

5905-555

5-26-2005

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

EPA Reg.
Number:
5905-555

Date of Issuance:

MAY 26 2005

Term of Issuance:

Conditional

Name of Pesticide Product:

Pro-Mate Ronstar
0.67% Plus Fertilizer

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Helena Chemical Company
225 Schilling Boulevard, Suite 300
Collierville, Tennessee 38017

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

1. Add the phrase "EPA Registration No. 5905-555" to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

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 under the enclosed stamped copy of the label constitutes acceptance of these conditions.

Enclosure

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Signature of Approving Official:

Date:

MAY 26 2005

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2. Restate the "Active Ingredient" on the front panel to reflect the Chemical Abstracts Index Name: Oxadiazon: 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one. Note: common name "oxadiazon" is acceptable.
3. On front panel revise the "Net Weight" claim to read "Net Contents 50 lbs.", as this the only package size indicated on the application.
4. Submit the following data required for the registration of this pesticide product within 1 year from the date of this Notice of Registration:

EPA Guideline Data Number

Guideline Descriptor

830.6317
830.6320

Storage Stability Study
Corrosion Characteristics Study

5. Revise the dosages that read "lb" to "lbs.", consistently through out the "Directions of Use" section.
6. Where ranges of doses are given on the label, tell the using public when to use the low and high doses. The claim "depending on previous level of infestation" is unacceptable to address this issue, replace this with directions that addresses the use of low and high doses.
7. Clarify the claim: "Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label".
8. Correct the typographic error in the "For Bentgrass Turf" which reads: "which his". Revise the construction "A.I. herbicide per acre" to be consistent. The meaning is the same as "A.I. per acre" a use in stating dosages.
9. Clarify the chart with directions for "Annual Weed Control during Establishment from Sprigs of Bermudagrass, Zoysiagrass, Seashore Paspalum". The range of dosages claimed must include directions as to when to use the high and low dosage. The claim of other annual weeds must be described.
10. In the graph: "When to Apply", either give a map showing "Northern Turf" and Southern Turf or describe the geographic areas by naming states in each of the areas or some way do determine "When to Apply" this pesticide product.

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11. Submit one (1) copy of the final printed labeling before you release this product for shipment.

12. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4. A stamped copy of the label is enclosed for your records.

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**X-X-X
GUARANTEED FERTILIZER ANALYSIS**

TOTAL NITROGEN (N)*	Variable %
Nitrate Nitrogen	Variable%
Ammoniacal Nitrogen	Variable%
Water Soluble Nitrogen and/or Urea Nitrogen	Variable%
AVAILABLE PHOSPHATE (P ₂ O ₅)	Variable %
SOLUBLE POTASH (K ₂ O)	Variable %
Derived from: Ammonium Sulfate, Ureaform, Muriate of Potash, Manganese as Mn.05%, Iron as Fe 1.0%, and Chlorine<15%	
Slowly Available Nitrogen from polycoated sulfur coated urea.	

PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER

50 lb. Bag Treats Up To 7,260 Sq. Ft.

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

FOR USE ON: PARKS, GOLF COURSES, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS. NOT FOR USE ON HOME LAWNS.

CONTROLS CRABGRASS, ANNUAL BLUEGRASS, GOOSEGRASS, FLORIDA PUSLEY, OXALIS, STINGING NETTLE, CARPETGRASS, PIGWEED & OTHER WEEDS LISTED.

ACTIVE INGREDIENT:

 radiazon: {2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)delta-1,3,4-oxadiazolin-5-one}.....00.67%

INERT INGREDIENTS:.....99.33%

TOTAL:.....100.00%

Contains **RONSTAR®** Herbicide a Registered Product of Bayer Environmental Science

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF SWALLOWED: • Call a poison control center or doctor immediately for treatment advice.

- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 26 2005**

IN EYES:

- Hold eye open and rinse slowly and gently with water or 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

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

IF ON SKIN

- Take off contaminated clothing.

OR CLOTHING: • Rinse skin immediately with plenty of water for 15-20 minutes.

- Call a poison control center or doctor for treatment advice.

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IF INHALED:

- Move person to fresh air. If not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

Have this product container with you when calling a poison control center or doctor or when going for treatment.

HOT LINE NUMBER

In case of emergency call 1-800-424-9300

EPA REG. NO.: 5905-

NET WEIGHT:

EPA EST. NO.: 5905-NC-018

**MANUFACTURED BY
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE TENNESSEE 38017**

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield, or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing dust, contact with skin, eyes, or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of food and feedstuffs.

