

62719-314

06/15/2006

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Dow AgroSciences/62719-314	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow AgroSciences/Spinosad 0.5% SC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUN 15 2006
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Change by notification: Home Garden Treatment Recommendations: Added "In the state of Georgia, do not apply Spinosad 0.5% SC to: Broccoli Raab, Chinese Cabbage (Bok Choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens."

Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Mike Culy, Ph.D.	Title Regulatory Manager	Telephone No. (Include Area Code) (317) 337-4331; (fax: 317-337-4649)	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager		
4. Typed Name Mike Culy, Ph.D. (mculy@dow.com)	5. Date May 26, 2006		

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Label:

(Logo) Dow AgroSciences

NOTIFICATION

JUN 15 2006

Spinosad 0.5% SC

Insect Control Product

FOR RESIDENTIAL USE IN HOME GARDENS, LAWN AND ORNAMENTALS

For control of foliage feeding worms (caterpillars), thrips and other listed pests in:

- **Fruiting vegetables, such as tomato, pepper, okra and eggplant**
- **Cucurbits such as cantaloupe and honeydew**
- **Cole crops (Brassica), such as broccoli, cabbage and cauliflower**
- **Leafy vegetables, such as lettuce, spinach and celery**
- **Tuberous vegetables, such as potatoes, sweet potatoes, yams, Jerusalem artichoke Chinese artichoke and cassava**
- **Stone fruits, such as peaches, plums, cherries, nectarines, prunes and apricots**
- **Apple and other pome fruits, such as pears, crabapples, mayhaw and quince**
- **Bushberries and caneberries, such as blueberry, blackberry and raspberry**
- **Citrus trees, such as oranges, grapefruit, lemons, limes, and tangerines**
- **Succulent beans and peas, such as lima bean, snap bean and blackeyed pea**
- **Tropical tree fruits, such as avocado, mango, star apple and papaya**
- **Tree nuts, such as pecans, almonds, cashew and walnuts**
- **Sweet corn and popcorn**
- **Asparagus**
- **Grape**
- **Leafy and dried herbs**
- **Strawberry**
- **Lawns**
- **Outdoor herbaceous and woody ornamentals**
- **Fire ant control in lawns, ornamentals, home gardens, and other outdoor areas**

See Home Garden and Lawn and Ornamental Treatment Recommendations tables in Directions for Use for a complete listing of crops and use sites.

and/or

Liquid concentrate

and/or

Easy to use

and/or

User friendly

and/or

No guesswork

and/or

CONCENTRATE

and/or

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For vegetables, apples, and citrus trees

and/or

Controls worms (caterpillars)

and/or

Kills worms (caterpillars)

and/or

Controls citrus leafminers

and/or

Controls Colorado potato beetle

and/or

Kills Colorado potato beetle

and/or

Controls certain insects in vegetable gardens

and/or

Controls certain insects in the garden

and/or

Controls certain insects in vegetable gardens

and/or

For vegetables

and/or

No odor water-based formula

and/or

Water-based formula

and/or

Contains spinosad

and/or

Do-it-yourself home garden insect control

and/or

Leaves no oily residue

and/or

Kills certain home garden insect pests

and/or

Short post-harvest interval

and/or

Pick apples 7 days after spraying

and/or

®Trademark of Dow AgroSciences

Active Ingredient:

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

Inert Ingredients 99.5%

Total 100.0%

Contains 0.04 lb of active ingredient per gallon.

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

OMRI™
Listed

Listed by the Organic Materials Review Institute (OMRI) for use in organic production.



For Organic Production

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Keep Out of Reach of Children

Refer to back/side panel for Directions for Use including Storage and Disposal.

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 label. 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.

Shake Well Before Use -- Avoid Freezing

EPA Registration No. 62719-314

EPA Est. _____

®Trademark of Dow AgroSciences LLC

Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Net Contents _____

(back/side panel)

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.

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.

Pesticide Disposal: If empty: Do not reuse this container. 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.

Spinosad 0.5% SC is intended for control of worms (caterpillars) and other listed insects. 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. Spinosad is classified as an organic substance by the USDA National Organic Standards Board.

Mixing and Application (Shake Well Before Use)

Spinosad 0.5% SC 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 Spinosad 0.5% SC (4 Tbs) per gallon of spray. See Hose-End Sprayer Directions below if this product is packaged in a hose-end sprayer.

