



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 8378-36	2. EPA Product Manager John D. Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Shaw's 143 Turf Insect Granules	PM#	
5. Name and Address of Applicant (Include ZIP Code) Knox Fertilizer Company P. O. Box 248 Knox, IN 46534 <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. <u>N/A</u> Product Name <u>N/A</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JAN 30 2004
<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.)

Notification of additional Marketing Statements per PR Notice 98-10 (II-N). 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.

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			<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	
6. Manner in Which Label is Affixed to Product		<input checked="" 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 Robert F. Bischoff	Title Agent, TotalTurf Consulting LLC	Telephone No. (Includes Area Code) (317) 873-0222
<b>Certification</b> 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 <b>(Stamped)</b>
2. Signature 	3. Title Agent, TotalTurf Consulting LLC	
4. Typed Name Robert F. Bischoff	5. Date January 12, 2004	

**SHAW'S®  
 Sevin® 143  
 TURF INSECT GRANULES**

FOR HOME LAWNS & RECREATIONAL TURF - CONTROLS FIRE ANTS - FOR TICKS THAT VECTOR LYME DISEASE - PROVIDES BROAD-SPECTRUM CONTROL AGAINST THE DEVASTATION OF DESTRUCTIVE INSECTS IN THE LAWN AND UNDER THE SOIL, WHILE FEEDING DESIRABLE GRASSES - CONTROLS WHITE GRUBS, CHINCH BUGS, ARMYWORMS, SOD WEBWORMS, ANTS, FLEAS, SOWBUGS AND MORE - CONTROLLED-RELEASE NITROGEN KEEPS GRASS GREEN LONGER - FOR NUISANCE PEST CONTROL: AROUND THE OUTSIDE OF HOMES, BUILDINGS, INCLUDING FIRE ANT CONTROL - CONTROLS DEER TICKS - CONTROLS 25+ INSECTS

**ACTIVE INGREDIENT:**

Carbaryl: 1-Naphthyl N-methylcarbamate .....	1.43%
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INERT INGREDIENTS: .....	<u>98.57%</u>
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TOTAL	100.00%
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1 pound treats up to 300 sq. ft.

EPA Reg. No. 8378-36

EPA Est. No. 8378-IN-1

Shaw's® is a registered trademark of Knox Fertilizer Company, Inc.

Sevin® is the registered trademark of Aventis Corp. for Carbaryl Insecticide

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente"

## FIRST AID

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

Have this product container or label with you when calling a poison control center or doctor, or when going for treatment.

You may also call 1-800-858-7378 for emergency medical treatment advice.

See side/back panel for additional precautionary statement

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or smoking. Change to clean clothing daily. Do not contaminate feed or foodstuffs.

**Note to Physician:** Carbaryl is an N-methyl carbamate acid ester that inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM, opiates, or cholinesterase inhibiting drugs.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the proposed treatment areas.

## STORAGE AND DISPOSAL

**STORAGE:** Store this product in its original container in a cool, dry secured area. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PRODUCT DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

**IF EMPTY:** Do not reuse this bag. Place in trash or offer for recycling if available.

**IF PARTLY FILLED:** Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**SPILL:** In case of spill, sweep up and dispose of material according to PRODUCT DISPOSAL directions listed above.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.**

## GENERAL DIRECTIONS

### FOR LAWNS, ORNAMENTAL & RECREATIONAL TURF

Use when insects first appear and/or plant damage is imminent. When 2 rates are recommended use the lower for light infestations and the highest rate for heavy insect infestations. For best results, mow lawn first and then apply material. After application apply  $\frac{1}{4}$  inch water to the treated area to wash insecticide into the grass. \*See watering limitations for Sod Webworms. Keep children and pets off treated area until grass is dry. Repeat applications may be made as needed for control of new insect infestations.

## SURFACE FEEDING INSECTS

**FOR ANTS, ARMYWORMS, CENTIPEDES, CHIGGERS, CUTWORMS, EARWIGS, FALL ARMYWORMS, FIERY SKIPPERS, GRASSHOPPERS, JUNE BEETLES, LEAFHOPPERS, MILLIPEDES, SOW BUGS, SPITTLE BUGS, SPRINGTAILS, TICKS AND YELLOW STRIPED ARMYWORMS.**

Apply 1 pound to treat 315 sq. ft. (3.2 lbs./1,000 sq. ft.) when insects become a problem or their damage is imminent. This is equivalent to 2 lbs. A.I. carbaryl per acre. Refer to GENERAL DIRECTIONS.