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 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. **Not for use on Home Lawns**

NON-AGRICULTURAL USES REQUIREMENTS

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170.) The WPS applies when this product is used to produce agricultural plants only on farms, forests, nurseries, sod farms or greenhouses.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on Sod Farms, nurseries, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions and pertaining to the statements on this label about personal protective equipment (PPE) notification to workers and restricted entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is coveralls, chemical resistant gloves and footwear, plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

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.

GENERAL INFORMATION

PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER may be used at full rate or as split application in established Perennial Bluegrass, Bentgrass (see label for details), Bermuda grass, Buffalo grass, Perennial Ryegrass, St Augustine grass, Seashore Paspalum, Tall Fescue, and Carpetgrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries and other ornamental recreations turfgrass areas. **Not for use on home lawns.** The turf should be free of leaves and thatch and in condition to allow granules to reach the soil surface. Know the square footage of the areas to be treated and uniformly apply using a granule spreader. Do not apply to turf when it is wet. When using a full rate do not overlap spreader applications, especially on St. Augustine grass since discoloration "streaking" may temporarily occur from the "doubled" rate. **PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER** is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds. (See **For Spring Application On Golf Courses**) for instructions about applying the 3 lb. or 4 lb. rate as Split Applications.

USE PRECAUTIONS

Do not use on Red Fescue, Dichondra, or Centipede grass because damage will occur. Do not use on Putting Greens or "Tees" due to varying cultural practices used.

For St. Augustinegrass application rates above the 50 lbs. per 7,260 sq. ft. will temporarily discolor and damage the turf. If a higher rate is necessary (such as 50 lbs. /4,840sq. ft. or 3 lb. A.I per acre) in order to control Goosegrass, Spurge, Poa annua, Florida Pursley or Carpetgrass turf damage can be expected to the St. Augustinegrass, therefore, apply only when that damage can be tolerated and when good cultural practices are planned in order to revive the damaged turf. After application, if rain is not expected within 24 hours, sprinkle irrigate the treated turf with up to a 1/4 inch of water to get maximum weed control and quicker response for the fertilizer nutrients. Avoid product contact with flowers and shrubs except as recommended.

For Newly Seeded Lawns - do not apply this product until after the second or third cutting. For best lawn care, plant new grass seed in fall of the year. Spring preemergent weed control can then be applied. Reseeding treated areas: Delay new seeding until 4 months after treatment.

For Bentgrass Turf: DO NOT exceed the rate of 3 lbs. of active ingredient per acre which is equal to 10.25 lbs **PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER** per 1,000 sq. ft. or 50 lbs /4,840 sq ft. DO NOT apply to Bentgrass turf mowed less than 3/8th inch. **PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER** may cause discoloration of Bentgrass, But this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. Do not apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment.

CONTROLS GRASS WEEDS AND BROADLEAF WEEDS

Annual Bluegrass (Poa Annua), Barnyardgrass, Crabgrass, Fall Panicum, Florida Pursley, Goosegrass, Green Foxtail, Oxalis, Stinging Nettle, Carpetgrass, 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 over-lap spreader 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./ 7,260 sq. ft. (equal to 2 lbs. A.I. herbicide per acre.), when turf has been in a yearly maintenance program. Apply 50 lbs. to treat 4,840 sq. ft. of lawn equal to 3 lb. A.I. herbicide per acre, if it has been heavily infested with Crabgrass;. Apply in early spring 1 to 2 weeks prior to weed seed germination. This product is a preemergent herbicide. It

will not control emerged and growing weeds; only germinating weed seeds. Late application will control only those weed seeds that germinate after the application. Apply in late winter or early spring prior to weed seed germination. 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 3,600 sq. ft. (4 lbs. A.I./acre) and apply 1 to 2 weeks prior to seed germination. See chart for when to apply. See Use Precautions for St. Augustinegrass.

ANNUAL BLUEGRASS (POA ANNUA)

Apply 50 lbs. per 4,200 to 3,600 sq. ft. of lawn (equal to 3.5 to 4 lbs. active herbicide per acre), depending on previous level of infestation. 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 controlled by this same rate. See Use Precautions for St. Augustinegrass.