Add the required amount of Spinosad 0.5% SC 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 Spinosad 0.5% SC 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

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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)

When to Apply

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

Home Garden Treatment Recommendations

In the state of Georgia, do not apply Spinosad 0.5% SC 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, crabapples, mayhaw 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
bushberries and caneberries , including, but not limited to: blueberry, blackberry, raspberry, loganberry, currant, gooseberry, huckleberry, elderberry, juneberry, lingonberry, and salal	armyworms fireworms fruitworms leafrollers loopers thrips fruitfly (suppression)	6	6	3
citrus trees , including, but not limited to: oranges, grapefruit, lemons, limes, and tangerines (to prevent fruit scarring from thrips, treat when fruit is marble size)	katydids leafminers thrips worms (caterpillars)	6	6	1
cole crops (Brassica vegetables) , including, but not limited to: broccoli, Chinese broccoli, broccoli raab, brussels sprouts, cabbage, Chinese cabbage (bok choy), Chinese cabbage (napa), cauliflower, cavalo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, Chinese mustard cabbage (gai choy) and rape greens	cabbage looper diamondback moth imported cabbage worm leafminers worms	6	4	1
cucurbits , including, but not	leafminers	6	5	all except

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limited to: cucumber, summer and winter squash, muskmelons (cantaloupe, honeydew, etc.), pumpkin, edible gourds and watermelon	thrips worms (caterpillars)			cucumber, 3 cucumber, 1
fruiting vegetables , including, but not limited to: eggplant, ground cherry, okra, pepino, pepper, tomatillo, 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: head and leaf lettuce, celery, arugula, chervil, edible chrysanthemum, corn salad, cress, dandelion, dock, endive, fennel, parsley, garden purslane, radicchio, rhubarb, spinach, and Swiss chard	leafminers worms (caterpillars)	6	4	1
stone fruits , including, but not limited to: peaches, plums, cherries, nectarines, prunes, and apricots	borers fruit flies leafminers leafrollers thrips worms (caterpillars)	6	7	cherry, plum and prune, 7 peach, nectarine and apricot, 14
strawberry	armyworms leafrollers thrips	6	5	1
succulent beans and peas , including, but not limited to: lima bean, snap bean, blackeyed pea, garden pea, garbanzo 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: pecans, almonds, cashew, chestnut, macadamia, pistachio, and walnuts	leafrollers navel orangeworms peach twig borer shuckworms webworms husk fly (suppression)	5	7	14
tropical tree fruits : atemoya, avocado, sapote, cherimoya, custard apple, guava, longan, lychee, mango, papaya, passionfruit, rambutan, sapodilla, star apple, starfruit, and wax jambu	suppression of worms or caterpillars, thrips, and katydids	4	7	1
tuberous and corm vegetables , including, but not limited to:	Colorado potato beetle corn borers	6	7	7

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potatoes, sweet potatoes, yams, Jerusalem artichoke, Chinese artichoke, Cassava, chayote root, ginger, and tumeric	leafminers thrips worms (caterpillars)			
all crops listed in this table	fire ants	See application directions in following table		

Lawn and Ornamental Recommendations

Use Site	Pests Controlled	Comments
lawns	worms, including small (<3/4") armyworm, and sod webworm cat fleas (suppression only)	Mix the amount of Spinosad 0.5% SC 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. 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, bagworms, gypsy moth, and tent caterpillars	Mix the amount of Spinosad 0.5% SC 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.
lawns, ornamentals, home gardens (see listed crops in previous table) and other outdoor areas	fire ants	Individual Fire Ant Mounds: Mix the amount of Spinosad 0.5% SC 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.

[†]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

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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. 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

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.

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.

EPA-accepted: 05/25/05

308/2E
May 26, 2006



Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

SPINOSAD 0.5% SC (A.I. SPINOSAD)
EPA REGISTRATION NUMBER: 62719-314
NOTIFICATION OF MINOR LABEL CHANGE PER PR NOTICE 98-10

Enclosed please find labeling for the notification action of Spinosad 0.5% SC insect control product. The following change has been made by notification:

1. Home Garden Treatment Recommendations: Added "In the state of Georgia, do not apply Spinosad 0.5% SC to: Broccoli Raab, Chinese Cabbage (Bok Choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens."

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Contents of Submission

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1
- Label entitled Spinosad 0.5% SC (T6P / Spinosad 0.5% SC / Notif / 05-26-06) (8 Pages plus Registration Notes) (5 Copies)

If you require further information, please contact Cindy Loy, Regulatory Specialist at (317) 337-4655 or Alice Watters, Registration Assistant for this product, at (317) 337-5364.

Sincerely,

A handwritten signature in black ink, appearing to read "Cindy Loy" with a stylized flourish at the end.

Mike Culy, Ph.D.
Regulatory Leader
Regulatory Success – Americas
(317) 337-4581
(317) 337-4649 (FAX)

Enclosures