### FOR CHINCH BUGS AND SOD WEBWORMS

Apply 1 pound to treat 315 sq. ft. (3.2 lbs./1,000 sq. ft.) of turf which is equal to 2 lbs. A.I. carbaryl per acre. For Chinch Bugs treat entire area to prevent their migration. \*For Sod Webworms do not irrigate treated areas for 24 to 48 hours after treatment. Repeat applications may be made at 30 day intervals or as needed for control of new infestations. For heavy infestations increase application rate to 6.4 lbs. per 1,000 sq. ft. and treat the entire area.

## ROOT FEEDING INSECTS

**FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, CHAFER BEETLES, AND PHYLLOPHAGA SPP. LARVAE), BLUEGRASS BILLBUGS, FLEAS, EUROPEAN CRANE FLY LARVAE, MOLE CRICKETS AND BLACK TURFGRASS ATAENIUS**

Apply 6.4 lbs. to 12.7 lbs. per 1,000 sq. ft. of turf area (equal to 4 to 8 lbs. A.I./Acre) during late March through May or July to early September when grubs are feeding near the soil surface or as recommended by local Agricultural Extension Agents. See instructions in GENERAL DIRECTIONS paragraph. Water or irrigate turf thoroughly soon after treatment to move the insecticide into the root feeding zone.

For CRANE FLY LARVAE apply at the same rate in early spring; April 1 to April 15<sup>th</sup> or as recommended by the local Extension Service. Irrigate area after treatment to move granules into root feeding zone. A repeat treatment may be required for Mole Crickets.

**FOR FLOWERING PLANTS and SHRUBS IN LANDSCAPE and FOUNDATION PLANTINGS.**

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES and CENTIPEDES which attack ornamental and flowering plants in shrubbery and foundation plantings apply 6.5 lbs. granules evenly over 1,000 sq. ft. (20 x 50 ft.). Repeat as needed for control up to 3 times per year.

**TREAT LAWNS AND PERIMETER WOODED AREAS FOR CONTROL OF TICKS THAT VECTOR "LYME DISEASE"**

For control of juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) which vector Lyme Disease. Apply granules at the rate of 6.4 lbs. to 12.7 lbs. of product per 1,000 sq. ft. with appropriate equipment to ensure uniform coverage. Target applications to control juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug./Sept.). Make applications to lawns, shrub beds, ornamental plantings, wooded areas and around outside perimeters of home and other buildings. Do not make spot applications. Treat entire lawn and perimeter wooded areas and property boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary to maintain adequate control levels.

**NUISANCE PEST CONTROL AROUND THE OUTSIDE OF HOMES, PORCHES, PATIOS AND BUILDINGS**

For control of Ants, Armyworms, Ticks, Cutworms, Centipedes, Crickets, Earwigs, Firebrats and Silverfish, Fleas, Millipedes, Sowbugs, Scorpions and Spiders: Apply granules uniformly in an 8 foot band around the building. Apply granules at the rate of 1 pound per 315 sq. ft. to shrub and flower beds, foundations, ornamental plantings and lawn and soil areas immediately adjacent to the building. For most effective control treated areas should be lightly watered after application to remove the chemical from the granules. Repeat treatments as necessary to control new infestations.

**FIRE ANT CONTROL MOUND TREATMENT**

For control of Fire Ants in mounds occurring in lawns, turf and premise areas apply 3 to 4 ounces (12 to 15 tablespoons) of granules over and around each mound. Then gently sprinkle the treated areas with about 1 gallon of water to release the chemical from the granules. Do not wash granules away from mound. For best results apply in cool weather (65 to 80 degrees) or early morning or late afternoon. Retreat new mounds as they may appear.

**SUGGESTED SPREADER SETTINGS**

Pounds of Product to use per 1,000 sq. ft.	Cyclone B1	Scott Rotary R-B	Scott Drop Spreader
3.25	XX	XX	XX
6.5	XX	XX	XX
12.7	XX	XX	XX

<b>GUARANTEED FERTILIZER ANALYSIS</b>	
<b>XX-XX-XX</b>	
Total Nitrogen(N)	XX%
Available Phosphate (P2o5)	XX%
Soluble Potash(K2O)	XX%
Primary plant foods derived from: urea, ammoniated phosphate and muriate of potash.	

