

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	47056-41	OCT - 2 1989
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREГИSTRATION (Under the Federal Insecticide, Fungicide and Rodenticide Act as amended)		NAME OF PESTICIDE PRODUCT Turfic Benfluralin Crabgrass Control 1.3 Plus

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

H.R. McLane, Inc.
 7210 SW. 57th Avenue, Suite 212A
 Miami, FL 33143

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

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

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

- a. Add the phrase "EPA Registration No. 47056-41."
- b. Change the declaration for the active ingredient to read:

N-butyl-N-ethyl-alpha, alpha, alpha-trifluoro-2,5-dinitro-p-toluidine

(Note that the positions for dinitro are 2,6.)

- c. Add the phrase "Get medical attention if irritation persists" to the skin irritation portion of your Precautionary Statements.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Robert J. Taylor*

DATE: 9/25/89

- d. Add the words "or wetlands" to your Environmental Hazards to read:

Do not apply directly to any body of water or wetlands.

- e. Add the phrase "3. Apply in spring to bluegrass planted the previous fall" to the WHERE, WHEN, and HOW to APPLY THIS PRODUCT portion of your label.
- f. Include reseeding instructions for applying 50 pounds per 19,000 square feet, and include spreader settings for Northern Lawns.

3. Submit storage and stability data no later than October 1, 1990.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

EPA\HRM\47056-AJ.LA1 HD #49
EPA File Symbol: 47056-

FOR NORTHERN LAWNS 50 POUNDS COVERS 19,000 SQ.FT.
FOR SOUTHERN LAWNS 50 POUNDS COVERS 10,000 SQ.FT.

TURFIC BENFLURALIN CRABGRASS CONTROL 1.3 PLUS

A BALAN® PRE-EMERGENT HERBICIDE PLUS 26-3-6 FERTILIZER

For Use On Established Home Lawns and Ornamental Turf
BLUEGRASS-RYEGRASS-FESCUE-BAHIA GRASS-BERMUDA GRASS CENTIPEDE GRASS- ST.
AUGUSTINE GRASS- ZOYSIA GRASS

To Control Crabgrass, Foxtail, Goosegrass, Watergrass and Annual Bluegrass (Poa
Annua)

BALAN® is a Reg. Trademark of the Elanco Products Company

ACTIVE INGREDIENT:

M-butyl N-ethyl, alpha, alpha, alpha,
trifluoro-2,5-dinitro-p-toluidine 1.3%

INERT INGREDIENTS: 98.7%
TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED. Call a physician or Poison Control Center immediately. Induce
vomiting by giving victim 1 or 2 glasses of water and touching back of throat
with finger. Do not induce vomiting or give anything by mouth to an unconscious
or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and
water.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 47056-

EPA EST. NO. 47056-FL-1

NET WEIGHT 50 POUNDS

M. R. MCLANE, INC.
7210 S.W. 57TH AVENUE
MIAMI, FLORIDA 33143

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin,
eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish. Do not apply directly
to any body of water. Do not apply when weather conditions favor drift from treated areas.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in original container in a
cool, dry, locked place out of reach of children. 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: Completely empty bag into
application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State
and local authorities, by burning. If burned stay out of smoke. HOUSEHOLD: Do not re-use empty bag. Wrap and put in
trash.

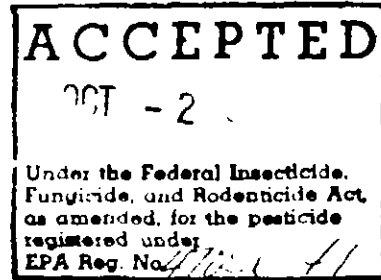
DIRECTIONS FOR USE (Cont.)

When applied according to these Directions this product can be used safely on the following turfgrass varieties:
PERENNIAL BLUEGRASS VARIETIES, PERENNIAL RYEGRASS VARIETIES, BERMUDAGRASS, BAHIA GRASS, CENTIPEDEGRASS, FESCUE VARIETIES,
ST. AUGUSTINE GRASS and ZOYSIAGRASS lawns and ornamental turf.

WEEDS CONTROLLED

This product contains a pre-emergence herbicide plus a complete lawn food. It should be applied to established turf for
the control of CRABGRASS (Smooth and Hairly), GOOSEGRASS (Silver Crab or Crowfoot), BARNYARDGRASS (Watergrass), FOXTAIL
(Green and Yellow), and ANNUAL BLUEGRASS (Poa Annua)

When properly applied it will control these grassy weeds and will supply northern grasses with 0.68 to 0.86 lbs.
nitrogen fertilizer / 1,000 Sq.Ft. and 0.86 to 1.30 lbs. nitrogen/1,000 Sq.Ft. for Southern Lawns.



BEST AVAILABLE COPY

JUN 21 1988

WHERE, WHEN AND HOW TO APPLY THIS PRODUCT: Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns. DO NOT: 1. Apply in the spring to Bermuda Grass which has been overseeded with winter grasses (rye) since thinning will occur. DO NOT: 2. Do not use on Dichondra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, nor to Bentgrass. This product may thin "fine-leaved" Fescue lawns when used at higher rates than 116 lbs. /acre. Do not over dose.

APPROPRIATE TIMES TO APPLY THIS PRODUCT FOR CONTROL OF WEED SEEDS THAT GERMINATE DURING THE FOLLOWING PERIODS

NORTHERN LAWNS - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS

Germinates - Mid March up to mid May - - Apply Mar 1st to May 1st

- FOR POA ANNUA (Annual Bluegrass)

Germinates - Mid August to October 1st. - Apply Aug. 1st to Sept 15th.

SOUTHERN LAWNS - FOR CRABGRASS, FOXTAIL, GOOSEGRASS, WATERGRASS

Germinates - February First to Mid April - - Apply Jan 15th to April 1st

- FOR POA ANNUA (Annual Bluegrass)

Germinates - October First thru December- Apply Sept. 15th to Dec. 1st.

APPLY THIS PRODUCT APPROXIMATELY 2 WEEKS AHEAD OF WEED SEED GERMINATION Complete all cultural practices, such as aeration before application. Best weed control will be obtained if area is lightly irrigated soon after treatment.

HOW MUCH TO USE

NORTHERN LAWNS (Cool Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 15,000 up to 19,000 sq.ft. (equal to 1.50 to 1.90 lbs. herbicide /acre). For Poa Annuua control apply 50 lbs. to cover 15,000 /sq./ft.

SOUTHERN LAWNS (Warm Season Grasses) - For Crabgrass (etc.) apply 50 lbs. to cover 10,000 to 15,000 Sq. ft. (equal to 2.86 to 1.90 lbs. herbicide /acre). For Poa Annuua control apply 50 lbs. to cover 10,000 /sq./ft.

RESEEDING TREATED AREAS

Delay reseeding 12 to 16 weeks after treatment. When reseeding increase amount of seed needed for area by 25%.

SPREADER SETTINGS

Spreader Make	Southern Lawns	
	Crabgrass	Poa Annuua
SCOTT #35	5 1/2	6
CYCLONE B-1	4	4 1/2

These are approximate settings. You must calibrate your own spreader since it may vary due to worn or damaged condition.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N) 26%

Ammoniacal 1.2

Urea Nitrogen 18.3

Sulfur Coated Urea 6.5

Available Phosphoric Acid (P2O5) 3%

Soluble Potash (K2O) 6%

Primary Plant Food derived from: Urea, Sulfur Coated Urea, Diammonium Phosphate, Muriate of Potash. Potential Acidity 903 lb. CaCO3 /ton.

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.