

BOOKLET



CONSERVE*
NATURALYTE*
INSECT CONTROL

CONTAINS SPINOSAD

FOR RESIDENTIAL USE IN HOME GARDENS, LAWNS AND ORNAMENTALS.
For control of foliage feeding worms (caterpillars), thrips and other listed pests. Fire ant control in lawns, ornamentals, home gardens and other outdoors areas.

Active Ingredient:

Table with 2 columns: Ingredient name and percentage. Spinosad (a mixture of spinosyn A and spinosyn D) 0.5%, Other Ingredients: 99.5%, Total: 100.0%

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

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Environmental Hazards

This product is highly 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.

Shake Well Before Use — Avoid Freezing

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.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Distributed by: Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220

Hendersonville, NC 28793

Boone, NC 28607

E.P.A. Reg. No. 62719-314-829

E.P.A. Est. No. 829-FL-1

Net Contents Liquid: 1 Pint (.474 liters)

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.

SA-50 Brand Conserve Naturalyte Insect Control is intended for control of worms (caterpillars) and other listed insects. SA-50 Brand Conserve Naturalyte 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 SA-50 Brand Conserve Naturalyte Insect Control 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.

Amount of product to use per Pint, Quart or Gallon of Spray			
<u>Unit of Measure</u> [†]	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

SA-50 Brand 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 SA-50 Brand 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 GARDENS

In the state of Georgia, do not apply SA-50 Brand Conserve Naturalyte Insect Control to: broccoli raab, Chinese cabbage (bok choy), collards, kale, mizuna, mustard greens, mustard spinach, rape greens.

<u>Crops</u>	<u>Pests Controlled</u>	<u>Maximum Number of Applications per Calendar year</u>	<u>Minimum Days to Wait before Reapplying</u>	<u>Minimum Days to Wait from Last Application to Harvest</u>
Apple and other pome Fruits crabapples, loquat, mayhaw, pears, and quince	codling moth, European grapevine moth leafminers, leafrollers Light brown apple moths oriental fruit moth, thrips tufted apple budmoth	6	10	7

Citrus Trees , 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
Cole Crops (Brassica Vegetables) , including: broccoli, broccoli raab, brussels sprouts, cabbage, cauliflower, Chinese broccoli, collards, kale, kohlrabi, mustard greens, mustard spinach, and Rape greens	armyworms cabbage looper broccoli diamondback moth flea beetle (suppression) leafminers thrips	6	4	1
Cucurbits , including cucumber, edible gourds and watermelon summer and winter squash, muskmelons (cantaloupe, honeydew, etc.), pumpkin	Armyworm, leafminers, loopers thrips worms (caterpillars)	6	5	All except cucumber, 3 Cucumber, 1
Fruiting Vegetables , including: eggplant, groundcherry, pepino, pepper, tomatillo, and tomato	Colorado potato beetle European corn borer, flea beetle, leafminers, loopers, thrips, worms (caterpillars)	6	4	1
Leafy and Dried Herbs including angelica, balm, basil borage, burnet, camomile, catnip, chervil (dried), chive, chive (Chinese) cilantro, cilantro (leaf), clary, coriander, (leaf) costmary, curry, (leaf) dillweed, horehound, hyssop, lavender, lemongrass, lovage (leaf) marigold, marjoram, nasturtium, parsley (dried) pennyroyal, rosemary, rue, sage, savory (summer and winter), sweet bay, tansy, tarragon, thyme, wintergreen, woodruff, and wormwood	leafminers, loopers thrips worms (caterpillars)	5	5	1
Leafy Vegetables , including, amaranth, head and leaf lettuce, celery, arugula, chervil, corn salad, Garden cress, dandelion, dock, endive (escarole), purslane, rhubarb, spinach, and Swiss chard	diamond back moth leafminers, loopers, thrips worms (caterpillars)	6	4	1
Stone Fruit , including: apricot, cherries, nectarines, peaches, plum, and prune	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 Peach, nectarine 1

**HOME GARDENS
(continued)**

<u>Crops</u>	<u>Pests Controlled</u>	<u>Maximum Number of Applications per Season</u>	<u>Minimum Days to Wait before Reapplying</u>	<u>Maximum Days to Wait from Application to Harvest</u>
Potatoes, Tuberous and Corm Vegetables, including, potatoes, sweet potatoes, true yams, Jerusalem artichoke, Chinese artichoke, ginger, and tumeric	artichoke plume moth, Colorado potato beetle, corn borers, leafminers, loopers, thrips, Worms (caterpillars)	6	7	artichoke, 2 all others, 7 days
Strawberry	armyworms, European grapevine moth, leafrollers, light brown apple moth, thrips	5	5	1 day
Succulent and Dried Beans and Peas, including: adzuki bean, black-eyed pea, chickpea, cowpea, lima bean, snap bean, garden pea, garbanzo bean, and snow pea	borers, leafminers, loopers, thrips, worms (caterpillars)	6	5	succulent 3 days dried, 28 days
Sweet Corn and Popcorn (for earworms, treat silk frequently as it grows)	corn borers earworm worms (caterpillars)	6	3	1
Tropical tree fruits, including acerola, atemoya, avocado, black sapote, cherimoya, custard apple, guava, longan, lychee, mango, papaya, passionfruit, sapodilla, star apple, starfruit, and wax jambu (wax apple)	suppression of European grapevine moth, katydids Light brown apple moth thrips worms (caterpillars)	4	7	1 day

LAWNS AND ORNAMENTALS

<u>Use Site</u>	<u>Pests Controlled</u>	<u>Directions</u>
Lawns	worms, including small (<3/4") armyworm, and sod webworm Cat fleas (suppression only)	Mix the amount of this product 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.
	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.
Outdoor Ornamentals (herbaceous and woody plants)	gall midges, leaf feeding beetles leafminers, sawfly larvae, spider mites* thrips, worms including loopers, webworms, gypsy moth, and tent caterpillars	Mix the amount of Conserve Naturalyte 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 AND ORNAMENTALS (continued)

<u>Use Site</u>	<u>Pests Controlled</u>	<u>Directions</u>
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 Naturalyte specified per gallon of spray and use a can or similar device to apply the diluted spray as a drench, using 1-2 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.

*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 are 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.