



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Janine M. Polizzi
ChemReg International, LLC
Authorized Agent for Knox Fertilizer Company
Knox Fertilizer Company
P.O. Box 248
Knox, IN 46534

AUG 15 2002

Dear Ms. Polizzi:

Subject: Dimension® 130 Turf Herbicide with Plant Food
EPA Reg. No. 8378-53
Application and Letter Dated July 24, 2002,
Requesting Amendments To This Registration: To Comply
with EPA PR-Notice 2001-1 and 2001-6, by Updating First
Aid Statements and Storage and Disposal Statements,
Respectively; To Modify the Ingredients Statements To
Delete the Chemical Name per PR Notice 97-5; To Add
Restrictions for the Product as Required by State Law
in the State of New York; To Add Minor Changes for
Clarification; and Your Letter Dated August 14, 2002,
Resubmission of Proposed Labeling with Letter from
New York State Department of Environmental
Conservation, (from Jeanine Broughel to Telisport W.
Putsavage, Re: NY Dithiopyr Labeling

The propose labeling submitted with your letter dated August 14, 2002 has been reviewed and found acceptable as an amendment to the registration of the subject pesticide product under the Federal Insecticide, Fungicide and Rodenticide Act, as amended provided that you:

Comments for "Commercial" labeling:

1. Revise the second paragraph under the "General Information" section to read:

"This product should only be applied to lawns and ornamental turfs that are composed of one or more of the following turfgrass species that have been determined to be tolerant. When applied as directed by this label the following established turfgrasses are tolerant to this product:"

2. Revise the last statement in the paragraph under "Control of Crabgrass, Preemergence and Early Postemergence Control" that reads: "So the practicalto make

applications and still control crabgrass."; to read: "So the practicalto make **an application** and still control crabgrass."

- 3. Under the "Spring Applications" section revise the statement that reads: "Where split fertilizer.....may be split across two applications.."; to read: "Where split Fertilizermay be split **between** two applications".

Comment for both "Commercial" and "Homeowner" labeling

- 4. Submit one (1) copy of the final printed label prior to your shipment of this pesticide product under the enclosed revised stamped label.

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 under this labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Sincerely yours,

Eugene M. Wilson
 for Joanne I. Miller
 Product Manager (23)
 Herbicide Branch
 Registration Division (7505C)

Enclosure

Dimension® 130

Turf Herbicide with Plant Food

This product is a selective herbicide that provides control of listed annual grasses and broadleaf weeds in established lawns and ornamental turf.

Not for use on turf being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

ACTIVE INGREDIENT:

Dithiopyr* 0.13%

INERT INGREDIENTS: 99.87%

Total 100.00%

*CAS # 97886-45-8

Fertilizer Guarantee Analysis	
Nitrogen	XX%
Phosphate	XX%
Potash	XX%
Derived from Urea, Ammoniated Phosphate, and Muriate of Potash.	

Product protected by U.S. Patent No. 4,692,184. Other patents pending.

EPA REG. NO. 8378-53

EPA EST. NO. 8378-IN-1

Read the entire label before using this product. Use only according to label instructions.

NOTICE: Before using this product, read the entire Precautionary Statements, Terms and Conditions of Use, Directions for Use, Use Precautions, and Storage and Disposal Instructions. If the Terms and Conditions of Use are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Weight XX lbs. (XX kg.)

-----End Front Panel-----

-----Optional Marketing Statements to add to Front Panel-----

- A Selective Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and Other Weeds in Established Lawns and Ornamental Turfgrasses.
- Premium Granular Fertilizer - Providing the Nutrients Needed for Beautiful Healthy Lawn.
- Contains Dimension® - A Highly Effective Herbicide for Crabgrass Control! Can be Applied Up to 4 Weeks Later Than Other Pre-Emergent Herbicides as an Early Post Emergent Herbicide for Control of Crabgrass.
- This Bag Treats Up to XXX Square Feet.
- Controls Crabgrass and Other Annual Grasses.
- Feeds Your Lawn and Promotes Thick Green Grass.
- Controls Crabgrass.
- Feeds your Lawn.
- XX Nitrogen Slow Release Nitrogen for Continuous Greening.
- XX Phosphorous Helps Develop a Stronger Root System.
- XX Potash Vital for Growth. Improves Plant Hardiness and Drought Resistance.
- Covers XXX Square Feet.

