

**ferti·lome<sup>®</sup>**



**Borer, Bagworm, Tent  
Caterpillar & Leafminer Spray**  
**Contains Spinosad**

**KEEP OUT OF REACH  
OF CHILDREN**

Refer to label booklet  
for Directions for Use.

**ACTIVE INGREDIENTS:**

Spinosad (A mixture of Spinosyn A and  
Spinosyn D) ..... 0.5%

**OTHER INGREDIENTS:**..... 99.5%

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

Contains 0.04 lb. of active ingredient per gallon.

U.S. Patent No. 5,362,634 and 5,496,931

**NET CONTENTS (16 FL. OZ. / 473 ML)**

ferti•lome® Borer, Bagworm, Tent Caterpillar & Leafminer Spray

**Notice:** Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies at end of booklet. If terms are unacceptable, return at once unopened.**

#### PRECAUTIONARY STATEMENTS ENVIRONMENTAL HAZARDS

This product is toxic to bees exposed to treatment for 3 hours following treatment. Do not apply this pesticide to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period. This product is toxic to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

#### PHYSICAL OR CHEMICAL HAZARDS

**Combustible.** Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

**For residential use in home gardens, lawn and ornamentals. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.**

ferti•lome® is a registered trademark of Voluntary Purchasing Groups, Inc.

Manufactured By:



230 FM 87

BONHAM, TEXAS 75418

EPA Reg. No. 62719-314-7401

EPA Est. 7401-TX-1

Visit Us At:

[www.fertilome.com](http://www.fertilome.com)

Product Questions? 855-270-4776



PEEL FROM CORNER OF BOOKLET

**Manufactured By:**



**230 FM 87 • BONHAM, TX 75418**

**EPA Reg. No. 62719-314-7401**

**EPA Est. No. 7401-TX-01**

**Visit Us At: [www.fertilome.com](http://www.fertilome.com)**

**Product Questions? 855-270-4776**



7 32221 10082 4

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

**Pesticide Storage:** Store in original container only in secure or locked storage area.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** is intended for control of worms (Caterpillars) and other listed insects. **ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** does not significantly impact predatory beneficial insects, predatory mites, and spiders while controlling target pests. Susceptible insect pests may be observed on plants up to several hours after treatment, but will have ceased active feeding before being killed. This product is classified as an organic substance by the USDA National Organic Standards Board.

## HOW TO MIX

Add the required amount of **ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** to the recommended amount of water, mix thoroughly, and apply uniformly to both upper and lower surfaces of plant foliage. It is recommended to mix only as much spray as needed for a single treatment. In vegetable gardens, it is recommended to use not more than 3 gallons of spray for 1000 sq. ft. of area. Do not use kitchen utensils for measuring. Keep measuring utensils with product and away from children.

Unit of Measure†	Amount of ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY to Use per Pint, Quart or Gallon of Spray		
	Per Pint (16 fl. oz.) of Spray	Per Quart (32 fl. oz.) of Spray	Per Gallon (128 fl. oz.) of Spray
Fluid Ounces (fl. oz.)	0.25 fl. oz.	0.5 fl. oz.	2.0 fl. oz.
Milliliters (ml.)	7.5 ml.	15 ml.	60 ml.
Tablespoons (Tbs.)	1/2 Tbs.	1 Tbs.	4 Tbs.
Teaspoons (tsp.)	1 1/2 tsp.	3 tsp.	12 tsp.

†Conversion factors:

1 fl. oz. = 30 ml. = 2 tablespoons (Tbs.) = 6 teaspoons (tsp.)

(1 teaspoon = 1/3 tablespoon)

## HOW TO APPLY

### Shake Well Before Use

**ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** may be applied with trigger sprayer, hand-held, backpack, or hose-end sprayers. Use a hose-end sprayer that can be adjusted to provide a dilution ratio of about 2 fl. oz. of **ferti•lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** (4 Tbs.) per gallon of spray.

## WHEN TO APPLY

Apply when listed pests are present. Repeat applications may be made as indicated in the home gardens section. See your state extension service recommendations for treatment guidelines in your area.

**USES  
HOME GARDEN**

In the state of Georgia, do not apply this product to: Broccoli Raab, Chinese Cabbage (Bok Choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens.

