

869-245

2-9-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

FEB 9 2007

Nora M. Hodge  
Registration Specialist  
Green Light Company  
P.O. Box 17985  
San Antonio, TX 78217-0985

**SUBJECT:** Application for Pesticide Notification – Clarify Instructions  
Green Light Lawn & Garden Spray with Spinosad®  
EPA Reg. No. 869~~245~~  
Application Dated January 2, 2007

Dear Ms. Hodge:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a preliminary screen of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

**Linda Arrington**  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



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United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
259579

Application for Pesticide - Section I

1. Company/Product Number 869-245	2. EPA Product Manager LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Green Light Lawn & Garden Spray with Spinosad®	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Green Light Company P.O. Box 17985 San Antonio, TX 78217-0985 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), 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 _____
<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.

NOTIFICATION

FEB 00 2007

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

Revised Mixing and Application instructions for clarity. Please see highlighted text on attached label. 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 for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willingly 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.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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	Metal Plastic Glass Paper 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	
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 Nora M. Hodge		Title Registration Specialist		Telephone No. (Include Area Code) (210) 494-3481	
<p align="center"><b>Certification</b></p> <p>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.</p>					6. Date Application Received (Stamped)
2. Signature 			3. Title Registration Specialist		
4. Typed Name Nora M. Hodge			5. Date 1/2/2007		

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**NOTIFICATION**

**FEB 09 2007**

**GREEN LIGHT LAWN & GARDEN SPRAY  
With Spinosad®**

FOR RESIDENTIAL USE IN VEGETABLE GARDENS, ON FRUIT AND CITRUS TREES, ON LAWNS, AND ORNAMENTALS. FOR CONTROL OF ANTS, FIRE ANTS, FLEAS, FRUIT FLIES, JAPANESE BEETLES, LEAFMINERS, LEAFROLLERS, SPIDER MITES, THRIPS, AND WORMS.

- **Pint Will Treat Over 2,500 Sq. Ft. Of Lawn And/Or Vegetable Garden Area**
- **One Dilution Rate for All Uses – 2 fl. oz. (4 Tbsp) in One Gallon of Water**
- **Vital Component of Two-Step Fire Ant Control Treatment Program**

**ACTIVE INGREDIENT:**

Spinosad (a mixture of spinosyn A and spinosyn D).....	0.5%
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<b>OTHER INGREDIENTS</b> .....	<u>99.5%</u>
Total	100.0%

Contains 0.04 pounds of active ingredient per gallon

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

Spinosad is a registered trademark of Dow AgroSciences LLC

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See Back Panel For Additional Precautionary Statements**

EPA Reg. No. 869-245

EPA Est. No. 73273-TX-1

Manufactured for Green Light Company, P.O. Box 17985, San Antonio, TX 78217-0985

[www.greenlightco.com](http://www.greenlightco.com) (210) 494-3481

Net Contents One Pint (474 ml)

(Back or Side Panel)

**PRECAUTIONARY STATEMENTS**

**ENVIRONMENTAL HAZARDS:** This product is toxic to bees exposed to treatment for 3 hours following treatment. Do not apply this product 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 a drain.

**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, lawns and ornamentals. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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**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-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**GENERAL INFORMATION**

Green Light Lawn & Garden Spray is a fermentation-derived insect control product intended for control of worms (caterpillars) and other insect pests. Green Light Lawn & Garden Spray does not significantly impact beneficial insects while controlling target pests by ingestion and contact activity. Susceptible insect pests may be observed on plants up to several hours after treatment, but will have ceased active feeding before being killed. Allow treated areas to dry before entering. Do not allow children and pets to enter treated areas until dry.

**MIXING AND APPLICATION:** Shake well before using. Green Light Lawn & Garden Spray may be applied with a trigger sprayer, hand-held, backpack or hose-end sprayer that can be adjusted to provide a dilution rate of 2 fl. oz. (4 tbs.) per 1 gallon of spray. Mix thoroughly and apply uniformly to plant foliage to the point of runoff. Mix only as much spray as needed for a single treatment. Do not store spray solution. Time applications to early morning/late evening to minimize the potential for leaf burn. In vegetable gardens use no more than 3 gallons of spray for each 1,000 sq. ft. area. Do not use kitchen utensils for measuring. Keep measuring utensils with product away from children.

**WHEN TO APPLY**

Make applications when listed insect pests are present. Repeat applications may be made as indicated in the Home Garden Treatment Table below. For further information, see your state extension service recommendations for treatment guidelines in your area.

**HOME GARDEN TREATMENT**

**Apple and Other Pome Fruits** including, but not limited to: pears, crabapples, mayhaw, and quince. **Pests Controlled:** Codling moth, Leafminers, Oriental fruit moth, and Tufted apple budmoth. **Max. No. of Applications per Season:** 5. **Max. Days to Wait Before Reapplying:** 10. **Min. Days to Wait to Harvest:** 7.

**Asparagus** (post-harvest to protect ferns). **Pests Controlled:** Asparagus beetles. **Max. No. of Applications per Season:** 4. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** 60.

**Bushberries and Caneberries** including, but not limited to: blueberry, blackberry, raspberry, loganberry, and gooseberry. **Pests Controlled:** Armyworms, Fireworms, Fruitworms, Leafrollers, Loopers, Thrips, and Fruitfly (suppression). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 6. **Min. Days to Wait to Harvest:** 3.

