

47056-16

8-1-1988

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 47056-16	DATE OF ISSUANCE AUG 1 1988
	TERM OF ISSUANCE Conditional	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Turfic Crabout With Ronstar <sup>TM</sup> Plus 14-14-14 Fertilizer	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
H.R. McLane, Inc. 7210 SW. 57th Avenue, Suite 212A Miami, FL 33143		
<b>NOTE:</b> 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. 47056-16."		
b. Delete the claim for use around apartment and condominium complexes. We have not resolved all issues concerning use of oxadiazon around the home and these claims contradict the presently required statement "NOT FOR USE ON HOME LAWNS."		
c. On the supplemental labeling for nitrogen application, correct the figure to read "... 0.68 ... lb actual Nitrogen ..."		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE AUG 1 1988

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3. Submit one (1) copy 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.

Richard F. Mountfort *RFM*  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Enclosure

Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusley,  
Oxalis, Stinging Nettle,  
Carpetgrass, Pigweed and Many Other Weeds as Listed

**ACTIVE INGREDIENT:**

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-  
isopropoxyphenyl) 1,3,4-oxadiazolin-5-yl] 0.95%

**INERT INGREDIENTS:** 99.05%

Contains RONSTAR® Herbicide a Registered Trade Mark of Rhone  
Poulenc Inc.

## KEEP OUT OF REACH OF CHILDREN WARNING

### STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately.  
Induce vomiting by giving victim 1 or 2 glasses of water & 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  
irritation persists.

**IF ON SKIN:** Wash with plenty of soap & water. Get medical attention if  
irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 47056-RA

EPA EST. NO. 47056FL-1

NET WEIGHT 50 POUNDS

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes eye and skin irritation. Avoid contact with skin, eyes  
or clothing. May be fatal if inhaled. Thoroughly wash face and hands with  
soap and water after exposure and before eating or smoking. Wear  
protective clothing including long-sleeved shirt & gloves when handling.  
Launder exposed clothing before reuse. Do not allow domestic animals  
to graze treated areas. Avoid contamination of feed and foodstuffs.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not apply  
when weather conditions favor drift from areas treated. Do not apply where  
runoff is likely to occur. Do not contaminate water when disposing of  
equipment washwaters. Apply only as specified on this label.

#### 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 its original bag, in a cool, dry, locked place  
out of reach of children. In case of spill, sweep up, and use according to  
directions or dispose of as follows.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of  
excess pesticide, or rinsate is a violation of Federal law. If these wastes  
cannot be disposed of by use according to label instructions, contact your  
State Pesticide or Environmental Control Agency, or the Hazardous Waste  
representative at the nearest EPA regional office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equip-  
ment. 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.

#### GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N) . . . . . 14%

Ammoniacal Nitrogen . . . . 5.6%

Urea Nitrogen . . . . . 8.4%

Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) . . . . 14%

Soluble Potash (K<sub>2</sub>O) . . . . . 14%

Derived from Ammonium Sulfate, Urea, Muriate of Potash.

Manganese as Mn .5% Iron as Fe 1.0% Chlorine <15%

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

Can be applied to both newly transplanted and established ornamentals  
plants where both weed control and fertilization is desired. Rainfall or  
overhead irrigation will improve weed control. Do not disturb or cultivate soil  
after treatment. Do not apply to wet foliage or under conditions in which  
granules will collect on leaves.

### HOW MUCH TO USE

For susceptible weeds apply 50 lbs. to treat 10,400 to 6,900 Sq.Ft. of Orna-  
mental planted area. This supplies plants with approximately 068 to 1.02 lbs.  
actual (N) Nitrogen plant food per 1,000 Sq.Ft. of plant bed. See Chart  
WHEN TO APPLY. (50 lbs./6,900 Sq.Ft. is preferred rate.)

\*For hard to kill weeds as \*indicated use the rate of 50 lbs. for 6,900 Sq.Ft.  
or 50 lbs. for 5,200 Sq.Ft. (3 to 4 lbs. A.I./Acre) = 7.25 lbs. to 9.8 lbs. actual  
product per 1000 Sq. Ft. of plant bed.