**HOME GARDEN TREATMENT RECOMMENDATIONS**

<b>Crops</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Season</b>	<b>Minimum Days to Wait Before Reapplying</b>	<b>Minimum Days to Wait from Last Application to Harvest</b>
<b>Apple and Other Pome Fruits</b> <b>Including:</b> Crabapples Mayhaw, Pears Quince	Codling Moth Leafminers Leafrollers Oriental Fruit Moth Tufted Apple Budmoth	6	10	7
<b>Asparagus</b> (post-harvest to protect Ferns)	Asparagus Beetles	4	7	60

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Bushberries and Caneberries, Including:</b> Blackberry Blueberry, Currant Elderberry Gooseberry Huckleberry Juneberry Lingonberry Loganberry Raspberry Salal	Armyworms Fireworms Fruitfly (Suppression) Fruitworms Leafrollers Loopers Thrips	6	6	3

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Citrus Trees, Including:</b> Grapefruit Lemons Limes Oranges Tangerines (to prevent fruit scaring from Thrips, treat when fruit is marble size)	Katydid Leafminers Thrips Worms (Caterpillars)	6	6	1
<b>Cole Crops (Brassica Vegetables), Including:</b> Broccoli, Broccoli Raab, Brussels Sprouts Cauliflower Cavalo	Cabbage Looper Diamond back Moth Imported Cabbage Worm Leafminers Worms	6	4	1



### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
Broccoli Cabbage Chinese Cabbage (Bok Choy) Chinese Cabbage (Napa) Chinese Mustard Cabbage (Gai Choy) Collards Kale Kohlrabi Mizuna Mustard Greens Mustard Spinach Rape Greens	Cabbage Looper Diamond back Moth Imported Cabbage Worm Leafminers Worms	6	4	1

**HOME GARDEN TREATMENT RECOMMENDATIONS**

<b>Crops</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Season</b>	<b>Minimum Days to Wait Before Reapplying</b>	<b>Minimum Days to Wait from Last Application to Harvest</b>
<b>Cucurbits, Including:</b> Cucumber Edible Gourds Muskmelons (Cantaloupe, Honeydew, etc.) Pumpkin Summer and Winter Squash Watermelon	Leafminers Thrips Worms (Caterpillars)	6	5	All except Cucumber, 3 Cucumber, 1

**HOME GARDEN TREATMENT RECOMMENDATIONS**

<b>Crops</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Season</b>	<b>Minimum Days to Wait Before Reapplying</b>	<b>Minimum Days to Wait from Last Application to Harvest</b>
<b>Fruiting Vegetables, Including:</b> Eggplant Ground Cherry Okra Pepino Pepper Tomatillo Tomato	Colorado Potato Beetle Leafminers Thrips Worms (Caterpillars)	6	4	1
<b>Grape</b>	Leafrollers Thrips Worms (Berry Moth)	6	5	7
<b>Leafy and Dried Herbs</b>	Leafminers Thrips Worms (Caterpillars)	5	7	1

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Leafy Vegetables, Including:</b> Arugula Celery Chervil Corn Salad Cress Dandelion Dock Edible Chrysanthemum Endive Fennel Garden Purslane Head and Leaf Lettuce Parsley Radicchio Rhubarb Spinach Swiss Chard	Leafminers Worms (Caterpillars)	6	4	1

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Stone Fruits, Including:</b> Apricots Cherries Nectarines Peaches Plums Prunes	Borers Fruit Flies Leafminers Leafrollers Thrips Worms (Caterpillars)	6	7	Peach Apricot all except Cherry Plum Prune Nectarine, 14 Cherry Plum Prune, 7 Nectarine, 1
<b>Strawberry</b>	Armyworms Leafrollers Thrips	6	5	1

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Succulent Beans and Peas, Including:</b> Blackeyed Pea Garbanzo Bean Garden Pea Lima Bean Snap Bean Snow Pea	Borers Leafminers Thrips Worms (Caterpillars)	6	5	3
<b>Sweet Corn and Popcorn</b> (for Earworms, treat silk frequently as it grows)	Corn Borers Worms (Caterpillars) including Earworm	6	3	1

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Tree Nuts, Including:</b> Almonds Cashew Chestnut Macadamia Pecans Pistachio Walnuts	Husk Fly (Suppression) Leafrollers Navel Orangeworms Peach Twig Borer Shuckworms Webworms	5	7	14
<b>Tree Fruits:</b> Atemoya Avocado Cherimoya Custard Apple Guava, Longan Lychee Mango Papaya Passionfruit Rambutan Sapodilla Sapote Star Apple Star Fruit Wax Jambu	Suppression of Worms or Caterpillars, Thrips, and Katydid	4	7	1