- Citrus Trees** including, but not limited to: oranges, grapefruit, lemons, limes, and tangerines (to prevent fruit scaring from thrips, treat when fruit is marble size). **Pests Controlled:** Leafminers, Katydid, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 6. **Min. Days to Wait to Harvest:** 1.
- Cole Cops (Brassica Vegetables)** including, but not limited to: broccoli, Brussels sprouts, cabbage, cauliflower, cavalo, collards, kale, kohlrabi, and mustard greens. **Pests Controlled:** Cabbage looper, Diamondback moth, Imported cabbageworm, Leafminers, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 4. **Min. Days to Wait to Harvest:** 1.
- Cucurbits** including, but not limited to: cucumber, summer and winter squash, cantaloupe, pumpkin, and watermelon. **Pests Controlled:** Leafminers, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 5. **Min. Days to Wait to Harvest:** 3 (Cucumber – 1).
- Fruiting Vegetables** including, but not limited to: eggplant, okra, pepper, and tomato. **Pests Controlled:** Colorado potato beetle, Leafminers, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 4. **Min. Days to Wait to Harvest:** 1.
- Grape.** **Pests Controlled:** Leafrollers, Thrips, and Worms (berry moth). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 5. **Min. Days to Wait to Harvest:** 7.
- Leafy and Dried Herbs.** **Pests Controlled:** Leafminers, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 5. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** 1.
- Leafy Vegetables** including, but not limited to: lettuce, celery, parsley, and spinach. **Pests Controlled:** Leafminers and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 4. **Min. Days to Wait to Harvest:** 1.
- Stone Fruits** including, but not limited to: peaches, plums, cherries, nectarines, prunes, and apricots. **Pests Controlled:** Borers, Fruit flies, Leafminers, Leafrollers, Japanese beetles, Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** Cherry, Plum, Prune – 7; Peach, Nectarine, Apricot – 14.
- Strawberry.** **Pests Controlled:** Armyworms, Leafrollers, and Thrips. **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 5. **Min. Days to Wait to Harvest:** 1.
- Succulent Beans and Peas** including, but not limited to: lima bean, snap bean, blackeyed pea, garden pea, and garbanzo bean. **Pests Controlled:** Borers, Leafminers, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 5. **Min. Days to Wait to Harvest:** 3.
- Tree Nuts** including, but not limited to: pecans, almonds, cashew, chestnut, macadamia, pistachio, and walnuts. **Pests Controlled:** Leafrollers, Navel orangeworms, Peach twig borer, Shuckworms, Webworms, and Husk fly (suppression). **Max. No. of Applications per Season:** 5. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** 14.
- Tropical Tree Fruits** including, but not limited to: avocado, guava, mango, and papaya. **Pests Controlled:** Suppression of worms or caterpillars, Thrips, and Katydid. **Max. No. of Applications per Season:** 4. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** 1.

**Tuberous and Corm Vegetables** including, but not limited to: potatoes, yams, artichokes, cassava, and ginger. **Pests Controlled:** Colorado potato beetle, Corn borers, Leafminers, Thrips, and Worms (caterpillars). **Max. No. of Applications per Season:** 6. **Max. Days to Wait Before Reapplying:** 7. **Min. Days to Wait to Harvest:** 1.

**All Crops Listed in This Table. Pests Controlled:** Ants (including fire ants). **Max. No. of Applications per Season, Max. Days to Wait Before Reapplying, and Min. Days to Wait to Harvest:** See application directions in following table.

**LAWN AND ORNAMENTAL TREATMENT**

Use Site	Pests Controlled	Comments
<b>Lawns</b>	Worms, including small (<math>\lt; \frac{3}{4}</math>") armyworm and sod webworm Cat fleas (suppression only)	Mix the amount of product recommended per gallon of spray and uniformly apply a minimum of 3 gallons of spray per 1,000 sq. ft. 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 7-14 days to control adults that have emerged from pupae present at time of initial treatment.
<b>Outdoor Ornamentals (Herbaceous and Woody Plants)</b>	Gall midges Leaf feeding beetles (including Japanese beetle) Mosquitoes Leafminers Sawfly larvae Spider mites* Thrips Worms (caterpillars)	Mix the amount of product recommended per gallon of spray and uniformly spray foliage to point of runoff. Uniform coverage of upper and lower leaf surfaces is essential for effective control.
<b>Lawns, Ornamentals, Home Gardens (See Listed Crops in Previous Table), and Other Outdoor Areas</b>	Ants (including fire ants)	Mix the amount of product recommended per gallon and use a sprinkler can to apply as a mound drench, using 1 gallon of solution directly to the mound. Do not disturb mound prior to application. If possible, apply following recent rainfall. For best results, apply when weather is cool, 65°F to 85°F, or in early morning or late evening.

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## TWO-STEP FIRE ANT TREATMENT PROGRAM

**Step 1:** Apply 4 tablespoons of Green Light Fire Ant Control with Conserve (0.015% Spinosad) directly to an active fire ant mound. Sprinkle the bait evenly over and around each mound in a 4 ft. diameter circle. Do not water in. Can be applied in vegetable gardens. A one lb. container will treat up to 22 fire ant mounds. Will not harm people, pets, birds or other animals when used as directed. Fire ants quickly pick up the bait, take it back into the mound, and feed it to the entire ant colony including the queen(s). Ants start dying in 24-36 hours with colony destruction in 3-14 days.

**Step 2:** Broadcast spray 3 gallons of spray solution (6 fl. ozs. of product) of Green Light Lawn & Garden Spray per 1,000 sq. ft. around the active fire ant mounds in landscape/lawn/ vegetable garden areas. Do not directly spray mounds previously treated with Green Light Fire Ant Control with Conserve, as adequate foraging by the ants will not occur if bait is wet. Do not water treated areas within 24 hours of application. The best time to make an application is in the cooler morning or late evening when fire ant foraging is at its peak. Combing mound and broadcast applications eliminates/controls visible mounds and helps prevent new mounds from forming.

\*Apply when spider mites are first observed prior to webbing and before mite populations have become severe. Reapply after 7-10 days 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).

### 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. Seller makes no other express nor implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.