



Ready to Spray

Natural GUARD

Protect the planet & your yard

Spinosad

LANDSCAPE AND GARDEN INSECTICIDE

FOR RESIDENTIAL USE IN HOME GARDENS, LAWN AND ORNAMENTS
For Control Of Foliage Feeding Worms (Caterpillars), Thrips And Other Listed Pests In:

- Fruiting Vegetables, Cucurbits, Cole Crops, Leafy And Tuberos Vegetables, Stone Fruits, Citrus Trees, And Lawns

ACTIVE INGREDIENT:

Spinosad (a mixture of
spinosyn A and spinosyn D) 0.5%

OTHER INGREDIENTS 99.5%

TOTAL 100.0%

Contains 0.04 lb of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

See Back Panel and Attached Booklet for
Additional Precautionary Statements, Directions
for Use Including Storage and Disposal.

NET CONTENTS 32 FL. OZS.

**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. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. Do not put product or rinse water down drain.

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.

HOW TO APPLY (SHAKE WELL BEFORE USE)

Natural-Guard® SPINOSAD 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 Natural-Guard® SPINOSAD (4 Tbs.) per gallon of spray. See Hose-End Sprayer Directions below if this product is packaged in a hose-end sprayer.

WHEN TO APPLY

Apply when listed pests are present. Repeat applications may be made as indicated in the Home Garden Treatments recommendations table. See your state extension service recommendations for treatment guidelines in your area.

HOW TO USE THE READY-SPRAY SYSTEM

- Connect**
1. Shake well before using.
 2. Connect sprayer to hose.
 3. Turn on water
- Spray**
1. To begin spraying, point nozzle in the direction you want to spray.
 2. (Bend small plastic tab back and) Turn knob (clockwise) to **ON** position.
 3. Spray evenly over measured area. See "**AREA TO COVER**"
- Finish**
1. To stop spraying, (turn knob counter clockwise) to **OFF** position.
 2. Turn off water.
 3. Relieve water pressure by (bending plastic tab back and) turning knob **ON** position until water slows to a drip. Then turn knob back to **OFF** position.
 4. Disconnect sprayer from hose.
- Area to Cover** One quart treats up to 5,300 square feet.



PEEL FROM CORNER OF BOOKLET

Natural-Guard® SPINOSAD is intended for control of worms (caterpillars) and other listed insects. **Natural-Guard® SPINOSAD** 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. **Natural-Guard® SPINOSAD** is classified as an organic substance by the USDA National Organic Standards Board.

HOME GARDENS

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

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, but not limited to: pears	codling moth leafminers leafrollers Oriental fruit moth tufted apple budmoth	6	10	7
asparagus (post-harvest to protect ferns)	asparagus beetles	4	7	60
bushberries and caneberries , including, but not limited to: blackberry, blueberry, raspberry	armyworms fireworms fruitfly (suppression) fruitworms leafrollers loopers thrips	6	6	3
citrus trees, including , but	katydids leafminers			

HOME GARDENS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait From Last Application to Harvest
not limited to: grapefruit, lemons, limes, oranges, and tangerines (to prevent fruit scarring from thrips, treat when fruit is marble size)	thrips worms (caterpillars)	6	6	1
cole crops (Brassica vegetables) , including, but not limited to: broccoli, broccoli raab, brussels sprouts, cauliflower, Chinese broccoli, collards, kale, mustard greens, and mustard spinach	cabbage looper diamondback moth imported cabbage worm leafminers worms	6	4	1
cucurbits , including, but not limited to: cucumber, edible gourds, muskmelons	leafminers thrips worms (caterpillars)	6	5	all except cucumber, 3 cucumber, 1

HOME GARDENS				
Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait From Last Application to Harvest
(cantaloupe, honeydew, etc.), pumpkin, squash and watermelon				
fruiting vegetables , including, but not limited to: eggplant, okra, pepper, and tomato	Colorado potato beetle leafminers thrips worms (caterpillars)	6	4	1
grape	leafrollers thrips worms (berry moth)	6	5	7
leafy and dried herbs	leafminers thrips worms (caterpillars)	5	7	1
leafy vegetables , including, but not limited to: Celery, corn salad, cress, dandelion, head and leaf lettuce, parsley, rhubarb, and spinach	leafminers worms (caterpillars)	6	4	1

HOME GARDENS

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, but not limited to: 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
succulent beans and peas , including, but not limited to: 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
tree nuts , including, but not limited to: Almonds, cashew, chestnut, pecans, and	husk fly (suppression) leafrollers navel orangeworms peach twig	5	7	14

HOME GARDENS

Crops	Pests Controlled	Maximum Number of Applications per Season	Minimum Days to Wait Before Reapplying	Minimum Days to Wait From Last Application to Harvest
walnuts.	borer shuckworms webworms			
tree fruits: avocado, cherimoya, custard apple, mango, papaya, passionfruit, star apple, and starfruit	suppression of worms or caterpillars, thrips, and katydids	4	7	1
tuberous and corm vegetables, including, but not limited to: cassava, chayote root, Chinese arti- choke, ginger, Jerusalem artichoke, potatoes, sweet potatoes, tumeric and yams.	Colorado potato beetle, corn borers, leaf miners, thrips , worms (caterpil- lars)	6	7	7
All crops listed in this table	Fire Ants	See application directions in Lawns and Ornamentals		

LAWNS AND ORNAMENTALS

Use Site	Pests Controlled	Comments
lawns	worms, including small (< ¾") armyworm, and sod webworm cat fleas (suppression only)	<p>Mix the amount of Natural-Guard® SPINOSAD recommended 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 to 24 hours after application.</p> <p>Armyworms: For best results, apply in early morning or late afternoon.</p> <p>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.</p>
outdoor ornamentals (herbaceous and woody plants)	emerald ash borer ² gall midges leaf feeding beetles leafminers sawfly larvae spider mites ¹ thrips worms, including loopers, webworms, bagworms, gypsy moth, and tent caterpillars	<p>Mix the amount of Natural-Guard® SPINOSAD 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.</p>
lawns, ornamentals, home gardens (see listed crops in previous table) and	fire ants	<p>Individual Fire Ant Mounds: Mix the amount of Natural-Guard® SPINOSAD 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</p>

LAWNS AND ORNAMENTALS

Use Site	Pests Controlled	Comments
other outdoor areas		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.

¹Apply 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).

²Apply at twice the application rate 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 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.

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 Reuse: Nonrefillable container. Do not reuse this container. Offer for recycling if available.

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 THE 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 the 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.

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VOLUNTARY PURCASING GROUPS, INC.

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EPA Reg. No. 62719-314-7401

EPA Est. No. 7401-TX-001