### HOME GARDEN TREATMENT RECOMMENDATIONS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>Tuberous and Corm Vegetables, Including:</b> Cassava Chayote Root Chinese Artichoke Ginger Jerusalem Artichoke Potatoes Sweet Potatoes Tumeric Yams	Colorado Potato Beetle Corn Borers Leafminers Thrips Worms (Caterpillars)	6	7	7
<b>All crops listed in this table</b>	Fire Ants	See application directions in following table		



**LAWN AND ORNAMENTAL RECOMMENDATIONS**

<b>Use Site</b>	<b>Pests Controlled</b>	<b>Comments</b>
Lawns	Worms, including small (<3/4") Armyworm, and Sod Webworm Cat Fleas (Suppression only)	Mix the amount of <b>ferti-lome® BORER, BAGWORM, TENT CATERPILLAR &amp; LEAFMINER SPRAY</b> recommended per gallon of spray and uniformly apply a minimum of 3 gallons of spray per 1,000 sq. ft. of area. Delay watering or mowing for 12 to 24 hours after application. <b>Armyworms:</b> For best results, apply in early morning or late afternoon. <b>Cat Fleas:</b> Apply early or late in the day since control requires contact with dilute spray before drying. Thorough coverage is necessary. Reapply in 7 to 14 days to control adults that have emerged from pupae present at time of initial treatment.

**LAWN AND ORNAMENTAL RECOMMENDATIONS**

<b>Use Site</b>	<b>Pests Controlled</b>	<b>Comments</b>
Outdoor Ornamentals (Herbaceous and Woody Plants)	Emerald Ash Borer <sup>1</sup> Gall Midges Leaf Feeding Beetles Leafminers Sawfly Larvae Spider Mites <sup>2</sup> Thrips Worms, including Loopers Webworms Bagworms Gypsy Moth and Tent Caterpillars	Mix the amount of <b>ferti-lome® BORER, BAGWORM, TENT CATERPILLAR &amp; LEAFMINER SPRAY</b> recommended per pint, quart or gallon of spray and uniformly spray foliage to point of runoff. Uniform coverage of upper and lower leaf surfaces is essential for effective insect control.

### LAWN AND ORNAMENTAL RECOMMENDATIONS

Use Site	Pests Controlled	Comments
Lawns Ornamentals Home Gardens (see listed crops in previous table) and other outdoor areas	Fire Ants	<p><b>Individual Fire Ant Mounds:</b> Mix the amount of <b>ferti-lome® BORER, BAGWORM, TENT CATERPILLAR &amp; LEAFMINER SPRAY</b> recommended per gallon of spray and use a sprinkler can or similar device to apply the diluted spray as a mound drench, using 1 to 2 gallons per mound. Do not use pressurized sprays. Apply about 10% of the spray volume around the perimeter of the mound and the remainder directly to the mound. Do not disturb Fire Ant mound prior to application. If possible, apply following recent rainfall. For best results apply when weather is cool, 65°F to 85°F, or in early morning or late evening.</p>

<sup>1</sup>Mix 5 fl. oz. of this product per gallon of spray and apply to foliage and bark of the tree when adult Emerald Ash Borer are first observed emerging from the bark or when adult Emerald Ash Borer are first noticed feeding on the leaves of the tree. Reapply every 7 to 10 days until no additional adult Emerald Ash Borer activity is observed. Applications to trees already heavily infested may not prevent the eventual loss of the tree due to existing pest damage.

<sup>2</sup>Apply when Spider Mites are first observed prior to webbing and before Mite populations have become severe. Reapply after 7 to 10 days (3 to 5 days in greenhouses and structures that can be altered to be closed or open) to contact newly hatched nymphs and repeat until infestation is managed. **Uniform coverage of both upper and lower leaf surfaces is critical.** Addition of a nonionic spray adjuvant at 0.1% v/v has been shown to enhance control of Spider Mites (follow surfactant manufacturer's label recommendations).

#### **TERMS AND CONDITIONS OF USE**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the Seller for a full refund of purchase price paid. Otherwise, use by the Buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

The registrant acknowledges that this product may be misbranded if one or more of its ingredients, active and/or inert, is reclassified as non-organic and/or removed from the United States Department of Agriculture (USDA) National List of approved substances for use in organic production and handling. If one or more of the ingredients in this pesticide product are so reclassified and/or removed (delisted) from the National List, the registrant will take appropriate remedial measures with respect to the labeling for this product.

#### **WARRANTY DISCLAIMER**

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below.

### **WARRANTY DISCLAIMER (Cont.)**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELLER MAKES NO OTHER EXPRESS NOR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

### **LIMITATIONS OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by Buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

### **LIMITATIONS OF REMEDIES (Cont.)**

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.