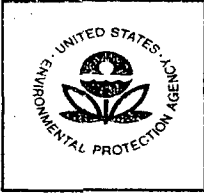


5905-569

08/17/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

5905-569

Date of Issuance:

AUG 17 2007

NOTICE OF PESTICIDE:

- X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Pro-Mate® Oxadiazon 1.5%
Plus Fertilizer

Name and Address of Registrant (include ZIP Code):

Helena Chemical Co.
225 Schilling Blvd., Suite 300
Collierville, TN 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 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. Modify the statement beginning, "FOR SALE TO....," to read as follows: "FOR SALE TO AND USE BY PROFESSIONAL APPLICATORS ONLY. FOR USE ON: PARKS, GOLF COURSES, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS. Also for use around Ornamental Shrubs, Trees, and Ground Covers, as listed on this label. NOT FOR USE ON HOME LAWNS. NOT FOR SALE TO OR USE BY HOMEOWNERS."
2. Under the Personal Protective Equipment (PPE) section: Correct the spelling of "ROTECTIVE" to "PROTECTIVE," and add the word "Loaders" to the beginning of the statement, "Applicators and other handlers...."
3. Under the User Safety Recommendations section, change the word "Applicators" to "Users."

Comments continued on page 2 of this Notice of Registration

Signature of Approving Official:

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

Handwritten signature of Joanne I. Miller

Date:

AUG 17 2007

4. Under "Fall Application For Spring Weed Control..." section, in the Application Instructions column, correct the spelling of "us" to "use."
5. Under "Annual Weed Control During Establishment" table, in the Application Instructions column, correct spelling of U.s. to U.S.
6. Add the statement, "Read the entire label before using," to the beginning of the Conditions of Sale section.
7. 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 Number:

830.6317

830.6320

Study Description:

Storage Stability

Corrosion Characteristics

8. Submit one (1) copy of the final printed labeling before you release this product for shipment.
9. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar product to submit data.
10. Add the statement, "EPA Reg. No. 5905-569."
11. Submit one copy of the final printed label before the product is released for shipment.

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

Enclosure

**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 (P₂O₅).....Variable %
 SOLUBLE POTASH (K₂O).....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.

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ACCEPTED
 with **COMMENTS**
 In EPA Letter Dated:
AUG 17 2007
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

5905-569

PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER

50 lbs. 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. Also for use around Ornamental Shrubs, Trees, and Ground Covers, as
 listed on this lable. NOT FOR USE ON HOME LAWNS.**

A PRE-EMERGENT WEED CONTROL PRODUCT PLUS A QUALITY FERTILIZER FOR USE ON VARIETIES OF PERENNIAL
 BLUEGRASS, BERMUDAGRASS, BUFFALOGRASS, PERENNIAL RYEGRASS, ST. AUGUSTINE GRASS, SEASHORE PASPALUM, TALL
 FESCUE, AND ZOYIAGRASS.

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

ACTIVE INGREDIENT:

Oxadiazon*: 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,2-dimethylethyl)-1,3,4-oxiazol-2(3H)-one.....1.5%

INERT INGREDIENTS:.....98.5%

TOTAL:.....100.00%

*CAS (19666-30-9)

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: | <ul style="list-style-type: none"> • 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. |
| IF IN EYES: | <ul style="list-style-type: none"> • 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. |
| IF ON SKIN
OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF INHALED: | <ul style="list-style-type: none"> • 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. |

HOT LINE NUMBER

Have this product container with you when calling a poison control center or doctor or when going for treatment. In case of emergency call 1-800-424-9300

EPA REG. NO.: 5905-
 NET WEIGHT: 50 LBS

EPA EST. NO.: 5905-NC-018

MANUFACTURED FOR
 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. Maybe 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear coveralls, chemical resistant gloves, chemical resistant footwear plus socks, protective eyewear, headgear for overhead exposure, chemical resistant apron when cleaning equipment. Follow manufacture's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS: Applicators should:

- Wash hands before eating drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 Usage on Turfgrass

PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER may be used at full rate or as split application in established Perennial Bluegrass, Bentgrass (see restrictions), Bermuda grass, Buffalo grass, Perennial Ryegrass, St Augustine grass, Seashore Paspalum, Tall Fescue and Zoysiagrass 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. See section on label entitled **PRECAUTIONS IN USING ON TURFGRASS** for the maximum rate for St. Augustine and Bentgrass of 3 lb a.i. per acre which is equivalent to 4.6 lbs of **PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER** per 1,000 sq. ft. After applications if rain is not expected within 24 hours, sprinkler irrigate the treated turf up to 1/4 of water to release the herbicide for maximum weed control and quicker response from the fertilizer nutrients. **PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER** is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds.

