

# **CONSERVE\*** **NATURALYTE\*** **INSECT CONTROL**

Not intended to imply environmental safety either alone or compared to other products.

**Active Ingredient:**

Spinosad (a mixture of spinosyn A and spinosyn D) .....	0.5%
Inert Ingredients: .....	<u>99.5%</u>
Total: .....	100.0%

\*Trademark of Dow AgroSciences LLC  
Contains 0.04 lb. of active ingredient per gallon.

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

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Distributed by:

**Southern Agricultural  
Insecticides, Inc.**

P.O. Box 218 Palmetto, FL 34220  
B3 EPA Est. No. 829-FL-1  
EPA Reg. No. 62719-314-829

B3

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## CONTAINS SPINOSAD

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**If terms are unacceptable, return at once unopened.**

**Keep Out Of Reach Of Children**

### 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.

## 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.**

### Storage and Disposal

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

**PESTICIDE STORAGE:** Store in the 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 or 1-800-992-5994 for disposal instructions.

Never place unused product down any indoor or outdoor drain.

Conserve\* Naturalyte\* Insect Control insect control product is intended for control of worms (caterpillars) and other listed insects. Conserve\* Naturalyte\* Insect Control insect control 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.

## HOW TO MIX

Add the required amount of Conserve Naturalyte to the specified amount of water, mix thoroughly, and apply uniformly to both upper and lower surfaces of plant foliage. Mix only as much spray as needed for a single treatment. In vegetable gardens, for best results, do not use 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.

<b>Unit of Measure<sup>†</sup></b>	<b>Per Pint (16 fl oz) of Spray</b>	<b>Per Quart (32 fl oz) of Spray</b>	<b>Per Gallon (128 fl oz) of Spray</b>
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

<sup>†</sup> 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

Conserve Naturalyte Insect Control 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 ration of about 2 fl. oz. of Conserve Naturalyte Insect Control (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" table. See your state extension service recommendations for treatment guidelines in your area.

## Uses

### Home Garden

In the state of Georgia, do not apply Conserve Naturalyte Insect Control to: broccoli raab, collards, mustard greens, mustard spinach.

<b>Crop</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Calendar year</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</b>	codling moth, European grapevine moth, leafrollers,	6	10	7
Fruits including crab-apples, loquat, mayhaw, pears, and quince	leafminers, light brown apple moths, oriental fruit moth, thrips, tufted apple budmoth			
<b>bulb vegetables</b> including garlic, green onion, leek and shallot	armyworms, dipteran leafminers, European corn borer, flea beetle, loopers, thrips (suppression)	5	4	1
<b>bushberries</b> including blueberry, currant, elderberry, gooseberry, huckleberry, juneberry, and salal	armyworms, European grapevine moth, fireworms, fruitfly (suppression), fruit worms, leafrollers, light brown apple moth, loopers, thrips	6	6	3

<b>Crop</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Calendar year</b>	<b>Minimum Days to Wait before Reapplying</b>	<b>Minimum Days to Wait from Last Application to Harvest</b>
<b>caneberries</b> including blackberry, black raspberry, loganberry, red raspberry, and cultivars and/or hybrids of these	armyworms, European grapevine moth, fireworms, fruitworms, leafrollers, light brown apple moth, loopers, sawfly	6	5	1
<b>citrus trees</b> , including grapefruit, lemons, limes, oranges, and tangerines (to prevent fruit scaring from thrips, treat when fruits marble size).	katydids, leafminers, thrips, worms (caterpillars)	6	6	1
<b>cole crops (brassica vegetables)</b> including: broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, Chinese broccoli, kale, collards, mustard greens, mustard spinach	armyworms, cabbage looper, diamondback moth, flea beetle (suppression), imported cabbage worm, leafminers, thrips worms (caterpillars),	6	4	1

<b>Crop</b>	<b>Pests Controlled</b>	<b>Maximum Number of Applications per Calendar year</b>	<b>Minimum Days to Wait before Reapplying</b>	<b>Minimum Days to Wait from Last Application to Harvest</b>
<b>cucurbits</b> , including cucumber, summer and winter squash, muskmelons (cantaloupe, honeydew, etc.), pumpkin, and watermelon	Armyworm, leafminers, loopers, thrips, worms (caterpillars)	6	5	All except cucumber, 3
<b>fruiting vegetables</b> , including: eggplant, groundcherry, okra, pepino, pepper, tomatillo, and tomato	Colorado potato beetle, European corn borer, flea beetle, leafminers, loopers, thrips, worms (caterpillars)	6	4	1
<b>grape</b>	European grapevine moth, leafrollers, light brown apple moth, thrips, worms (berry moth)	6	5	7
<b>leafy and dried herbs</b> including angelica, balm, basil, borage, burnet, camomile, catnip, chervil (dried), chive, cilantro,	leafminers, loopers, thrips, worms (caterpillars),	5	5	1

