Amount of ferti•lome® Tree & Shrub Drench 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 ferti•lome® Tree & Shrub Drench 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 ferti•lome® Tree & Shrub Drench) 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) feet. 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.

Shrub Height (feet)	Amount of ferti•lome® Tree & Shrub Drench (fl. oz.)	Volume of Water (gallons)	Band Width of Circular Area Around Base of Shrub (outward feet)
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.

### RESTRICTIONS:

- Do not apply pre-bloom or during bloom or when bees are foraging.

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

### Soil Drench to Apple, Pear, Peach, Plum, Cherry and Pecan Trees

**ferti•lome® Tree & Shrub Drench** 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. **ferti•lome® Tree & Shrub Drench** 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.

**ferti•lome® Tree & Shrub Drench** 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 **ferti•lome® Tree & Shrub Drench**) 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 **ferti•lome® Tree & Shrub Drench**) 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 ferti•lome® Tree & Shrub Drench 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 **ferti•lome® Tree & Shrub Drench** per inch of circumference of the tree trunk to one (1) gallon of water. Refer to the mixing chart below for the amounts of **ferti•lome® Tree & Shrub Drench** 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.

<b>Tree Trunk Circumference (inches)</b>	<b>Tree Diameter (inches)</b>	<b>Amount of ferti•lome® Tree &amp; Shrub Drench (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'
35	11	35	1	3-4'
40	12	40	1	3-4'
45	14	45	1	3-4'
50	16	50	2	3-4'
55	18	55	2	3-4'

## 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 and Container Handling: 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.

**NOTICE:** To the extent consistent with applicable law, Buyer assumes all responsibility for safety and use not in accordance with directions.