For Spring and Split Application On Golf Courses: The 3 lbs. or 4 lbs. a.i./acre rates may be applied as split applications. Weed control and better turf management can be programmed by splitting the a.i. per acre rate of active ingredient into "two" separate applications. For example to accomplish this in a given region of the country using the 3lbs a.i. rate, first apply 1.5 lbs a.i. for the first application 1 to two weeks prior to weed seed germination or in late December or early January; then follow with the second "1/2" rate in 60 days or in March. Do not split the 2lbs a.i. acre rate on this label. The 3 or 4 lbs a.i. per acre rate should not be split if applied to new turf areas 1st under management where weed pressure is expected to be heavy.

PRECAUTIONS IN USING ON TURFGRASS:

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: Do not exceed the rate of 3 lbs. a.i per acre which is 200 lbs of **PRO-MATE OXADIAZON PLUS FERTILIZER** per acre or 4.6 lbs per 1,000 sq. ft.. (50 lbs o/ 10,869 sq ft). This product may cause discoloration of St. Augustine, 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. Seeding into treated areas should be delayed until 4 months after treatment.

For Bentgrass Turf: DO NOT exceed the rate of 3 lbs. of active ingredient per acre which is 200 lbs **PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER** per acre or 4.6 lbs per 1,000 sq. ft. (50 lbs / 10,869 sq ft). DO NOT apply to Bentgrass turf mowed less than 3/8th inch. **PRO-MATE® OXADIAZON 1.5% 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.

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.

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, as 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.

PRE-EMERGENCE WEED CONTROL

Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass (<i>Digitaria</i> spp) Goosegrass (<i>Eleusine indica</i>) Field Sandbur (<i>Cynchus insertus</i>) Annual Sedge (<i>Cyperus compressus</i>)	133 to 266 lbs per acre (2 to 4 lbs a.i. per acre)	3.1 to 6.1 lbs per 1,000 sq. ft	Apply in late winter or early spring prior to weed germination. See Map. In areas 4 & 5 application made after April or May may not be fully effective
Annual Bluegrass(<i>Poa annua</i>)	133 to 266 lbs per acre (2 to 4 lbs a.i. per acre)	3.1 to 6.1 lbs per 1,000 sq. ft.	Apply in late summer to early fall prior to germination.
Virginia Buttonweed (<i>Diodia</i>) Pigweed (<i>Amaranthus</i> spp) Florida Pusley (<i>Richardia scabra</i>) Oxalis (<i>Oxalis</i> spp) Stinging Nettle (<i>Urtica dioica</i>) Carpetgrass (<i>Axonopus officinis</i>)	266 per acre (4 lbs a.i. per acre)	6.1 lbs per 1,000 sq. ft	Apply in early spring prior to weed seed germination

FALL APPLICATION FOR SPRING WEED CONTROL IN COOL SEASON TURF

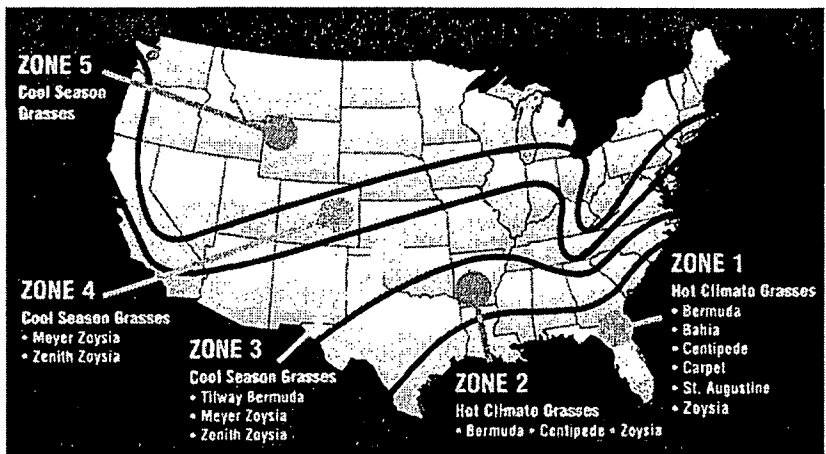
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass and Other annual weeds as listed	200 to 266 lbs per acre (3 to 4 lbs a.i. per acre)	4.6 to 6.1 lbs per 1,000 sq. ft	For use in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.

