

ferti•lome®

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%**

511207F-1

NET CONTENTS: ONE GALLON (128 FL. OZS. / 3.785 LITERS)

ferti•lome® Tree & Shrub Drench

PEEL BACK BOOK HERE

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** ChemTel INC. **North America 1-800-255-3924 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.

Manufactured By:
VPG Voluntary Purchasing Groups, Inc.
230 FM 87
BONHAM, TX 75418
EPA Reg. No. 53883-205-7401
EPA Est. No. 7401-TX-01
Product Questions? 855-270-4776

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511207B-1



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. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: 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 0.4 lb. a.i. Imidacloprid (410 oz. or 3.2 gallons of **ferti•lome® Tree & Shrub Drench**) per acre per year
- Do not apply this product, by any application method to linden, basswood, or other *Tilia* species.

Read and follow all label directions.

ESTABLISHED ORNAMENTALS IN RESIDENTIAL AREAS

ferti•lome® Tree & Shrub Drench is for use on outdoor trees, shrubs and groundcovers in landscape plantings as listed in the table below:

RESTRICTIONS FOR ORNAMENTALS:

- Do not apply to soil that is frozen or waterlogged.
- Keep people 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 apply this product while bees are foraging.
- Do not apply to plants that are blooming. Only apply after all flower petals have fallen off.
- 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.

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

ferti•lome® Tree & Shrub Drench is for use to kill the pests listed in the table below on outdoor trees and shrubs.

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

Foliar Applications

Use **ferti•lome® Tree & Shrub Drench** 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, prior to blooming or after all flower petals have fallen off. 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 (1 ½) teaspoons (tsp) of **ferti•lome® Tree & Shrub Drench** per one (1) gallon of water.

Spray Volume Gallons of Water	Teaspoons (tsp.) of **ferti•lome® Tree & Shrub Drench**	Tablespoons (tbs.) of **ferti•lome® Tree & Shrub Drench**
1 gallon	1 ½ tsp.	½ tbs.
2 gallons	3 tsp.	1 tbs.
3 gallons	4 ½ tsp.	1 ½ tbs.

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

Hose-End Sprayer Instructions

1. Set the dial to 1 ½ 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 **ferti•lome® Tree & Shrub Drench** provides systemic activity and longer residual control as compared to foliar applications. **ferti•lome® Tree & Shrub Drench** 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.

Pests Controlled	
Adelgids	Elm Leaf Beetles
Aphids	Viburnum Leaf Beetles
Armored scales (suppression)	Leafhoppers
Black Vine Weevil Larvae	Leafminers
Borers: Roundheaded Borers (incl. Eucalyptus Longhorned Borers and Asian Longhorned Beetles) Flatheaded Borers (incl. Bronze Birch, Alder Borers, and Emerald Ash Borers)	Mealybugs
	Pine Tip Moth Larvae
	Psyllids
Japanese Beetles (adult)	Royal Palm Bugs
Lacebugs	Sawfly Larvae
	Soft Scale (suppression)
	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 **ferti•lome® Tree & Shrub Drench** 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 **ferti•lome® Tree & Shrub Drench**

Hand-Operated Sprayers

Including backpack, compression, knapsack or tank type sprayers.

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

Spray Volume Gallons of Water	Fluid Ounces (fl. oz.) of ferti•lome® Tree & Shrub Drench	Tablespoons (tbs.) of ferti•lome® Tree & Shrub Drench	Area to be treated sq. ft.
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

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

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
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 of 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 **ferti•lome® Tree & Shrub Drench**) 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 and 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 **ferti•lome® Tree & Shrub Drench**) per acre per year.

Stage of Trees	Approximate Dates	Peach
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 **ferti•lome® Tree & Shrub Drench**) per acre per year.

Stage of Trees	Approximate Dates	Cherry	Plum
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 **ferti•lome® Tree & Shrub Drench**) per acre per year.

Stage of Trees	Approximate Dates	Pecan
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 1 ½ 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 then 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 1 1/2 teaspoons (tsp.)

Tree Height (feet)	Spray Volume per Infested Tree (gallons)	Estimated Time to Spray One Tree (minutes)
15	2	1
20	5	2 ½
25	8	4
30	15	7 ½
35	20	10

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.

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’

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

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