

8378-31

1/29/2009

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

January 29, 2009

Knox Fertilizer Company, Inc.  
P.O. Box 248  
Knox,  
Indiana 46534

Subject: Shaw's Sevin 430 Turf Insect Granules + Fertilizer  
EPA Reg. No. 8378-31  
Carbaryl Label Revisions and Change in Product Brand Name  
Label Received January 28, 2009

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. There is no objection to your request for a change in product name from "Shaw's Turf Food Insect Control/430" to "Shaw's Sevin 430 Turf Insect Granules + Fertilizer."

A stamped copy is enclosed for your records. Please submit on copy of the final printed label before releasing the product for shipment.

Approval of this label does not constitute approval of your application for reregistration of this product. Product reregistration is currently pending, and future labeling changes and/or additional data may be required.

If you have questions, contact me at (703) 305-6736.

Sincerely,

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

Joanne S. Edwards, Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

# Shaw's® Sevin® 430 Turf Insect Granules + Fertilizer

For use on home lawns areas to suppress insects in the lawn and under the soil while feeding the desirable grasses in the lawn. Also, for use around flowering shrubs, ground covers, and evergreens in landscape and foundation plantings. 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 ..... 4.30%

**INERT INGREDIENTS:** ..... 95.70%

**TOTAL** ..... 100.00%

EPA Reg. No. 8378-31

EPA Est. No. 8378-IN-1

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

**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"

<b>ACCEPTED</b>
January 9, 2009
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide Registered under EPA Reg. No. 8378-31

### 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 for emergency medical treatment advice.

**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 statement

### 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 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.

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

## 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.**

**ENTRY RESTRICTIONS** Do not allow others to enter the treated area until dusts have settled. Watering-in is required after application to lawns. Do not enter or allow others to enter the treated lawns or turf (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 using a rotary or drop spreader. See Spreader Settings Table for specific spreader settings and related application rates. Product may not be applied by spoon, hand, or belly grinder. To kill listed insects, it is recommended that "thatch" build-up be 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.

Apply when insects appear or when turf damage is imminent. Mow lawn first and then apply granules. Product must be watered in immediately following application. 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 new insect infestations.

**FOR ANTS (EXCEPT FIRE ANTS, HARVESTER ANTS, PHARAOH ANTS, AND CARPENTER 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. (\*Will only kill insects and other arthropods at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)**

Apply 2.0 pounds/1,000 sq. ft. of turf area.

### **ROOT FEEDING INSECTS**

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

Apply 4.0 lbs. per 1,000 sq. ft. of turf area during late March through May or July to early September when grubs are feeding near the soil surface.

For CRANE FLY LARVAE infestations in certain geographical areas apply in early spring; April 1 to April 15<sup>th</sup>.

**TREAT LAWNS AND PERIMETER WOODED AREAS FOR DEER TICKS\* WHICH MAY VECTOR "LYME DISEASE" (\*Will only kill insects and other arthropods at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)**

For juvenile and adult Ixodes spp. (Deer Tick and Black Legged Tick) and Amblyomma spp. Ticks (Lone Star Ticks). Apply granules at the rate of 2.0 lbs. to 4.0 lbs. of product per 1,000 sq. ft. 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 home and other buildings. Treat entire lawn and perimeter wooded areas and property boundaries where exposure to ticks may occur. Ticks may be reintroduced from surrounding areas on host animals. Retreat as necessary.

### **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 2.0 lbs. granules evenly over 1,000 sq. ft. (20 x 50 ft.). Repeat as needed but not more than 3 times per year. This product contains a balanced fertilizer and will supply 0.5 lb. nitrogen per 1,000 sq. ft. of plant bed. (\*Will only kill insects and other arthropods at the time of application. Contact as many insects and other arthropods as possible. Non-residual treatment.)

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**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.	Scott Drop Spreader	Cyclone B-1	Scott Rotary
2.0	XX	XX	XX
4.0	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.

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 16 POUNDS**

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

**Batch No.**