ANNUAL BLUEGRASS CONTROL IN BERMUDAGRASS FAIRWAYS OVERSEEDED WITH PERENNIAL RYEGRASS ONLY

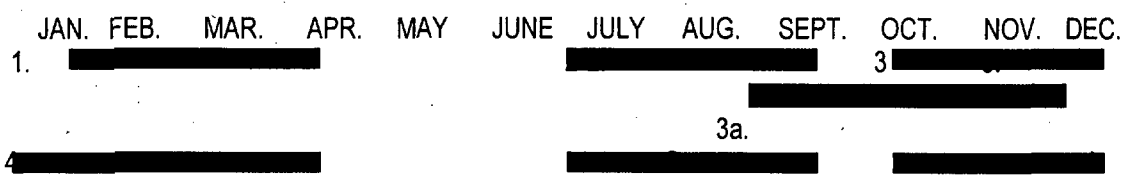
Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Annual Bluegrass (<i>Poa annua</i> spp.)	133 lbs per acre (2 lbs a.i. per acre)	3.1 lbs per 1,000 sq. ft	Apply in late summer to early fall prior to <i>Poa annua</i> spp. seed germination. Any <i>Poa annua</i> spp. established when this product is applied will not be controlled. Product should not be applied less than 60 days to over seeding. Do not use where <i>Poa trivialis</i> is present in the overseed mixture. Apply the full 2 lb a. i. rate in one application. NOTE: In many areas annual bluegrass exists as at least two (2) biotypes or subspecies of <i>Poa annua</i> . The true annual biotype, " <i>Poa annua</i> spp <i>annua</i> :" which germinates from seed every year is controlled while the biotype " <i>Poa annua</i> spp <i>raptans</i> " which behaves like a perennial and survives though summer, as an established plant, cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.

**ANNUAL WEED CONTROL DURING ESTABLISHMENT FROM "SPRIGS"
OF BERMUDAGRASS, ZOYIAGRASS, AND SEASHORE PASPALUM**

Weed Controlled	Pounds of product per acre	Pounds of product per 1,000 sq. ft.	Application Instructions
Crabgrass, Goosegrass, Annual Sedge and other Annual weeds	133 lbs to 200 per acre (2 to 3 lbs a.i. per acre)	3.1 lbs to 4.6 lbs per 1,000 sq. ft.	Refer to Map of U.s. on this label. For Bermudagrass make application immediately prior to, or, immediately after sprigging. For Seashore Paspalum and Zoysia make application 10 to 14 days after sprigging. Application made close to time of sprigging may cause unacceptable injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results, irrigate the sprigged areas by sprinkler irrigation with up to ¼ inch of water after the application.



WHEN TO APPLY
Appropriate Time To Apply For Pre-Emergent Herbicide



1. For CRABGRASS and other Grasses and Broadleaf Weeds germinating in the spring in Northern Cool Season turf. (Zones: 3,4 and 5)
2. For GOOSEGRASS and other Late Germinating Annual Grasses and Broadleaf Weeds, such as PROSTRATE SPURGE. 2a. GOOSEGRASS in Southern Turf. (Zones: 1 and 2)
3. For POA ANNUA in Northern Turf. 3a. For POA ANNUA in Southern Turf. (Zones 1 and 2)
4. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf. (Zones 1 and 2)

WEEDS CONTROLLED:

- Annual Bluegrass
- Annual Sedge
- *Barnyardgrass
- Bitterecress
- Carpergrass
- Carpetweed
- Common Groundsel
- Common Purslane
- Crabgrass
- *Evening Primrose
- Fall Panicum
- Field Sandbur
- Fireweed
- Florida Pusley
- Foxtail; Green, Bristly
- *Gallinsoga
- Golden Ragwort
- *Goosegrass

- **Jungle Ricegrass
- Lambsquarter
- **Liverwort
- Oxalis
- **Panama Paspalum
- Pennsylvania Smartweed
- Redroot Pigweed
- Sensitive plant
- Shepardspurse
- Sow thistle
- Speedwell-veronica
- Spotted Catsear
- Spurge; Garden. Petty
- **Prostrate
- Stinging Nettle
- *Swinecress
- Virginia Buttonweed
- Yellow Woodsorrel

*For the weeds with 1 asterisk above, use 3 to 4 lbs. a.i. per acre (equal to 200 to 266 lbs of this product per acre or 4.6 to 6.1 lbs per of this product 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 266 lbs of **PRO-MATE® OXADIAZON 1.5% PLUS FERTILIZER per acre or 6.1 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, plant 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® OXADIAZON 1.5% 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 if required. Apply as directed on this label:

SPREADER SETTINGS	for 1.5 lb a.i./acre	for 2 lb a.i./acre	for 3 lb a.i./acre	for 4 lb a.i./acre
Lesco Rotary Earthway 2400 Rotary Cyclone Pro Scotts R8A Bigfoot	Spreader Setting Available at Final Printing			

**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.

The 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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