-----End Optional Marketing Statements-----

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

AUG 15 2002

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

8378-53

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 from 6:30 a.m. to 4:30 p.m. Pacific Time, everyday, for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and DOMESTIC ANIMALS
CAUTION: CAUSES EYE IRRITATION. HARMFUL IF INHALED.
 Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift or runoff may adversely affect aquatic organisms in adjacent aquatic sites. 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 when weather conditions favor drift from treated areas. 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 any manner inconsistent with its labeling.

GENERAL INFORMATION

This product is a combination product that provides both weed control and the required nutrients for optimum turfgrass growth in a single product.

It is a selective herbicide that can be applied up to 4 weeks later than other crabgrass preventers and will provide up to 4 months control of crabgrass.

It will also control other grass and broadleaf weeds listed on this label if applied prior to their seed germination.

This product may be applied to established lawns and ornamental turfgrasses composed of the following tolerant grass species:

- | | |
|---|--|
| <p><u>Cool-Season Turfgrasses</u></p> <ul style="list-style-type: none"> Creeping Bentgrass Fines Fescues Kentucky Bluegrass Perennial Ryegrass Tall Fescues | <p><u>Warm-Season Turfgrasses</u></p> <ul style="list-style-type: none"> Bahiagrass Bermudagrass Buffalograss Carpetgrass Centipedegrass St. Augustinegrass Zoysiagrass |
|---|--|

This product may be applied in the spring or fall prior to the weed seed germination in established lawns and ornamental turfgrass.

This product provides preemergence control of crabgrass and other weeds when applied prior to their germination, and it may also provide postemergence control of seedling crabgrass. The postemergence control provided by this product is limited to crabgrass. It only will provide control up to 4 weeks after crabgrass germination if applied for postemergent control. Do not apply this product later than 4 weeks after crabgrass germination.

For control of other grasses and broadleaf weeds, this product must be applied as a preventative treatment before their emergence. Only crabgrass will be controlled with applications made 4 weeks after germination.

Improved weed control may occur when this product is applied within a few days after mowing and further mowing is delayed until the turfgrass has been watered or receives adequate rainfall to dissolve the fertilizer granules.

Reseeding, Overseeding, Or Sprigging
 Reseeding, overseeding, or sprigging of turfgrasses listed on this label into areas that have been previously treated with this product must be delayed until 8 weeks after application. Reseeding, overseeding, or sprigging before 8 weeks after application may injure or prevent the establishment of the newly reseeded, overseeded or sprigged turfgrass.

Use on New Lawns of Kentucky Bluegrass, Perennial Ryegrass and/or Fall Fescue
 To establish a new lawn of Kentucky Bluegrass, Perennial Ryegrass and/or Fall Fescue, this product may be applied 2 weeks after the first sign of germination. For other tolerant turfgrasses listed on this label, wait until the grass is well established (2 mowings) before applying this product.

- USE PRECAUTIONS**
- This product should only be applied to lawns and ornamental turfgrasses that are well established. Do not apply to lawns or turfgrasses that are under stress.
 - DO NOT apply more than 8.8 pounds of this product/ 1,000 sq. ft. per application and no more than 13.4 pounds of this product/ 1,000 sq. ft. per year (1,000 square feet = 100 X 10 feet).
 - DO NOT use clippings from treated turf for mulching around vegetables or fruit trees.
 - Keep people and pets off treated areas until dust has settled.

APPLICATION DIRECTIONS

This product will provide control of crabgrass and other grass and broadleaf weeds listed below when applied prior to germination in established lawns and ornamental turfgrasses.

Weeds Controlled by this product:

- | | |
|--|---|
| <p><u>Grass Weeds:</u></p> <ul style="list-style-type: none"> Annual Bluegrass Annual Ryegrass Barnyardgrass Crabgrass Crowfootgrass Goosegrass Green Foxtail Kikuyugrass (seedling) Perennial Ryegrass Smutgrass (seedling) Yellow Foxtail | <p><u>Broadleaf Weeds:</u></p> <ul style="list-style-type: none"> Bittercress Buttercup Oxalis Carolina Geranium Chickweed Common Lespedeza Common Purslane Corn Speedwell Creeping Oxalis Henbit Parsley-piert Pineappleweed Prostrate Spurge Spotted Spurge Yellow Woodsorrel |
|--|---|

APPLICATION TIMING

This product may be applied either in the spring or in the fall for the control of weeds.

