



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

OCT 14 2003

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

H.R. McLane, Inc.
For: Knox Fertilizer Company
7210 Red Road, Suite 206A
Miami, FL 33143-5321

Dear Mr. McLane:

Subject: Label Amendments
Product: Shaw's X-X-X Fertilizer plus Preemergent Weed Control (low-end range)
EPA Registration Number: 8378-45

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. Under PRECAUTIONARY STATEMENTS;

- Add "Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet."
- Add "Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."
- Add a statement of PPE that requires users to wear "long sleeved shirt and long pants" and "shoes plus socks."

2. Under DIRECTIONS FOR USE;

- Add "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."
- Add "Do not allow people or pets to enter the treated area until dusts have settled."

3. Under ENVIRONMENTAL HAZARDS;

- Add "Do not contaminate water when disposing of equipment washwater."

4. Under STORAGE AND DISPOSAL;

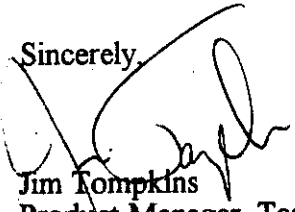
- Change "Storage" to "Pesticide Storage."

5. Add a statement of maximum use rate.

6. Add the "Guaranteed Fertilizer Analysis" box back on the label.

Submit three (3) copies of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted labels. A stamped copy of labeling is enclosed for your records.

Sincerely,



Jim Tompkins
Product Manager, Team 25
Herbicide Branch
Registration Division (7505C)

Enclosure

OCT 14 2003

3/5

Low end range

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

Shaw's X-X-X Fertilizer Plus

Preemergent Weed Control

8378-45

Preemergent Control of Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, Poa Annua, and Spurge. Supplies quick greening and extended feeding.

ACTIVE INGREDIENT:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine)..... 0.50%

INERT INGREDIENTS: ~~99.50%~~
100.00%

EPA REG. NO. 8378-45

EPA EST. NO. 8378-IN-1

KEEP OUT OF REACH OF CHILDREN**CAUTION**

See side Panel for additional precautionary statements

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS and DOMESTIC ANIMALS**

CAUTION: Causes eye irritation. Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not feed clippings to livestock. Do not graze treated areas.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, sweep up and use per label instructions or dispose of as directed.

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 grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in labeled container, in a dry, clean area. Partially used bags should be sealed by, folding down the top and securing. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Do not reuse empty bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State or local authorities, by burning. If burned stay out of smoke.

This product is a turf fertilizer and a selective preemergence herbicide for use on established turfgrass including Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bentgrass and Poa Annua (except putting greens and tees), Bermudagrass (non "winter-overseeded"), St. Augustinegrass, Bahiagrass, Zoysiagrass, Centipedegrass and blends of these grasses. Refer to label section entitled "Bermudagrass, Bentgrass and Poa Annua Precautions". Do not apply this product through any type of irrigation system. Do not apply aerially.

WEEDS CONTROLLED

When used at the recommended rates (See Turf Species and Rate Table) this product will prevent sprouting of the following grassy and dicot weeds and provides a nitrogen feeding.

Grassy Weeds

Poa Annua
Barnyardgrass
Crabgrass-(Large, Smooth)
Foxtail-(Yellow, Green)
Goosegrass
Fall panicum

Dicot Weeds

Common Chickweed
Knotweed
Oxalis
Prostrate Spurge

To prevent Goosegrass, Crabgrass, Foxtail, Barnyardgrass, Fall panicum, Oxalis, Knotweed, Prostrate Spurge, apply in the spring before they sprout. To prevent Poa Annua and fall germinating chickweed, apply product to dry foliage in late summer or early fall before seeds germinate. Repeat application yearly for continued control.

ESTABLISHED TURF

When applied prior to germination of weeds this product will control weeds listed in WEEDS CONTROLLED section, in established Northern and Southern turf.

NORTHERN Cool Season GRASSES

Apply 4.6 to 8.0 lbs. per 1,000-sq. ft. prior to germination of weeds. (equiv. to 1.0 to 1.75 lbs. of Active Ingredient/acre)

SOUTHERN Warm Season GRASSES

Apply 4.6 to 9.2 lbs. per 1,000-sq. ft. prior to germination of weeds. (equiv. To 1.0 to 2.0 lbs. of Active Ingredient/acre)

Where light weed infestations are expected, the lower rates may be used. For extended weed control, repeat application is recommended. For best results, water after all application (1/4 to 1.2 inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical herbicide barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying the turf after applying this product.

PRECAUTIONS IN USING

Do not use on Bentgrass and Poa Annua putting greens and tees, or on dichondra. Where Bentgrass and Bentgrass-containing turf and Poa Annua are desired species, a lower rate application only is recommended. On Cool Season Turfgrass avoid application when temperatures are regularly in the 80's. This product may cause discoloration and thinning where over applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperatures-below 40 degrees F, scalping, and excessive soil moisture.

BERMUDAGRASS, BENTGRASS AND POA ANNUA PRECAUTIONS

Do not apply to dormant Bermudagrass, Bentgrass or Poa Annua (turf that is not growing actively or has frost injury). May be applied to dormant Bermudagrass if it has been maintained at $\frac{1}{2}$ inch or more high cut and is growing in medium fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of Bermudagrass do not make an application until turf has greened up, is growing vigorously, and has filled in the dead areas. Application to Bermudagrass overseeded with cool season grass may injure and thin the overseeded variety. Do not apply to Bentgrass or Poa Annua after late summer.

OTHER PRECAUTIONS

Delay seeding 4 months and sprigging by 5 months after an application. For best results, the soil surface should be worked (verticut and/or etc.) to destroy any remaining chemical residue before planting. For newly planted areas, wait until the turf has been mowed up to 4 times, and is growing vigorously before application. Do not apply to the same area more than twice per year. Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water. If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5 to 10 miles per hour) due to its yellow staining potential.

APPLICATION EQUIPMENT AND INSTRUCTIONS**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.

Spreader Setting	Pounds per 1,000 sq. ft.					
Spreaders	Spread width	4.6	5.7	6.9	8.0	9.2
Scotts RBA	7'	xx	xx	xx	xx	xx
Lesco high wheel	7'	xx	xx	xx	xx	xx
Spyker 24-22	7'	xx	xx	xx	xx	xx
Prizelawn CBR-11	7'	xx	xx	xx	xx	xx
Earthway 2400-SS	7'	xx	xx	xx	xx	xx
xx						
Vicon	5'	xx	xx	xx	xx	xx
Lely	41/2	xx	xx	xx	xx	xx

IMPORTANT: PLEASE READ BEFORE USE

By using this product the user accepts the following: **LIMITED WARRANTY:** Knox Fertilizer Company warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings cautions, and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of Bentgrass and Poa Annua, in all states, or under all application, weather and crop conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performance under his growing conditions.

There are no express warranties other than those set forth herein. Knox neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Knox expressly excluded and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warning or cautions.

User's exclusive remedy and Knox's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at

Knox's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Knox or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (d:\pend-HI.pm5\12-28-94\3-7-02)

Distributed by: Knox Fertilizer Company, Inc.
PO Box 248
Knox, Indiana 46534
NET WEIGHT 50 LBS. (22.7 kg.)