

8378-31

03/24/2004

1/5



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

MAR 24 2004

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Robert F. Bischoff  
Agent for  
Total Turf Consulting LLC  
P.O. Box 7928  
Hilton Head, SC 38181

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal  
Shaw's Fertilizer with 4.3% Sevin Brand Carbaryl Insecticide  
EPA Reg. No. 8378-31  
Submission dated September 11, 2003

Dear Mr. Bischoff:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) The Note to Physician should be moved under the First Aid from the Precautionary Statements and updated to read "Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.
- 2) An 800 telephone number should be added under the First Aid statement for emergencies.

A stamped copy "accepted with comments" of the label is enclosed for your records. Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.  
Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

# SHAW'S®

## xx-xx-xx Fertilizer with 4.3% Sevin® Brand

### CARBARYL INSECTICIDE

TURF INSECT CONTROL WITH FERTILIZER FOR HOME LAWNS AND ORNAMENTAL/RECREATIONAL TURFGRASS AREAS.

Also for use around flowering shrubs and plants ground covers - evergreens in landscape and foundation plantings.

#### USE AS A "FIRE ANT" MOUND TREATMENT

#### ACTIVE INGREDIENT:

Carbaryl: 1-Naphthyl N-methylcarbamate ..... 4.30%

INERT INGREDIENTS: ..... 95.70%

TOTAL ..... 100.00%

EPA Reg. No. 8378-31

EPA Est. No. 8378-IN-1

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

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

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 24 2004**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

**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 highwater 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.

Best control of insects can be obtained if "thatch" build-up is mechanically removed or raked from the area before treating. This allows granules to quickly move to the insect feeding zone for insect kill and helps make the plant food available to the turfgrass, shrubs, and flowering plants.

## HOME LAWNS AND ORNAMENTAL/RECREATIONAL TURF

Apply when insects appear or when turf damage is imminent. Mow lawn first and then apply granules. Irrigate the treated area for 15 minutes after application\*. Keep children and pets off treated area until grass is dry. Repeat applications may be made at 30 day intervals or as needed for control of new insect infestations. \*See watering limitations for Sod Webworms and other surface insects control.

**TO FERTILIZE LAWN and CONTROL SURFACE FEEDING INSECTS FOR ANTS, ARMYWORMS, CENTIPEDES, CHIGGERS, CUTWORMS, EARWIGS, FALL ARMYWORMS, FIERY SKIPPERS, GRASSHOPPERS, GREEN JUNE BEETLE GRUBS, JUNE BEETLES, LEAFHOPPERS, LUCERNE MOTH LARVAE, MILLIPEDES, SOW BUGS, SPITTLEBUGS, SPRINGTAILS, TICKS AND YELLOW STRIPED ARMYWORMS.**

Apply 2 pounds plus 2 ounces (34 oz.)/1,000 sq. ft. of turf. This is equivalent to 4 lbs. carbaryl insecticide per acre. Lightly sprinkle the area after application to move granules to soil surface. Do not wash in for surface insects.

### FOR CHINCH BUGS AND SOD WEBWORMS

Apply 3.15 lbs./1,000 sq. ft. of turf area (equal to 6 lbs. carbaryl/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 rate to 4.2 lbs. per 1,000 sq. ft. and treat entire area (observe watering limitations).

### 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, AND BLACK TURFGRASS ATAENIUS**

Apply 4.2 lbs. per 1,000 sq. ft. of turf area (equivalent 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. Water or irrigate turf thoroughly soon after treatment to move the insecticide into the root feeding zone.

For CRANE FLY LARVAE infestations in certain geographical areas apply 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.

## 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) and Amblyomma spp. Ticks (Lone Star Ticks) which vector Lyme Disease. Apply granules at the rate of 2.11 lbs. to 4.22 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.

### IMPORTED FIRE ANT CONTROL INDIVIDUAL MOUND TREATMENT

This product may also be used for the treatment of Fire Ant mounds occurring in lawns, turf and premise areas. Treat individual ant mounds measuring from 3 to 12 inches in diameter by applying 7 tablespoons (1.75 oz.) of granules evenly in a circle around the outer edges (1 to 2 feet from the center) of the mound. Finish the treatment then by applying 4 tablespoons (1.0 oz.) sprinkled evenly over the center of the mound. Best results will be obtained if mound is not disturbed after treatment to allow ants to be exposed to the insecticide treated area. The fertilizer base will encourage turf to revive in spot areas where the ant mound soil has "smothered" the grass.

### FOR FLOWERING PLANTS AND SHRUBS IN LANDSCAPE and FOUNDATION PLANTINGS

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES AND CENTIPEDES which attack flowering plants in shrubbery and foundation plantings apply 2.1 lbs. granules evenly over 1,000 sq. ft. (20 x 50 ft.). One pound will treat 450 sq. ft. Repeat as needed for control but not more than 3 times per year. This product contains a balanced fertilizer and will supply 0.5 lbs. nitrogen per 1,000 sq. ft. of plant bed.

#### SUGGESTED SPREADER SETTINGS

Pounds of product to use per 1,000 sq. ft.	Pounds A.I. /Acre	Cyclone B-1	Scott Lawn
2.10	4.0	XX	XX
3.15	6.0	XX	XX
4.20	8.0	XX	XX

#### GUARANTEED FERTILIZER ANALYSIS

xx-xx-xx

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:** Buyer assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

### NET WEIGHT XX POUNDS

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

