

8378-59

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

8378-59

Date of Issuance:

NOV - 1 2001

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Shaw's Permethrin 50
Lawn Insect Granules

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Knox Fertilizer Company
P.O. Box 248
Knox, IN 46534

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 8378-59".

b. Revise the disposal instructions in accordance with PR Notice 2001-6.

c. Either delete "Retreat as necessary" or specify a time period to retreat based on results of efficacy testing.

d. Under General Directions add "Do not use food utensils such as teaspoons or measuring cups for food purposes after use with pesticides."

e. Under Directions add "Not for use on plants being grown for sale or other commercial use on sod farms or for research purposes."

Signature of Approving Official:

Date:

page 2
EPA Reg. No. 8378-59

3. Please submit to the Agency the results of 830.6320 (Corrosion Characteristics), when it is completed.

4. The additional brand name "Shaw's Lawn Insect Granules with Permethrin .5% is acceptable.

5. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Enclosure

KNOX FERTILIZER CO.
P.O. BOX 248
KNOX, IN 46534

SHAW'S PERMETHRIN 50

LAWN INSECT GRANULES

In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577.

- * **KILLS INSECTS IN LAWNS**
- * **LAWN & GARDEN INSECT CONTROL**
- * **TREATS UP TO 5,000 10,000 15,000 SQ. FT.**
- * **CONTROLS HOME INVADING PESTS**
- * **10 POUNDS TREATS 5,000 SQ. FT.**
- * **CONTROLS SURFACE AND FOLIAGE FEEDING PESTS**
- * **FOR GRASS AND DICHONDRA LAWNS**
- * **CONTAINS SYNTHETIC PYRETHROID**
- * **FOR OUTDOOR USE ON HOME LAWNS**
- * **CONTAINS PERMETHRIN**
- * **READY TO USE**
- * **KILLS:** *Ants, Army worms (including Fall, Yellow-Striped, etc.), Bear Tick, Bermudagrass mites, Bill bugs (adult), Black Legged Tick, Box elder Bugs, Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Tick (Ixodes dammini), Digger wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Fleas, Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Lone Star Tick, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (including Black Widow), Spittlebugs, Springtails, Ticks, Vegetable Weevils (in Dichondra), Western Black Legged Tick (Ixodes pacificus)*
- * **PROVIDES CONTACT AND RESIDUAL CONTROL FOR UP TO 4 WEEKS**

ACTIVE INGREDIENT:

*Permethrin0.5%

INERT INGREDIENTS:99.5%
 100.0%

*(3-phenoxyphenyl) methyl (+/-) is/trains 3-(2,2-dichloroethenyl) 2,2-dimethyl-cyclopropanecarboxylate. Cis/trans ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans.

EPA REG. NO. 8378-LC EPA EST. NO. 8378-IN-I

KEEP OUT OF REACH OF CHILDREN
CAUTION

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 - 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.

See side panel for additional Precautionary Statements

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling

Environmental Hazards

This product is extremely toxic to fish. Do not apply directly to water. Drifts and Runoffs from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

This product is recommended for the control of lawn insects, fleas and ticks outdoors in residential areas. Repeated applications are made by broadcast treatment with a spreader to lawns, under shrubbery, and other ornamental and turf grass areas, band treatments are recommended around house foundations and spot applications are made to ant mounds and wasp nests.

STORAGE & DISPOSAL

Storage: Store product in its original container in a cool, dry, locked place out of reach of children.

Disposal: Completely empty bag into application equipment. Do not reuse empty container. Wrap bag and put in trash collection.

GENERAL USE DIRECTIONS

1. Determine size of area to be treated - measure and multiply length times width.
2. Determine appropriate spreader setting using chart.
3. Treated as directed - thorough coverage is important. Water in where indicated.
4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

To control *Ants, Army worms (including Fall, Yellow-Striped, etc.), Bermudagrass mites, Billbugs (adult), Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover mites, Cockroaches, Crickets, Darkling Ground Beetles, Digger wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (including Black Widow), Spittlebugs, Springtails, Vegetable Weevils (in Dichondra);* Apply this

Net Weight 50 Pounds.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No. 8378-59

product uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of 2 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn lightly. Re-treat as necessary.

European Crane fly larvae (Leatherjackets - the best time to apply is in May or June when the insects are young).

Chinch Bugs - Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

FLEA AND TICK CONTROL (OUTDOORS)

In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of **Fleas and Ticks** (including but not limited to **Bear Tick, Black-legged Tick, Brown Dog Tick, Deer Tick (Ixodes dammini), Lone Star Tick, Western Black-legged Tick, Wood Tick**); a regular treatment program should be followed. Treat once a month when pests first appear in late spring (May - June) and continue until late summer (September - October). Fall temperatures below 50°F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

Note: Dogs, cats, their kennel or bedding area should also be treated with a registered product. In addition, if fleas and ticks are indoors on carpets or pet resting areas, use a registered product such as Vikor Insecticide Concentrate or Vikor Home Pest Control, ideally in combination with an Insect Growth Regulator such as Alter EC. It is very important that all three sites - outdoors, indoors and also the pet be treated with appropriate labeled products to achieve satisfactory control. If any of these areas is not treated, it could serve as a source of reinfestation to the entire premises.

SOD WEBWORMS (*Crambus Spp*)

Sod Webworms are the light brown caterpillars 1/4 to 3/4 inch long, that hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referred to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If Lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION

To help prevent infestation of buildings by **Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets, Fleas, Scorpions, Sowbugs, Spiders (including Black Widow), Springtails (Collembola) and Ticks**; treat at a rate of one pound per 500 sq. ft. or 2 lbs. per 1,000 sq. ft. Apply a 5-foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application. Repeat as necessary.

SPOT TREATMENT

ANTS NESTING OUTDOORS: This product may be used outdoors for the control of ants, including: **Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants**. If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with water. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.

DIGGER WASPS: Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

IMPORTED FIRE ANTS: Apply one cup over, and 2 feet around each fire ant mound. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. Apply in cool weather (65 - 80°F), or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS

Spreader Make and Model	Setting to Deliver:	
	2lbs/1000 ft ²	3 lbs/1000ft ²
Cyclone Broadcast	3	5
Greenview Jet Spred III	4	6
Greenview Drop Spred III	3	5
Republic Drop EZ 530	6 1/2	8
Scotts AG3	6	7
Scotts SG3	4	5
Scotts EG3	24	26
Scotts PF4	6	7
Sears Craftsman Broadcast	5 1/2	7
Sears Craftsman Drop	5 1/2	7

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Aventis Environmental Science's control, it is impossible for Aventis Environmental Science to eliminate all risks associated with the use of this product. All such risks shall be assumed by the user or buyer.

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