#### FOR AREAS WHERE WEEDS ARE GROWING

If treatment is desired in non-turf areas where weeds are presently growing  
first remove existing weeds. Rake and smooth the soil by "breaking-up"  
clumps. Apply at rate as directed for specific weeds. (50 lbs. to treat either  
10,400 Sq. Ft. or 6,900 Sq.Ft.) This treatment will only control weeds germi-  
nating from seeds. It will not control weeds sprouting from roots. Irrigate the  
area after treatment with 1/4 to 1/2 inch water to get maximum weed control.

### FOR FIELD GROWN ORNAMENTALS

\*Apply at the rate of 50 lbs. per 10,400 or 6,900 Sq.Ft. of area.

This product may be used around the following Established Plants.  
ARBORVITA, ASH, AZALEA, BARBERRY-Japanese, BIRCH, CAMELLIA,  
COTONEASTER, CRABAPPLE, DOGWOOD, EUONYMOUS, FORSYTHIA,  
HOLLY, HONEYSUCKLE, JUNIPER, LILAC, MAPLE, OAK, PERIWINKLE,  
PINE, PITTOSPORUM, PRIVET, RHODODENDRON, ROSE, RUSSIAN  
OLIVE, SPRUCE, TAXUS, VIBURNUM, XYLOSMA, GROUND COVERS:  
CARPOBROTUS, OSTEOSPERMUM, SEDUM, ALGERIAN IVY, VINCA  
MAJOR, ENGLISH IVY, PACHASANDRA, AJUGA, EUONYMOUS.

\*Use higher rate for hard to kill weeds.

May be used around the following newly transplanted ornamentals.

CAMELLIA, DOGWOOD, FORSYTHIA, HEDRA, HOLLY, JUNIPER, OAK,  
PERIWINKLE, PINE, PRIVET, RHODODENDRON, RUSSIAN OLIVE,  
SPRUCE, TAXUS, TSUGA.

To obtain continued season long weed control on the following list of plants  
additional applications may be made 60 to 120 days after the previous  
application in the following situations.

#### 2 REPEAT TREATMENTS 50 lbs / 6,900 SQ.FT ON FOLLOWING PLANTS

Established - Container Grown - Abelia, Common Boxwood, English Ivy,  
Holly, Juniper, Pine, Rhododendron. Newly Transplanted - Container  
Grown Common Boxwood, English Ivy, Juniper, Pine, Rhododendron.

#### 3 REPEAT TREATMENTS 50 lbs / 6,900 SQ.FT. ON FOLLOWING PLANTS

Established - Container Grown - Abelia, Holly, Rhododendron.  
Forest Nurseries - For Pines - Loblolly, Slash, Eastern White.

### WEED AND FEED FOR CONTAINER GROWN ORNAMENTAL PLANTS

This product is recommended on a wide variety of container and field grown  
woody ornamental shrubs, vines and trees. It may be used on the following  
list of container grown plants. Use at the rate of 50 lbs. per 5,200 sq.ft. of pot  
soil surface area. Plants in 14 inch containers set out in 12 foot wide rows X  
100 feet long will require 11.5 lbs. product per row (Equivalent to 4 lbs. A.I.  
per acre). Apply with a "shoulder strap held" grass-seeder or granule  
applicator that will direct the granules to each pot soil surface.

