



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 26, 2024

Bill Washburn
Registration Manager
Helena Agri-Enterprises, LLC
225 Schilling Boulevard, Suite 300
Collierville, TN 38017

Subject: Label Amendment - Registration Review Mitigation for Oxadiazon
Product Name: Pro-Mate Ronstar 1% Plus Fertilizer
EPA Registration Number: 5905-551
Application Date: June 2, 2022
Decision Number: 585192

Dear Bill Washburn:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Oxadiazon Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable. As part of the registration review, EPA identified the need for this product to be classified as Restricted Use. The labeling approved today incorporates the necessary changes for classification as Restricted Use, therefore the classification is effective on the date of this letter.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. Due to the classification of this product as Restricted Use, in accordance with 40 CFR 152.167, after 120 days, any of this product you sell or distribute must:

- 1) Bear an approved amended label containing the terms of the Restricted Use classification;
- 2) Bear a sticker containing the product name, EPA registration number, and any terms of restricted use; **or**
- 3) Be accompanied by supplemental labeling bearing the product name, EPA registration numbers, and any terms of restricted use.

After 270 days, any of this product you sell or distribute must bear the approved amended labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Theodore Varns by phone at 202-566-2241, or via email at varns.theodore@epa.gov.

Sincerely,



Kevin Costello, Branch Chief
Risk Management and Implementation Branch 2
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

Restricted Use Pesticide

Due To Potential Human Health Risks of Concern (Cancer) From Chronic Dietary or Dermal Exposure When Used in Accordance with Label Directions.

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

OXADIAZON GROUP 14 HERBICIDE

PRO-MATE® RONSTAR® 1% PLUS FERTILIZER

50 lb. Bag Treats up to 11,000 Sq. Ft.

FOR SALE TO AND USE BY PROFESSIONAL APPLICATORS ONLY. NOT FOR SALE TO OR USE BY HOMEOWNERS/CONSUMERS. FOR SALE TO, USE AND STORAGE BY: NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY.

FOR USE ON: PARKS, GOLF COURSES, 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:

Oxadiazon: {2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazolin-5-one}..... 1.0%

INERT INGREDIENTS:..... 99.0%

TOTAL:..... 100.0%

Contains **RONSTAR®** Herbicide, a Registered Product of Bayer CropScience.

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.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 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:

- 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:

- 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.: 5905-551

EPA EST. NO.: 5905-NC-018; 5905-FL-003

AD 090310

NET CONTENTS (NET WEIGHT): 50 LBS.

MANUFACTURED FOR:

HELENA AGRI-ENTERPRISES, LLC

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TENNESSEE 38017

ACCEPTED

Apr 26, 2024

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 5905-551

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

WARNING

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, Applicators and other handlers must wear:

- Long sleeved shirts and long pants,
- Shoes plus socks,
- Goggles, face shield or safety glasses, and
- Waterproof gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

User Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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

For terrestrial uses: 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 contaminate water when disposing of equipment washwater or rinsate. Apply only as specified on this label.

Runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This pesticide is toxic to oysters and shrimp.

This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of oxadiazon from runoff water and sediment.

NON-TARGET ORGANISM ADVISORY: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

**DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE**

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 plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

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.

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 farms, forest, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions 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, Shoes plus socks, and waterproof gloves.

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. Do not enter or allow others to enter the treated area until dusts have settled.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE 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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

WEED RESISTANCE MANAGEMENT

For resistance management, **PRO-MATE® RONSTAR® 1% PLUS FERTILIZER** is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to oxadiazon and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of **PRO-MATE® RONSTAR® 1% PLUS FERTILIZER** or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose Page 8 of 18 applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as

hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.

- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Helena Agri-Enterprises, LLC at 901-761-0050 or at www.helenaagri.com

USE PRECAUTIONS AND RESTRICTIONS

Do not use on Red Fescue, Bentgrass varieties, 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 7,350 sq. ft. will temporarily discolor and damage the turf. If a higher rate is necessary (such as 50 lbs./5,550 sq. ft. or 50 lbs./6,450 sq. ft.) in order to control Goosegrass, Spurge, Poa Annua, Florida Pusley 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. 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, place 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.