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

**NET WEIGHT XX POUNDS**

Distributed by:  
Knox Fertilizer Company, Inc.  
P.O. Box 248  
Knox, IN 46534

**KNOX FERTILIZER COMPANY**

PO. BOX 248 KNOX, INDIANA 46534  
PHONE (219) 772-6275 / FAX (219) 772-5878

July 21, 2003

Document Processing Desk  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

Attention: EPA Pesticide Product Managers

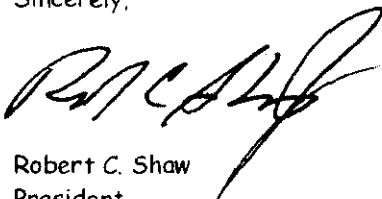
Re: Submission of EPA Reg. No. 8378-AL (Treflan 0.74% with Fertilizer).

This letter authorizes Dr. Raymond B. Cooper and Mr. Robert F. Bischoff of TotalTurf Consulting, LLC, PO Box 7928, Hilton Head Island, SC 29938, to act on our behalf as agents in regard to the regulatory activities involving the registration of Knox Fertilizer Inc. products, including (EPA Reg. No. 8378-AL) except those containing Dimension® under 40 CFR 152.50. Please provide TotalTurf Consulting, LLC with access to our files and information regarding their status and data requirements.

This authorization shall remain in effect until such time as we notify EPA, in writing, of cancellation.

Thank you in advance for your cooperation. Should you have any questions, please call.

Sincerely,



Robert C. Shaw  
President

cc: TotalTurf Consulting, LLC  
PO Box 7928  
Hilton Head Island, SC 29938

State of Indiana

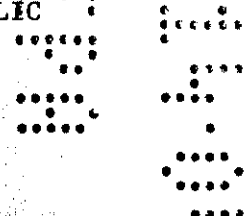
County of Starke

Subscribed and sworn to before me  
this 21<sup>st</sup> day of JULY, 2003

My Commission Expires: JULY 2, 2008



NOTARY PUBLIC



8/8

**TotalTurf Consulting LLC**  
**P. O. Box 7928**  
**Hilton Head Island, SC 29938**

**Direct: 843-785-4211**  
**Fax: 843-785-8292**

**E-Mail: rbcooper@juno.com**

January 12, 2004

Mr. John D. Hebert  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 206A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

Dear Mr. Hebert:

**Subject: SHAW'S Sevin 143 Turf Insect Granules**  
**EPA Reg. No. 8378-36**  
**Notification of Additional Marketing Statements/Final Printed Label**

Labels for Shaw's Sevin 143 Turf Insect Granules [previously accepted by the EPA on December 24, 2002] have been changed to include the addition of certain marketing statements and are being submitted to the EPA as a notification (minor label change) per PR Notice 98-10 (II-N). This submission is being submitted on behalf of Knox Fertilizer Company, Inc., P.O. Box 248, Knox, IN 46534 by TotalTurf Consulting LLC, an authorized agent for Knox Fertilizer Company.

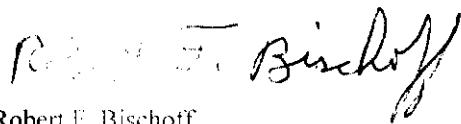
It is pertinent to note that the additional marketing statements shown on the enclosed label are consistent with 40 CFR Part 156 and involve no change in the ingredients statement, signal word, use classification, precautionary statements, statements of practical treatment (First Aid), physical/chemical/biological properties, storage and disposal, or directions for use.

The following documents are included in the subject submission:

- Cover Letter
- EPA Form 8570-1
- One Copy of a Highlighted Final Printed Label (Coded as 20040112.Final Label)
- Two Copies Of Final Printed Label (Coded as 20040112.Final Label)
- Copy of Authorization Letter for TotalTurf Consulting LLC

If there are any questions concerning this submission, do not hesitate to contact me at (317) 873-0222 or Raymond B. Cooper at (843) 785-4211.

Sincerely,



Robert E. Bischoff  
Agent  
TotalTurf Consulting LLC  
P.O. Box 7928  
Hilton Head Island, SC 29938