AGAPANTHES, ANDROMEDA, ARBORVITA, ARCTOSTAPHYLOS,  
AZALEA, BARBERRY, BOXWOOD-Common-Japanese, CALISTEMON,  
CAMELLIA, CEANOTHUS, CEDAR, COTONEASTER, CYPRESS,  
DOGWOOD, DOUGLAS FIR, EUCALYPTUS, EUONYMOUS-Evergreen,  
FORSYTHIA, GARDENIA, GINKO, HEATH HEATHER, HEDERA, HOLLY,  
HONEYSUCKLE, JASMINE, JUNIPER-Varieties, JUSTICA, LEUCOTHOE,  
MAGNOLIA, MAHONIA, MYRTLE, OSMANTHUS, PERIWINKLE, PHOT-  
INIA, PINE-Varieties, PITTOSPORUM, PODOCARPUS, PRIVET, PYRA-  
CANTHA, QUERCUS, RAPHIOLEPUS, RHODODENDRON, ROSE, STAR  
JASMINE, SYZGIUM, VIBURNUM, XYLOSMA.

**H. R. MCLANE, INC.**  
7210 RED ROAD - MIAMI, FLORIDA 33143

JUL 13 1988

# TURFIC® CRABOUT WITH RONSTAR®

## PLUS 14-14-14 FERTILIZER

50 lb. Bag Treats up to 10,400 Sq.Ft.

Ask for a Copy of the Supplemental Label Available For The Use Of This Product On Ornamental Shrubs, Vines & Trees

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY

FOR COMMERCIAL USE ON PARKS, GOLF COURSES, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS

A PRE-EMERGENT WEED CONTROL PLUS FERTILIZER FOR PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS ST. AUGUSTINEGRASS, BERMUDAGRASS TALL FESCUE & ZOYSIAGRASS

Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusley, Oxalis, Stinging Nettle, Carpetgrass, Pigweed & Other Weeds Listed

### ACTIVE INGREDIENT:

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl) 1,2,3,4-oxadiazolin-5-ylidene]

### INERT INGREDIENTS:

0.95%  
99.05%  
100.00%

Contains RONSTAR® Herbicide  
a Registered Trade Mark of Rhone Poulenc Inc.

## KEEP OUT OF REACH OF CHILDREN WARNING

### STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water & 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 irritation persists.

**IF ON SKIN:** Wash with plenty of soap & water. Get medical attention if irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
EPA Reg. No. 47056-RA EPA EST. NO. 47056-FL-1  
NET WEIGHT 50 POUNDS

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes eye and skin irritation. Avoid contact with skin, eyes or clothing. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt & gloves when handling. Launder exposed clothing before reuse. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters. Apply only as specified on this label.

### 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 its original bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

**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.

### GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N) ..... 14%

Ammoniacal Nitrogen ..... 5.6%

Urea Nitrogen ..... 8.4%

Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) .... 14%

Soluble Potash (K<sub>2</sub>O) ..... 14%

Derived from Ammonium Sulfate, Urea, Muriate of Potash.

Manganese as Mn .5% Iron as Fe 1.0% Chlorine <15%

## FOR LAWNS AND ORNAMENTAL TURF

NOT FOR USE ON HOME LAWNS. FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF & LANDSCAPE PERSONNEL ONLY

When applied according to Directions this product can be used safely on the following established turfgrass varieties: BERMUDAGRASS, PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS VARIETIES, ST. AUGUSTINE GRASS VARIETIES, TALL FESCUE, & ZOYSIAGRASS lawns & ornamental turf. It may be used for Apartment and Condominium complexes, Parks, Golf Courses, Athletic Fields, Cemeteries and all other ornamental and recreational turfgrass areas.

### CONTROLS GRASSY WEEDS & BROADLEAF WEEDS

Annual Bluegrass (Poa Annua), Barnyard Grass, Crabgrass, Fall Panicum, Florida Pusley, Goose grass, Green Foxtail, Oxalis, Stinging Nettle, Carpet grass, Pigweed.

### HOW TO APPLY

For best weed control rake the area free of leaves and thatch and mow if necessary so that granules will reach the soil surface. Measure the area to be treated and uniformly apply the required amount using a fertilizer spreader (see Spreader Settings chart). Do not apply to turf when it is wet. Do not overlap applications, on St. Augustinegrass since discoloration "streaking" may temporarily occur from "double rate". After applications if rain is not expected within 24 hours sprinkle the treated turf with 1/4 to 1/2 inch of water to get maximum weed control.

