
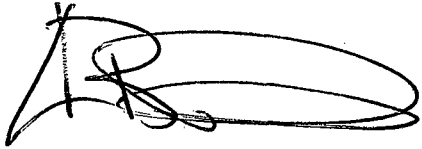


8378-64

04/26/2013

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	EPA Registration Number: 8378-64	Date of Issuance: APR 26 2013
	Term of Issuance: Unconditional	
	Name of Pesticide Product: Shaw's Tupersan 470 Granules	
Name and Address of Registrant (include ZIP Code): Knox Fertilizer Company, Inc. P.O. Box 248 Knox, IN 46534		
<p>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.</p> <p>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.</p> <p>EPA received a label amendment request submitted on 3/20/13. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision (RED) for Siduron have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after twelve (12) months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.</p>		
Signature of Approving Official: Kable Bo Davis Product Manager 25 Herbicide Branch Registration Division (7505P)	 Date: APR 26 2013	

EPA Form 8570-6

If you have any questions regarding this Notice, please contact Tracy T. White at (703) 308-0042 or at White.Tracy@epa.gov.

Shaw's® Tupersan® 470 Granules

Pre-emergent Herbicide Granules

Intended only for professional use on newly seeded lawns, parks, and golf course grasses as listed

ACTIVE INGREDIENT:

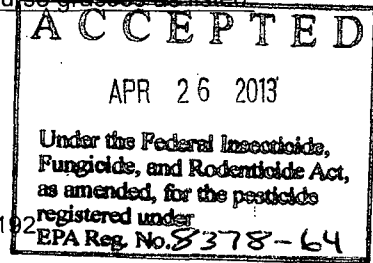
Siduron* 4.70%

OTHER INGREDIENTS: 95.30%

Total 100.00%

*CAS [1982-49-6]

Tupersan is a registered trademark of Gowan Company. Original U.S. Patent No. 3,309,192
Shaw's is a registered trademark of Knox Fertilizer Company, Inc.



EPA REG. NO. 8378-64

EPA EST. NO. 8378-IN-1

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. 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 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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

For emergency medical information call 800-424-9300.
Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS and DOMESTIC ANIMALS

CAUTION:

Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE):

All loaders, applicators and others handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Chemical resistant gloves

USER SAFETY REQUIREMENTS: Follow manufacturers instructions for cleaning/maintaining PPE. IF no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User safety recommendations - Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters or rinsate.

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 turfgrass being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

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

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

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

IF PARTLY FILLED: Call your local solid waste agency 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.

RESTRICTIONS:

Do not contaminate feed or foodstuffs. Do not use on turf to be used for feed or food purposes.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not enter or allow others to enter the treated area until dusts have settled. If watering-in is required after the application, do not enter or allow others to enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry. Aerial application is prohibited. Non-target plants can be adversely affected by this product. For golf course band-treatment: Do not make more than 6 applications of Siduron (of one product or combination of products) to golf course greens per year.

WHERE TO USE

For use on newly seeded or established plantings of the following grasses: Kentucky Bluegrass – Fescues (tall & turf types), Redtop, Perennial Ryegrass, Zoysiagrass, Smooth Brome, Orchardgrass, Reed Canarygrass, and Certain Bentgrass strains as follows; Penncross, Seaside, Highland, Astoria, Nimislia, C1, C7, and C-19. Do not use on OTHER Bentgrass since INJURY MAY OCCUR! Do not use on BERMUDAGRASS OR DICHONDRA LAWNS. This product will not control POA ANNUA. (Annual bluegrass), and it will not control established growing weeds. See section "KNOW YOUR TYPE OF SOIL". Intended only for professional use on newly seeded lawns, parks, and golf course grasses.

HOW MUCH, WHERE, and WHEN TO USE FOR NEWLY SEEDED LAWNS, PARKS, GOLF COURSES

For a single application Apply as the final operation after seeding in the spring and two weeks prior to weed seed germination. Apply 2 to 6 lbs. AI per acre equal to 1 to 3 lbs. of this product per 1,000 sq. ft. **For a split application** Apply the first application as the final operation after seeding in the spring and 2 weeks prior to weed seed germination. Apply 3 to 6 lbs. AI per acre equal to 1.5 lbs. to 3 lbs. of product per 1,000 sq. ft. For the second (or split) application follow in 4 weeks with an application of 2 to 3 lbs. AI per acre equal to 1 to 1.5 lbs. product per 1,000 sq. ft. Follow good cultural practices of keeping the area moist to help grass seed germinate and to activate the pre-emergent herbicide.

See the section on Application Schedule and RAINFALL or IRRIGATION on this label.

FOR ESTABLISHED LAWNS, PARKS, GOLF COURSES

Make a single application to established turf or to turfgrass which has received fall seeding. Apply in the spring prior to the expected germination of annual weed seed grasses. Apply; 8 to 12 lbs. of AI per acre equal to 4 lbs. to 5.9 lbs. of this product per 1,000 sq. ft. Spring application timing will vary from early February in the South to March in the North. Follow the application with a thorough watering (¼ to ½ inch) to activate the herbicide.

