

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
52287-3

Date of Issuance:  
MAR 18 1994

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Ronstar 0.70 with Fertilizer

NOTICE OF PESTICIDE:  
 X  Registration  
      Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

H. R. McLane, Inc.  
7210 Red Road  
Suite 206  
Miami, FL 33143

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.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 52287-~~3~~<sup>3</sup>".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

CONCURRENCES

SYMBOL	Signature of Approving Official:	Date:
SURNAME	<i>[Signature]</i>	
DATE	3/18/94	

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division

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# RONSTAR® 0.70 with FERTILIZER

**FOR SALE TO, USE & STORAGE BY  
TURF AND LANDSCAPE PERSONNEL ONLY**  
50 lb. Bag Treats up to 7,700 Sq.Ft.  
**Not for use on turf being grown for sale or  
other commercial use as sod, or for commer-  
cial seed production, or for research purposes.**

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

FOR PARKS, GOLF COURSES, ATHLETIC FIELDS, AND OTHER  
RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS.  
—Not For Use On Home Lawns—

**Controls: Crabgrass, Annual Bluegrass, Goose-  
grass, Florida Pusley, Oxalis, Stinging Nettle,  
Carpentergrass, Pigweed and Other Weeds Listed  
—TIVE INGREDIENT—**

Oxadiazon (2-tet-butyl-4-(2,4-dichloro-5-  
isopropoxyphenyl) 6-1,3,4-oxadiazol-5-one) 07%  
INERT INGREDIENTS: 93%  
Total 100.0%  
Contains RONSTAR® Herbicide & Registered Trade Mark of Chemagro Corp.

**USE PRECAUTIONS**  
Do not use on Red Fescue, Centaurea varieties, Dichondra, or  
Limonium grass because damage will occur. Do not use on Paspalum  
grasses or "tees" due to varying cultural practices used.  
For St. Augustinegrass application rates above the 50 lbs. per 5,200  
sq.ft. will temporarily compact and damage the turf if a higher rate is  
necessary (such as 50 lbs./3,850 sq.ft. or 50 lbs./4,400 sq.ft.) in order  
to control Crabgrass, Spurge, Poa Annua, Florida Pusley or Carpet  
grass, turf damage can be expected to the St. Augustine, therefore apply  
only when that damage can be tolerated and when good cultural  
practices are planned in order to revive the damaged turf.  
Avoid product 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 the 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.

## KEEP OUT OF REACH OF CHILDREN WARNING

**STATEMENTS OF PRACTICAL TREATMENT**  
**IF SWALLOWED:** Call a physician or Poison Control Center immedi-  
ately. 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. **IN  
EYES:** Flush eyes with plenty of water. Get medical attention if irritation  
persists. **ON SKIN:** Wash with plenty of soap and water. Get medical  
attention if irritation persists.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**WARNING:** Causes eye and skin irritation. Avoid contact with skin,  
or clothing. Thoroughly wash face and hands with soap and water  
or exposure and before eating or smoking. Wear protective clothing  
(including long-sleeved shirt and gloves when handling. Launder ex-  
posed 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, 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 areas  
treated. Do not apply where runoff is likely to occur. Do not contaminate  
water when disposing of equipment washwaters. Apply only as speci-  
fied on this label. Do not allow people (other than the applicator) or pets  
on treatment area during application. Do not enter treatment area until  
dust has settled.

**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 insecticide 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 applica-  
tion 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) 15%  
Micro Nitrogen 0%  
Ammoniacal Nitrogen 12%  
Water Soluble Nitrogen  
anhydrous Nitrogen 0%  
Water Insoluble Nitrogen 3%  
Available Phosphorus Acid (P<sub>2</sub>O<sub>5</sub>) 0%  
Soluble Potash (K<sub>2</sub>O) 15%  
Derived from Ammonium sulfate, Ureaform, Muriate  
of Potash Manganese by Mn. 5% Iron as Fe 1.0% Chlorine 0.1

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, and ZOYSIA-  
GRASS lawns and ornamental turf. It may be used for Apartment and  
Condominium complexes, Parks, Golf Courses, Athletic Fields, Cemeteries  
and all other ornamental and recreational turfgrass sites.

## CONTROLS GRASSY WEEDS and BROADLEAF WEEDS

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

**HOW TO APPLY**  
For best weed control take the area free of leaves and thatch and mo  
if necessary so that granules will reach the soil surface. Measure the  
area to be treated and uniformly apply the required amount using  
fertilizer spreader (see Spreader Settings chart). Do not apply to turf  
when it is wet. Do not over-apply spreader applications, on St. Augustine  
grass since discoloration "bleeding" may temporarily occur. Do  
"double rate". After applications if rain is not expected within 24 hour  
sprinkle the treated turf with 1/4 to 1/2 inch of water to get maximum  
weed control.

## HOW MUCH TO USE

**FOR CRABGRASS**  
Apply 50 lbs./7,700 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  
5,200 Sq Ft. of lawn if it has been heavily infested with Crabgrass; equal  
to 3 lbs. 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 germi-  
nate after the application. See "When To Apply Chart".

**GOOSEGRASS and PROSTRATE SPURGE**  
These weeds do not usually germinate until late spring or early summer.  
Apply 50 lbs. to treat 3,850 Sq Ft. (4 lbs. A.I./acre) and apply 1 to 2 weeks  
prior to seed germination. See Chart for When To Apply. See Us  
Precautions for St. Augustine grass.

**FOR ANNUAL BLUEGRASS (POA ANNUA)**  
Apply 50 lbs. per 3,850 to 4,400 Sq Ft. (Lawns: 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 germinat-  
ing seeds. Refer to chart for proper timing in your locale. Annual  
BARNYARDGRASS and PROSTRATE SPURGE may also be con-  
trolled by this same rate. See Use Precautions for St. Augustine grass.

**FOR PIGWEED, FLORIDA PUSLEY, OXALIS,  
STINGING NETTLE AND CARPETGRASS**  
Where these weeds are a problem apply 50 lbs. to treat 3,850 to 4,40  
Sq Ft. of lawn; (equal to 3.5 to 4 lbs. Active Herbicide per acre) in ear-  
ly spring or 1 to 2 weeks before expected weed seed germination. Will not  
control of emerged and growing weeds; only effective against germinat-  
ing weed seeds. See Use Precautions for St. Augustine grass.

**SPREADER SETTINGS**

Spreader	Am't. of Product	7,700 Sq Ft	5,200 Sq Ft	3,850 Sq Ft
Cyclone	50 lb.	2 1/2	3 1/2	4 1/2
Scimitar	50 lb.	3 1/2	4	4 1/2

NOTE: Spreader rate varies with walking speed.  
Check manufacturer's manual for more info.

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

MONTH	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
1												
2												
3												
4												

- 1 For CRABGRASS and other Grasses and Broadleaf Weeds germinating in the Spring in Northern turf.
  - 2 For GOOSEGRASS and other Late Germinating Annual Grasses and Broadleaf Weeds such as PROSTRATE SPURGE, 2a. GOOSEGRASS in Southern Turf
  3. For POA ANNUA in Northern Turf. 3a. For POA ANNUA in Southern Turf
  4. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf.
- 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 the label (D 57267-3 and 503-10-94)

EPA Reg No 52267-G EPA EST. NO 52267-FL-1  
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**HARRELL'S, INC.** NET WEIGHT 50 POUNDS  
**HARRELL'S, INC.** NET WEIGHT 50 POUNDS  
P.O. BOX 807 - LAKE LAND FL 33802

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAR 18 1984  
Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
57782-3

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