ferti·lome®

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.
8249.17

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 One Pint (16 FL. OZS.)

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

25M-12-0212FK

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.

Manufactured By:

VPG Voluntary Purchasing Groups, Inc.

230 FM 87
BONHAM, TEXAS 75418

EPA Reg. No. 62719-314-7401
EPA Est. 7401-TX-1

Visit Us At:
www.fertilome.com

7 32221 10082 4

PEEL FROM CORNER OF BOOKLET

STORAGE AND DISPOSAL

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 GARDENS

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

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

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Bushberries and Caneberries, including: Blackberry, Blueberry, Currant, Elderberry, Gooseberry, Huckleberry, Juneberry, Lingonberry, Loganberry, Raspberry, and salal.	Armyworms, Fireworms, Fruitfly (Suppression) Fruitworms, Leafrollers, Loopers, Thrips	6	6	3

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Citrus Trees, including: Grapefruit, Lemons, Limes, Oranges, and Tangerines (to prevent fruit scaring from Thrips, treat when fruit is marble size)	Katydids Leafminers Thrips Worms (Caterpillars)	6	6	1

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait before Reapplying	Minimum Days to Wait from Last Application to Harvest
Cole Crops (Brassica Vegetables), including: Broccoli, Broccoli Raab, Brussels Sprouts, Cauliflower, Cavalo, Chinese Broccoli, Cabbage, Chinese Cabbage (Bok Choy), Chinese Cabbage (Napa), Chinese Mustard Cabbage (Gai Choy), Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, and Rape Greens	Cabbage Looper Diamondback Moth Imported Cabbage Worm Leafminers Worms	6	4	1

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Cucurbits, including: Cucumber, Edible Gourds, Muskmelons, (Cantelope, Honeydew, etc.), Pumpkin, Summer and Winter Squash, and Watermelon	Leafminers Thrips Worms (Caterpillars)	6	5	All except Cucumber, 3 Cucumber, 1
Fruiting Vegetables, including: Eggplant, Ground Cherry, Okra, Pepino, Pepper, Tomatillo, and Tomato	Colorado Potato Beetle Leafminers Thrips Worms (Caterpillars)	6	4	1

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Grape	Leafrollers Thrips Worms (Berry Moth)	6	5	7
Leafy and Dried Herbs	Leafminers Thrips Worms (Caterpillars)	5	7	1

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Leafy Vegetables, including: Arugula, Celery, Chervil, Corn Salad, Cress, Dandelion, Dock, Edible Chrysanthemum, Endive, Fennel, Garden Purslane, Head and Leaf Lettuce, Parsley, Radicchio, Rhubarb, Spinach, and Swiss Chard	Leafminers Worms (Caterpillars)	6	4	1

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*

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

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

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait before Reapplying	Minimum Days to Wait from Last Application to Harvest
Tree Nuts, including: Almonds, Cashew, Chestnut, Macadamia, Pecans, Pistachio, and Walnuts	Husk Fly (Suppression) Leafrollers Navel Orangeworms Peach Twig Borer Shuckworms Webworms	5	7	14

HOME GARDEN TREATMENT RECOMMENDATIONS *(Continued)*				
Crops	**Pests Controlled**	**Maximum Number of Applications per Season**	**Minimum Days to Wait before Reapplying**	**Minimum Days to Wait from Last Application to Harvest**
Tree Fruits: Atemoya, Avocado, Cherimoya, Custard Apple, Guava, Longan, Lychee, Mango, Papaya, Passionfruit, Rambutan, Sapodilla, Sapote, Star Apple, Star Fruit, and Wax Jambu	Suppression of Worms or Caterpillars, Thrips, and Katydids	4	7	1

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

LAWN AND ORNAMENTAL RECOMMENDATIONS *(Continued)*		
Use Site	**Pests Controlled**	**Comments**
Lawns	Worms, including small (<3/4") Armyworm, and Sod Webworm Cat Fleas (Suppression only)	Mix the amount of **ferti-lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** 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. **Armyworms:** For best results, apply in early morning or late afternoon. **Cat Fleas:** 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 *(Continued)*		
Use Site	**Pests Controlled**	**Comments**
Outdoor Orna-mentals (Herba-ceous and Woody Plants)	Emerald Ash Borer[1] Gall Midges Leaf Feeding Beetles Leafminers Sawfly Larvae Spider Mites[2] Thrips Worms, including Loopers, Webworms, Bagworms, Gypsy Moth, and Tent Caterpillars	Mix the amount of **ferti-lome® BOR-ER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** 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 *(Continued)*		
Use Site	**Pests Controlled**	**Comments**
Lawns, Ornamentals, Home Gardens (see listed crops in previous table) and other outdoor areas	Fire Ants	**Individual Fire Ant Mounds:** Mix the amount of **ferti-lome® BORER, BAGWORM, TENT CATERPILLAR & LEAFMINER SPRAY** 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 to 85°F, or in early morning or late evening.

[1]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.

[2]Apply when Spider Mites are first observed prior to webbing and before Mite populations have become severe. Reaply 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. 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.

LIMITATION 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.

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.

- For Residential Use in Home Gardens, Lawns, and Ornamentals
- FOR USE ON FRUITS, NUTS AND VEGETABLES SUCH AS: apples, peaches, tomatoes, herbs, cabbage and other listed uses.

ferti·lome®

Borer, Bagworm, Tent Caterpillar & Leafminer Spray

Manufactured By:

VPG™ Voluntary Purchasing Groups, Inc.

230 FM 87 • BONHAM, TEXAS 75418
EPA Reg. No. 62719-314-7401
EPA Est. 7401-TX-1
Visit Us At: www.fertilome.com

7 32221 10082 4