FOR PIGWEED, FLORIDA PUSLEY, OXALIS, STINGING NETTLE AND CARPETGRASS

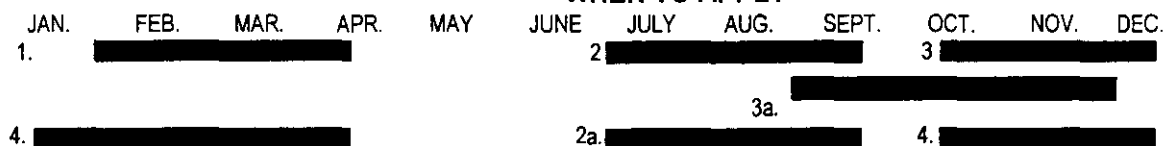
Where these weeds are a problem, apply 50 lbs. to treat 4,200 to 3,600 sq. ft. of lawn (equal to 3.5 to 4 lbs. Active Herbicide per acre) depending on previous level of infestation. Apply in early spring or 1 to 2 weeks before expected weed seed germination. Will not control emerged and growing weeds; only effective against germinating weed seeds. See Use Precautions for St. Augustinegrass.

Annual Weed Control during establishment from Sprigs of Bermudagrass, Zoysiagrass, Seashore Paspalum Crabgrass and Goosegrass, 2 to 3 lbs a.i. /A (300 to 450 lbs per acre) 6.8 to 10.33 lbs per 1,000 sq. ft Annual Sedge and other annual Weeds.

For Bermudagrass make application immediately prior to, or immediately after springing.

For or Seashore Paspalum and Zoysiagrass make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause Seashore Paspalum injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For optimum results, sprinkle irrigate the "sprigged" area with up to ¼ inch water after applications.

WHEN TO APPLY



- For **CRABGRASS** and other Grasses and Broadleaf Weeds germinating in the spring in Northern turf.
- For **GOOSEGRASS** and other Late Germinating Annual Grasses and Broadleaf Weeds, such as **PROSTRATE SPURGE**. 2a. **GOOSEGRASS** in Southern Turf.
- For **POA ANNUA** in Northern Turf. 3a. For **POA ANNUA** in Southern Turf.
- For Fall-Winter-Spring control of **ANNUAL WEEDS** in Southern Turf.

WEEDS CONTROLLED

Annual Bluegrass	**Jungle Ricegrass
Annual Sedge	Lambsquarter
*Barnyardgrass	**Liverwort
Ritterrecess	Oxalis
arpergrass	**Panama Paspalum
Carpetweed	Pennsylvania Smartweed
Common Groundsel	Redroot Pigweed
Common Purslane	Sensitive plant
Crabgrass	Shepardspurse
*Evening Primrose	Sow thistle
Fall Panicum	Speedwell-veronica
Field Sandbur	Spotted Catsear
Fireweed	Spurge; Garden. Petty
Florida Pusley	**Prostrate
Foxtail; Green, Bristly	Stinging Nettle
*Gallinsoga	*Swinecress
Golden Ragwort	Virginia Buttonweed
*Goosegrass	Yellow Woodsorrel

*For the weeds with 1 asterisk above, use 3 to 4 lbs. a.i. per acre (equal to 450 to 600 lbs of this product per acre or 10.33 to 13.77 per 1,000 sq. ft.

For the difficult-to-control weeds with 2 asterisks above, use the 4 lbs. a.i. per acre (equal to 600 lbs of **PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER per acre or 13.77 lbs per 1,000 sq. ft.

Note: For newly seeded lawns do not apply this product until after the second cutting. For best turf management, place new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

SPREADER SETTINGS

Spreader settings are calculated to apply the recommended rates of active ingredient per acre based on **PRO-MATE® RONSTAR® 0.67% PLUS FERTILIZER** bulk density of 50 to 60 lbs per cubic foot. To calibrate settings refer to the spreader manual or manufacture. Test apply enough product to cover 500 sq. ft. based on the amount of product a.i. you wish to apply per acre. Select a suitable rate from the rate instructions contained in this label. Adjust and record the setting * required. Apply as directed on this label:

Spreader Settings	for 2 lbs a.i. /Acre	for 3 lbs. a.i./Acre	for 4 lbs .a.i./Acre
Cyclone B3 -Pro	XX	XX	XX
Scotts Pro R-8A	XX	XX	XX
Plan on applying at approximately 3 mph spreader speed to obtain best coverage. Know the exact square footage before application. Incorrect application will result in poor weed control.			

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on

the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

an exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

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

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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