

8378-36

11/17/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

NOV 17 2009

Attn: Robert Bischoff  
Knox Fertilizer Company, Inc.  
P.O. Box 248  
Knox, IN 46534

Subject: Shaw's Sevin 143 Turf Insect Granules + Fertilizer  
EPA Reg. No. 8378-36  
Your Application Dated November 12, 2009  
Delete term "Ticks" under DIRECTIONS FOR HOME LAWNS

Dear Mr. Bischoff,

The label referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. Within 45 days from the date of this notice, two copies of a final printed label must be submitted. You may distribute products bearing the old label for twelve months from receipt of this letter or your next printing of the label, whichever comes first.

A copy of the stamped label is enclosed for your records.

Sincerely yours,

A handwritten signature in black ink that reads "Joanne S. Edwards".

Joanne S. Edwards  
Insecticide-Rodenticide Branch  
Registration Division (7504P)

# Shaw's® Sevin® 143 Turf Insect Granules + Fertilizer

Intended for use on home lawns to kill insects in the lawn and under the soil while feeding the desirable grasses in the lawn. Also, intended for use around the outside of homes. Kills more than 25 insects including deer ticks that may vector lyme disease, white grubs, armyworms, and sowbugs.

**ACTIVE INGREDIENT:**

Carbaryl: 1-Naphthyl N-methylcarbamate ..... 1.43%

**INERT INGREDIENTS:** ..... 98.57%

**TOTAL** 100.00%

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 Bayer.

**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"

**ACCEPTED**

November 17, 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 8378-36

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

Have this product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-858-7378 from 6:30 am to 4:30 pm Pacific Time, every day for emergency medical treatment information.

**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.

See side/back panel for additional precautionary statements

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water or allow to drift to water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

## STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Store this product in its original container in a cool, dry secured area.

**PESTICIDE 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 PESTICIDE DISPOSAL directions listed above.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container, offer for recycling if available.

## 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.

**RESTRICTIONS** Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. This product may be applied only by a rotary or drop spreader.

**ENTRY RESTRICTIONS** Do not allow others to enter the treated area until dusts have settled. Do not enter or allow others to enter the treated lawns (except those persons involved in application and watering) until the watering-in is completed and until the surface is dry after the watering-in.

## DIRECTIONS FOR HOME LAWNS

Apply product only using a rotary or drop spreader. See Spreader Settings Table for specific spreader settings and related application rates. Use when insects first appear. 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. Product must be watered-in immediately following application.

## **SURFACE FEEDING INSECTS IN HOME LAWNS**

FOR ANTS (EXCEPT FIRE ANTS, HARVESTER ANTS, PHARAOH ANTS, AND CARPENTER ANTS), ARMYWORMS, CENTIPEDES\*, CHIGGERS\*, CUTWORMS, EARWIGS, FALL ARMYWORMS, FIERY SKIPPERS, GRASSHOPPERS, JUNE BEETLES, LEAFHOPPERS, MILLIPEDES, SOW BUGS, SPITTLE BUGS, SPRINGTAILS, AND YELLOW STRIPED ARMYWORMS. (\*Will only kill insects and other arthropods present at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)

Apply 3.0 lbs of product/1,000 sq. ft. which is equivalent to 0.043 lb ai/1,000 sq. ft. when insects become a problem. Product must be watered-in immediately following application. The minimum retreatment interval is 7 days with a maximum number of 4 applications allowed per year.

## **ROOT FEEDING INSECTS IN HOME LAWNS**

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

Apply 6.5 lbs to 13.0 lbs of product/1,000 sq. ft. of turf area which is equivalent to 0.093 lb ai to 0.186 lb ai/1,000 sq. ft. during late March through May or July to early September when grubs are feeding near the soil surface.

For CRANE FLY LARVAE apply at the same rate in early spring: April 1 to April 15<sup>th</sup>. A repeat treatment may be required for Mole Crickets.

The minimum retreatment interval is 7 days with a maximum of 4 applications allowed per year. Product must be watered-in immediately following application.

## **FOR FLOWERING PLANTS and SHRUBS IN FOUNDATION PLANTINGS**

For CUTWORMS, ARMYWORMS, SOWBUGS, MILLIPEDES and CENTIPEDES\* which attack ornamental and flowering plants in shrubbery and foundation plantings, apply 6.5 lbs of product evenly over 1,000 sq. ft. which is equivalent to 0.093 lb ai/1,000 sq. ft. The minimum retreatment interval is 7 days with a maximum number of 3 applications allowed per year. Product must be watered-in immediately following application. Do not use on plants taller than 4 feet (chest height). (\*Will only kill insects and other arthropods present at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)

## **FOR LAWNS AND PERIMETER WOODED AREAS TO KILL BLACK LEGGED TICK AND TICKS\* WHICH MAY VECTOR "LYME DISEASE"**

(\*Will only kill ticks present at the time of application. Contact as many ticks as possible. Non-residual treatment.)

To kill juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick). Apply granules at the rate of 1.5 lbs of product/1,000 sq. ft. which is equivalent to 0.021 lb ai/1,000 sq. ft. Product must be watered-in immediately following application. Target applications for use

on juvenile ticks (larvae and nymphs) in late spring or early summer (May/June) and on adult ticks in late summer and fall (Aug./Sept.). Make applications to lawns, shrub beds, ornamental plantings, wooded areas and around outside perimeters of the home. Treat entire property where exposure to ticks may occur. Ticks may be reintroduced from surrounding areas on host animals. The minimum retreatment interval is 7 days with a maximum of 4 applications allowed per year.

**AROUND THE OUTSIDE OF HOMES, PORCHES, AND PATIOS**

To kill Ants (except Fire Ants, Harvester Ants, Pharaoh Ants, and Carpenter Ants), Armyworms, 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 product at the rate of 3.0 lbs/1000 sq. ft. which is equivalent to 0.043 lb ai/1,000 sq. ft. to shrub and flower beds, foundations, ornamental plantings and lawn and soil areas immediately adjacent to the home. The minimum retreatment interval is 7 days with a maximum number of 3 applications allowed per year. Irrigate after application. Do not use on plants taller than 4 feet (chest height). (\*Will only kill insects and other arthropods present at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)

**SPREADER SETTINGS**

Your used spreader may need calibrating. Since proper application is based on the spreader's condition with regard to age and use, your walking speed and the evenness of the terrain, your spreading equipment may require adjustments from the following figures. If you have reason to believe that your spreader is not calibrated correctly, test apply by placing the amount for 500 sq. ft. into your spreader and apply to your pre-measured 500 sq. ft. (5 ft. wide by 100 ft. long). The spreader settings are approximate. Different product analysis or particle size will affect bulk density and actual spreader setting needs.

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

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**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. To the extent consistent with applicable law, 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 50 POUNDS**

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

**Batch No.**