



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 26, 2024

John Wright
Authorized Representative of Lebanon Seaboard Corporation
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

Subject: Label Amendment - Registration Review Mitigation for Oxadiazon
Product Name: Par Ex Fertilizer Plus 1.5% Ronstar
EPA Registration Number: 961-380
Application Date: June 27, 2022
Decision Number: 585508

Dear John Wright:

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,

A handwritten signature in black ink, appearing to read "Kevin Costello".

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

FERTILIZER PLUS 1.5% RONSTAR® PAR EX® PROFESSIONAL PRODUCTS

NOT FOR USE ON HOME LAWNS

ACTIVE INGREDIENT:

Oxadiazon 1.50%

OTHER INGREDIENTS: 98.50%

TOTAL 100.00%

CAS No. 19666-30-9

EPA Reg. No. 961-380

[Ronstar® is a registered trademark of Bayer AG.]

(L) (D)

EPA Est. No. 961-PA-01:961-IL-01

Superscript used is first letter of lot number.

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.)

See back panel for additional Precautionary Statements.

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

USE ONLY ACCORDING TO LABEL INSTRUCTIONS.

Before buying this product, read the Warranty Section elsewhere on this label.

If terms are not acceptable, return the unopened container to the place of purchase at once.

GUARANTEED ANALYSIS

Total Nitrogen (N)X.X%

X.X% Ammoniacal Nitrogen

X.X% Water Insoluble Nitrogen

X.X% Urea Nitrogen

X.X% Other Water Soluble Nitrogen

Available Phosphate (P₂O₅)X.X%

Soluble Potash (K₂O)X.X%

Nutrient Sources: (Guaranteed Analysis and Nutrient Sources to be supplied based on fertilizer analysis used by manufacturer.)

ACCEPTED

Apr 26, 2024

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

EPA Reg. No. 961-380

MANUFACTURED BY:
LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
www.lebsea.com or www.LebanonTurf.com

NET WEIGHT: 50 LBS. (XX.XX kg)
TREATS UP TO 16,600 SQ. FT.

**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 shirt and long pants,
Shoes plus socks,
Goggles or face shield, 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

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

FIRST AID

- 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 eye.
 - 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 person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
 - Call a poison control center or doctor for further treatment advice.
- 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 person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergency Medical Information call (888) 208-1368.

Note to Physician: If eye irritation is present after decontamination, ophthalmological consultation is appropriate.

ENVIRONMENTAL HAZARDS

RONSTAR® should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface waters through dissolved runoff or erosion of soil particles to which oxadiazon is absorbed.

This pesticide is toxic to oysters and shrimp. 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 washwaters or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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, forests, 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) 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 to 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 USE REQUIREMENTS

The requirements in 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 WSP applies when this product is used to produce agricultural plants in farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter the treated area until dust has settled.

GENERAL INFORMATION

This product is a combination product consisting of a fine quality fertilizer and a selective preemergence herbicide. It can be used for the control of the broadleaf weeds and annual grasses listed below, without harm to the ornamental turfgrasses sited on this label when applied according to directions. Weeds are controlled by killing the young weed seedlings as they come in contact with the herbicide during germination.

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

PRECAUTIONS AND RESTRICTIONS

DO NOT apply through any type of irrigation system. Avoid contamination of water intended for irrigation and domestic use. DO NOT cut treated vegetation for forage or hay nor graze domestic animals on treated areas for one year following application.

DO NOT apply to turf with heavy thatch accumulation or to turf which has been affected by disease or nematode activity.

DO NOT use on putting greens or tees because of the varying cultural practices used.

DO NOT apply to Dichondra or Centipedegrass.

DO NOT apply to Bentgrass turfs mowed at less than 3/8 inch.

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

Total applications of oxadiazon of all physical forms must not exceed 400 lbs. this product/A/year (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 200 lbs. this product/A (3.0 lbs. a.i./A), and a maximum annual application rate of 400 lbs. this product/A (6.0 lbs. a.i./A)

For applications on non-agricultural turf (e.g., golf courses, parks, athletic fields) that follow a liquid application, this product 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 267 lbs.

this product/A (4.0 lbs. a.i./A), and the maximum annual application rate is 533 lbs. this product/A (8.0 bs a.i./A).

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.

For St. Augustine and Bentgrass turf, do not exceed the rate of [200 lbs. per acre (3 lbs. active ingredient) or 4.6 lbs. per 1,000 sq. ft.].

May cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass. This discoloration is temporary and normally out-grown within 2 to 3 weeks.

DO NOT apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. Avoid contact with flowers and shrubs.

WEED RESISTANCE MANAGEMENT

For resistance management, Fertilizer Plus 1.5% Ronstar ParEx Professional Products is a Group 14 herbicide. Any weed population may contain certain or develop plants naturally resistant to Fertilizer Plus 1.5% Ronstar ParEx Professional Products and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

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

- Rotate the use Fertilizer Plus 1.5% Ronstar ParEx Professional Products or other Group 14 herbicides within a growing season with different herbicide groups that control the same weeds.

- 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 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. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and that considers mechanical control methods, cultural (e.g., timing to favor the desirable plants and not the weeds), biological (weed-competitive varieties) and other management practices.
- If a weed 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 sales representative, pest control advisors, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for specific types of plants and weed biotypes.
- For further information or to report suspected resistance, contact Lebanon Seaboard Corporation at 800-233-0628 M - F 8:00 AM – 5 PM EST.