Maximum application rate of 600 pounds of finished product per acre per year (equivalent to 6 pounds ai A/year), except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 800 pounds of finished product per acre per year (equivalent to 8 pounds ai A/year).

Not for use on home lawns.

After application, user must thoroughly irrigate the site as soon as possible on the same day of application.

The minimum retreatment interval (RTI) between applications is 60 days.

Total applications of oxadiazon of all physical forms must not exceed 6.0 lbs a.i./A/year if this product is used on the same site with liquid formulations.

A maximum single application rate of 3.0 lbs. a.i./A, and a maximum annual application rate of 6.0 lbs. a.i./A.

For applications on non-agricultural turf (e.g., golf courses, parks, athletic fields) that follow a liquid application, **PRO-MATE® RONSTAR® 1% PLUS FERTILIZER** must be applied 60 days or later after the liquid application. After applying this product, no liquid applications of oxadiazon are allowed within the same calendar year on the same area of turf.

For applications to non-agricultural turf (e.g., golf courses, parks, athletic fields), this product may not be applied prior to any liquid applications of oxadiazon within the same calendar year on the same area of turf.

On golf course turf only: In areas of heavy weed infestation only, the maximum single application rate is 4.0 pounds of active ingredient per acre, and the maximum annual application rate is 8.0 pounds of active ingredient per acre. No liquid applications may be applied on areas of turf treated at this maximum application rate in the same year.

On golf course turf only: total applications of oxadiazon of all physical forms are limited to 30% of the total managed turf area of a golf course per year. Applications may be made to any turf surface type, including fairways, tees, greens, roughs, non-playable turf surfaces, or other managed turf areas. This 30% limit may be applied to the same or different turf areas from year to year.

On golf course turf and sod farms: a minimum 10-foot-wide untreated vegetative buffer must be maintained between the treated area and any surface water features.

CONTROLS GRASSY WEEDS AND BROADLEAF WEEDS

Annual Bluegrass (Poa Annua), Barnyardgrass, Crabgrass, Fall Panicum, Florida Pusley, 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 application, user must thoroughly irrigate the site as soon as possible on the same day of application.

HOW MUCH TO USE FOR CRABGRASS

Apply 50 lbs./11,000 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 7,350 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 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. 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 7,350 sq. ft. (3 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.

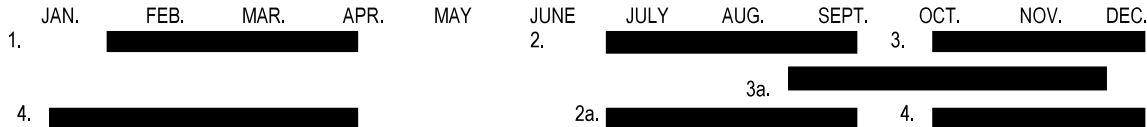
ANNUAL BLUEGRASS (POA ANNUA)

Apply 50 lbs. per 7,350 sq. ft. of lawn; equal to 3 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. 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 7,350 sq. ft. of lawn (equal to 3 lbs. Active Herbicide per acre) 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.

WHEN TO APPLY



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 SouthernTurf.
4. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf.

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 Agri-Enterprises, LLC (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. To the extent consistent with applicable law, 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.

To the extent consistent with applicable 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 Agri-Enterprises, LLC'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 consistent with applicable 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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PRO-MATE® is a registered trademark of Helena Holding Company.

RONSTAR® is a registered trademark of Bayer CropScience.

X-X-X

GUARANTEED FERTILIZER ANALYSIS

TOTAL NITROGEN (N)*	X.XX%
X.XX % Ammoniacal Nitrogen	
AVAILABLE PHOSPHATE (P ₂ O ₅)	X.XX%
SOLUBLE POTASH (K ₂ O)	X.XX%
Derived from: xxxxxxx, xxxxx, xxx.	
Chlorine (Cl) Max.	X.XX%
*x.xx% Slowly Available Nitrogen from polycoated sulfur coated urea.	
F224	