### HOW MUCH TO USE

**CRABGRASS:** Apply 50 lbs./10,400 Sq.Ft. when turf has been in a yearly maintenance program (equal to 2 lbs. A.I. herbicide per acre). Apply 50 lbs. to treat 6,900 Sq.Ft. of lawn if it has been heavily infested with Crabgrass; equal to 3 lb. A.I. herbicide per acre. Apply in early spring 1 to 2 weeks prior to weed seed germination. This product is a pre-emergence herbicide. It will not control emerged and growing weeds; only germinating weed seeds. Late applications will control only those weed seeds that germinate after the application. See "When To Apply" Chart.

**GOOSEGRASS & PROSTRATE SPRUGE:** These weeds do not usually germinate until late spring or early summer. Apply 50 lbs. to treat 5,200 Sq.Ft. (4 lbs. A.I./acre) & apply 1 to 2 weeks prior to seed germination. See Chart for When To Apply. Observe maximum rate for St. Augustine grass.

**FOR ANNUAL BLUEGRASS (POA ANNUA):** Apply 50 lbs. per 5,200 to 6,050 Sq.Ft. of Lawn; equal to 3.5 to 4 lbs. active herbicide per acre. Apply in late summer to fall or in early spring 1 to 2 weeks before expected weed seed germination. Will not control annual bluegrass present at time of application; therefore only germinating seeds. Refer to chart for proper timing in your locale. Annual BARNYARDGRASS and PROSTRATE SPURGE may also be controlled by this same rate. Observe maximum rate for St. Augustine grass. **FOR PIGWEED, FLORIDA PUSLEY, OXALIS, STINGING NETTLE AND CARPETGRASS:** Where these weeds are a problem apply 50 lbs. to treat 5,200 to 6,050 Sq.Ft. of Lawn; (equal to 3.5 to 4 lbs. Active Herbicide per acre) in early spring or 1 to 2 weeks before expected weed seed germination. Will not control of emerged and growing weeds; only effective against germinating weed seeds. Observe maximum rate for St. Augustine grass. (50#/6,900)

### SPREADER SETTINGS FOR SQUARE FOOT COVERAGE

SPREADER	PRODUCT	AMT. OF for		
		10,400 Sq.Ft.	6,900 Sq.Ft.	5,200 Sq.Ft.
		=2#A.I./Acre	=3#A.I./Acre	=4#A.I./Acre
CYCLONE B-1	50 LBS.	4 1/2	5 1/2	6 1/2
SCOTTS #35	50 LBS.	3 1/2	4	4 1/2

NOTE: Spreader rate varies with walking speed  
Check spreader over known area.

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

### WHEN TO APPLY

#### APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE

JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	1	1	2	2	2	2	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4
1. For CRABGRASS & other Grasses & Broadleaf Weeds germinating in the Spring in Northern turf.											
2. For GOOSEGRASS & other Late Germinating Annual Grasses & Broadleaf Weeds such as PROSTRATE SPURGE. 2# GOOSEGRASS in Southern Turf.											
3. For POA ANNUA in Northern Turf. 3# For POA ANNUA in Southern Turf.											
4. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf.											

### PRECAUTIONS IN USING

Do not use on desirable Red Fescue, Bentgrass varieties, Dichondra, or Centipede grass since damage will occur. Do not use on Putting greens or "Tees" due to varying cultural practices used. Use only the rate of 50 lbs. to treat 6,900 Sq.Ft. on St. Augustinegrass since temporary discoloration will occur from heavier rates. Avoid contact with flowers and shrubs except as recommended on the Ornamental Use Supplemental Labeling available for this product. For newly seeded lawns do not apply this product until after the second or third cutting. For best lawn care, place new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

### RESEEDING TREATED AREAS

Delay new seeding until 4 months after treatment.

**H. R. MCLANE, INC.**  
7210 RED ROAD - MIAMI, FLORIDA 33143

JUL 3 1980