When this product is applied in the fall, a sequential or second application may be made the following spring to provide up to 4 months control of weeds.

If this product is applied in the fall, DO NOT reseed, overseed or sprig turfgrasses before 12 weeks after application of this product due to potential injury to newly reseeded, overseeded or sprigged turfgrasses.

Length of Control:

This product will provide up to 4 months of control of listed weeds when applied according to label directions.

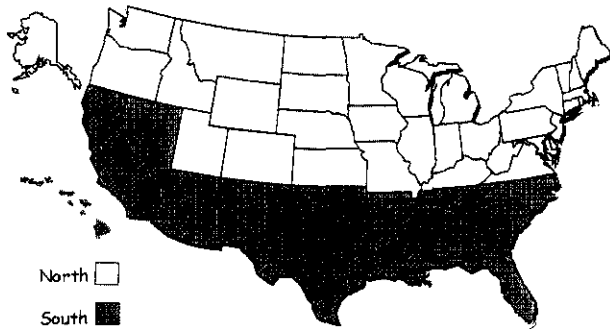
The actual length of control will vary depending on use rate, weather conditions, conditions of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States that this product is being applied.

Please check the map below to determine the region of the U.S. that applies to your particular use area, and find the number of pounds of this product needed in your area based on the length of weed controlled given in the tables below.

Post Emergence Crabgrass Control

For post emergent crabgrass control, apply this product at the recommended rates when crabgrass is small (3-4 leaf). This product will not control large tillered crabgrass. Applications will control existing crabgrass and prevent further emergence.

Use "Regions" within the United States



RECOMMENDED USE RATES (Pounds of this product to apply 1,000 square feet of turfgrass)			
	Length of Weed Control		
Regions of U.S.	2-3 Months Control	3-4 Months Control	Early Post Emergence Control
North	2.2 (0.13 lb. AI/acre)	3.1 (0.17 lb. AI/acre)	4.0- 8.8 (0.22-0.50 lb. AI/acre)*
South	3.4 (0.19 lb. AI/acre)	4.0 - 4.5 (0.22-0.26 lb. AI/acre)*	4.0- 8.8 (0.22-0.50 lb. AI/acre)*
DO NOT apply more than 8.8 pounds of this product per 1,000 sq. ft. per application and no more than 13.4 pounds of this product/ 1,000 sq. ft. per year (1,000 square feet = 100 X 10 feet).			
In the State of New York: Do not exceed 0.25 pounds active ingredient Dithiopyr per acre per year (4.4 lbs. product/1000 sq. ft.). Do Not Apply More Than Once Per Year To The Same Area.			
*Use the higher rate in areas of high weed pressure.			

APPLICATION EQUIPMENT AND INSTRUCTIONS

This product can be applied with a drop or rotary spreader designed to apply granular herbicides.

For best results, apply this product evenly and uniformly over the turfgrass area avoiding streaking, skips or overlaps. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands.

Before each application, calibrate the spreader according to the equipment manufacturer's directions. Adjust the spreader settings such that the spreader delivers the appropriate application rates of this product as recommended above.

A more uniform application can be made by spreading one-half of the recommended amount of this product over the turfgrass area and then applying the remaining one-half of this product at a right angle to the previous application direction.

Check application equipment frequently to insure equipment is functioning properly and applying a uniform distribution of this product.

Spreader	Spreader Settings Lbs. of product to apply /1,000 sq. ft.					
	2.2 lbs.	3.1 lbs.	3.4 lbs.	4.0 lbs.	4.5 lbs.	8.8 lbs.
Cyclone	XXX	XXX	XXX	XXX	XXX	XXX
Scotts	XXX	XXX	XXX	XXX	XXX	XXX

STORAGE AND DISPOSAL

STORAGE: Store this product only in its original container in a dry, cool, secured storage area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PRODUCT 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.

IF PARTLY FILLED: Call your local solid 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 Product Disposal directions listed above.

TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase process paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

WARRANTY DISCLAIMER

Seller warrants that this product conforms to the chemical description on the labels and is reasonably fit for the purposes stated on the labels when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, manner of application or other factors, all of which are beyond the control of the Seller. All such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount or product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller promptly notifies of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of this Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Seller or the Seller is authorized to vary or excess the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Distributed by:
Knox Fertilizer Company, Inc.
PO Box 248
Knox, Indiana 46534

Net Weight XX lbs. (XX kg.)