HOW TO APPLY

To insure best weed control and proper fertilization, the lawn should be free of leaves, grass clippings or thatch which might interfere with the pre-emergence action of the herbicide. Complete all cultural practices such as aerification before application. Apply with a properly calibrated Fertilizer Spreader. Follow the watering in procedure after application. **IMPORTANT: See section on Know Your Type of Soil.**

APPLICATION TIMING CHART //	
THESE ARE TIMES TO APPLY FOR ANNUAL WEED SEED CONTROL	
JAN. FEB. MAR. APR. MAY. JUNE JULY AUG. SEPT. OCT. NOV. DEC	
1. Northern Lawns _____	1. // (Last of March to middle of May)
2. Southern Lawns _____	2. // (Mid February to middle of May)
1. Northern lawns: For Crabgrass, Foxtail, & other listed Grassy Weeds.	
2. Southern lawns: Weeds germinate earlier in the Southern States. Apply earlier (as above) for Crabgrass, Foxtail, & other listed Weeds.	

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SPREADER SETTINGS

Apply this product with a drop or rotary-type spreader designed to accurately apply granular herbicides. Before application, check the spreader calibration according to the equipment manufacturer's manual. Make sure that the spreader delivers the exact application rate chosen from the directions in Table # 1 on this label OTHERWISE DO NOT APPLY.

Spreader Setting for the	Pounds Rate per 1,000 sq. ft.				
	1 lb.	1.5 lbs.	3 lbs.	4 lbs.	5.9 lbs.
Spreader Make					
Scott "Drop Type"	X	X	X	X	X
Cyclone B-1	X	X	x	X	X

When used as Directed this product Will Not Harm Your Desirable Lawn Grass Seeds as listed on this product label ... Yet Kills Annual Weed Grasses Such as Smooth and Hairy Crabgrass – Foxtail Weed Grasses – and Barnyardgrass (Watergrass).

Not For Use on Bermudagrass or Dichondra lawns.

RESEEDING THE TREATED AREAS.

This product may be applied to the soil at the same time as sowing the listed varieties of grass seeds or the listed varieties of grass seed may be sown after the product has been applied. When used as directed on the listed turfgrasses this product will not affect the germination of those desirable grass seeds.

WEEDS CONTROLLED WITH THIS PRODUCT

Annual Weed Grasses such as:

Crabgrass (smooth, large, hairy), Foxtail (green, yellow and giant), Downy Bromegrass, Barnyardgrass, and Orchardgrass.

**KNOW YOUR TYPE OF SOIL: CLAY? SANDY? ORGANIC?
DIFFERENT TYPES OF SOIL MAY REQUIRE AN ADJUSTED RATE**

Soil absorption of this herbicide increases with higher organic matter or higher clay contents. Soils with high organic matter levels require higher dosage rates than soils with low organic matter and soil textures with high clay content require higher usage rates than soil textures with low clay content for equal performance.

APPLICATION SCHEDULE and RAINFALL or IRRIGATION

This product may be applied to the turf before emergence of weeds and will control susceptible weed seedlings for an extended period. Pre-emergent applications of this product can be made after sowing seed and before the emergence of grass seedlings. Water is required to activate the herbicide following these applications. Either Rainfall or Irrigation (1/2 inch) must be provided within three days to optimize the weed control. See the Split application for newly seeded lawns in **TABLE #1**.

TABLE # 1 APPLICATION RATES FOR LAWNS, GOLF COURSES, PARKS, AND ORNAMENTAL TURFGRASSES		
Tolerant Turfgrass Species Bentgrass (Creeping), Bentgrass (Colonial), Fescue: (Tall and Turf Type), Kentucky Bluegrass, Perennial Ryegrass, <u>Mixtures</u> of Kentucky Bluegrass, Perennial Ryegrass and Fescues		
When to apply	Application schedule	Pounds of product to apply / 1,000 sq. ft. equals to pounds of AI per Acre
For use in the spring at the time of sowing seed, use these rates and methods	A Single application	1 # to 3 # of product per 1,000 sq. ft. equal to 2 # to 6 # AI per Acre
	A Split application Apply second application four weeks after the first one.	1.5 # to 3 # product per 1,000 sq. ft. equal to 3 # to 6 # AI per Acre
		Use the following rates for the second application in 4 weeks
		1 # to 1.5 # product per 1,000 sq. ft. equal to 2 # to 3 # AI per Acre
Fall Seeding and Established lawns	Apply a Single application	4 # to 5.9 # product per 1,000 sq. ft. equal to 8 # to 12 # AI per Acre

CONDITIONS OF SALE

- To the extent consistent with applicable laws, there are no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label.
- To the extent consistent with applicable laws, Knox Fertilizer Co. Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.
- To the extent consistent with applicable laws, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Knox Fertilizer Company Inc.'s option, the replacement of the product.

Knox Fertilizer Company, Inc.
PO Box 248
Knox, Indiana 46534

Net Weight 20 Lbs. (9.07 kg.)

Batch No.