(continued next page)

Crop	Pests Controlled	Maximum Number of Applications per Calendar year	Minimum Days to Wait before Reapplying	Minimum Days to Wait from Last Application to Harvest
cilantro (leaf), clary, coriander (leaf), costmary,		6	10	7
curry (leaf), dilweed, horehound, hyssop, lavender, lemongrass, lovage (leaf), marigold, marjoram, nasturtium, parsley (dried), pennyroyal, rosemary, rue, sage, savory (summer and winter), <u>sweet bay, fanny, tarragon, thyme, wintergreen, woodruff, and wormwood.</u>				
<b>leafy vegetables,</b>	diamondback moth,	6	4	1
including arugula, celery, chervil, corn salad, dandelion, dock, endive (escarole), garden cress, garden purslane, head lettuce, leaf lettuce, orach, parsley, <u>rhubarb, spinach, and Swiss chard</u>	leafminers, loopers, thrips, worms (caterpillars)			
<b>potatoes, tuberous and corn vegetables,</b>	artichoke plume moth, Colorado potato beetle, corn borers, leafminers, loopers, thrips, worms (caterpillars)	6	7	artichoke, 2 all others, 7
Chinese artichoke, <u>ginger, potatoes, sweet potatoes, true yams and tumeric</u>				

Crop	Pests Controlled	Maximum Number of Applications per Calendar year	Minimum Days to Wait before Reapplying	Minimum Days to Wait from Last Application to Harvest
<b>root vegetables</b>	armyworms, European corn borer, flea beetle	3	7	3
including black salsify, carrot, cereriac, chicory, edible burdock, garden beet, ginseng, horseradish, parsnip, radish, rutabaga, <u>sugar beet, turnip, turnip-rooted chervil, turnip rooted parsley</u>	leaf miners, loopers, thrips			
<b>stone fruit,</b>	borers, European grapevine moth, fruit flies, fruitworm, leafminers, leafrollers, light brown apple moth, oriental fruit moth, thrips, worms (caterpillars).	6	7	apricot, all except cherry, peach, plum, prune, nectarine 14 cherry, plum prune, 7 nectarine, peach 1
including: apricots, cherries, nectarines, peach, plum, and prune				
<b>strawberry</b>	armyworms, European grapevine moth, leafrollers, light brown apple moth, thrips,	5	5	1
<b>succulent and dried beans and peas, including:</b>	borers, leafminers, loopers thrips black-eyed pea, borers, leafminers, crowder pea, garden pea, field bean, garbanzo bean, lima bean, pigeon peas, pinto bean, snap bean, sugar snap pea, and wax bean.	6	5	succulent 3 dried, 28

sweet corn and popcorn (for earworms, treat silk frequently as it grows)	corn borers, earworm, worms (caterpillars).	6	3	1
<b>all crops listed in this table</b>	fire ants	See application directions in Lawns and Ornamentals		

### Lawns and Ornamentals

Use Site	Pests Controlled	Directions
lawns	worms, including small (<3/4") armyworm, and sod webworm Cat fleas (suppression only)	Mix the amount of this Conserve specified per gallon of spray and uniformly apply a minimum of 3 gallons of spray per 1000 sq ft of area. Delay watering or mowing for 12-24 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.	
outdoor mentals (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 Conserve specified 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.

lawns, ornamentals home gardens (see listed crops in previous table) and other outdoor areas

Fire ants

**Individual Fire Ant Mounds:** Mix the amount of Conserve specified per gallon of spray and use a sprinkler can or similar device to apply the diluted spray as a 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.

<sup>1</sup>Mix 5 fl oz of Spinosad 0.5% SC 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 7-10 days (3-5 days in greenhouses and structures that can be altered to be closed or open) to contact newly hatched nymphs and repeat until infestations in 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 Limitations 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.

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 PERMITTED BY 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 permitted by 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 permitted by 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.