TURF

When applied according to directions, this product can be used safely on the following established turfgrass varieties: Bentgrass, Bermudagrass, Bluegrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue, and Zoysia turf. It may be used in the control of weeds in turfgrass areas associated with parks, golf courses, athletic fields, and cemeteries.

CONTROLS WEED GRASSES & BROADLEAF WEEDS

Weed Grasses

Annual Bluegrass**
 Barnyardgrass*
 Bristly Foxtail
 Carpetgrass
 Crabgrass
 Fall Panicum

Field Sandbur
 Goosegrass**
 Green Foxtail
 Junglerice grass**
 Panama Paspalum**
 Bittercress
 Carpetweed
 Groundsel, common*
 Common Purslane
 Evening Primrose*

Broadleaf Weeds

Florida Pusley
 Galinsoga*
 Golden Ragwort
 Lambsquarter
 Liverwort**
 Oxalis
 Pennsylvania
 Smartweed
 Petty Spurge
 Prostrate Spurge**
 Redroot Pigweed
 Speedwell
 Spotted Catsear
 Stinging Nettle
 Swinecress*
 Yellow Woodsorrel

For weeds with asterisks see paragraphs below.

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 wet turf. Do not overlap 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 AND OTHER WEEDS LISTED ABOVE

For susceptible weeds listed above (without “asterisk”) apply 3 lbs. per 1,000 sq. ft. (2 lbs. A.I./acre.) when turf has been in a yearly maintenance program. Apply 4.6 lbs. per 1,000 sq. ft. (3 lbs. A.I./acre) if turf has been heavily infested with crabgrass and other susceptible weeds. Apply in early spring 1 to 2 weeks prior to weed seed germination. This product is a preemergence herbicide and will only control germinating weed seeds. It will not control emerged and growing weeds. Late applications will control only those weed seeds that germinate after the application. See **When To Apply** Chart for proper timing.

*MORE TOLERANT WEEDS

BARNYARDGRASS, EVENING PRIMROSE, GALINSOGA, GROUNDSEL, SWINECRESS.

Where these weeds are a problem, apply 4.6 lbs. per 1,000 sq. ft. (3 lbs. A.I./acre) in early spring or 1 to 2 weeks before expected weed seed germination. This product will not control emerged and growing weeds. It is only effective against germinating weed seeds. Observe 4.6 lbs. per 1,000 sq. ft. maximum rate for St. Augustinegrass.

****MOST TOLERANT WEEDS**

GOOSEGRASS, JUNGLERICE, LIVERWORT, PANAMA PASPALUM, PROSTRATE SPURGE.

For "most tolerant" weeds in areas of heavy weed infestation in golf courses only, apply 6.1 lbs. per 1,000 sq. ft. (4 lbs. A.I./acre) and apply 1 to 2 weeks prior to weed seed germination. See **When To Apply** Chart for proper timing. Observe 4.6 lbs. per 1,000 sq. ft. maximum rate for St. Augustinegrass.

FOR ANNUAL BLUEGRASS (*Poa Annua*)

Apply 6.1 lbs. per 1,000 sq. ft. (4 lbs. A.I./acre) in golf courses only when heavy seed germination is expected and 4.6 lbs. per 1,000 sq. ft. (3 lbs. A.I./acre) when light seed germination is expected. Apply in late summer to fall or in early spring 1 to 2 weeks before expected weed seed germination. This product will not control *poa annua* present at time of application — only germinating weed seeds. Refer to **When To Apply** Chart for proper timing. Observe 4.6 lbs. per 1,000 sq. ft. maximum rate for St. Augustinegrass.

WHEN TO APPLY											
APPROPRIATE TIMES TO APPLY THIS PREEMERGENT HERBICIDE											
JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
	1. ██████████			2. ██████████				3. ██████████			
							3a. ██████████				
	4.> ██████████			2a. ██████████			4. ██████████				
<p>1. For CRABGRASS and other weeds germinating in the Spring in Northern Turf. 2. For GOOSEGRASS and other late germinating weeds such as PROSTRATE SPURGE. 2a. For 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.</p>											

Apply this product with a properly calibrated granular applicator that will apply the granules uniformly (uniform application is essential for satisfactory weed control). Calibrate the applicator prior to use, according to the manufacturer's directions, and check frequently during the application to be certain that the equipment is working properly.

SUGGESTED SPREADER SETTINGS

SPREADER	3#/1000	4.6#/1000	6.1#/1000
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[Note: Registrant/Subregistrant may insert appropriate spreader setting information based on desired spreaders and recommended use rates.]

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store product in its original container in a cool, dry, locked place out of the reach of children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

WARRANTY
IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Lebanon Seaboard Corporation. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, LEBANON SEABOARD CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Lebanon Seaboard Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Lebanon Seaboard Corporation DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT LEBANON SEABOARD CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

PAR EX® is a registered trademark of Lebanon Seaboard Corporation.

Advertising claims that may be present on the label

- An excellent source of nutrients for established turf plus a selective preemergent herbicide which controls weeds in Bermudagrass, St. Augustinegrass, Tall Fescue, Zoysiagrass, Perennial Bluegrass and Perennial Ryegrass.
- Contains a Quality Fertilizer.
- Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusley, Oxalis, Stinging Nettle, Carpetgrass, Pigweed & Many Other Weeds as Listed.
- For technical assistance or more information about our products visit www.LebanonTurf.com
- LebanonTurf [placeholder for Logo]
- ProScape and Meth-EX are registered trademarks of Lebanon Seaboard Corporation
- Bar Code Placeholder

Additional Labeling Requirements:

If the fertilizer guarantee contains iron, the following statement must appear:

This product contains the secondary nutrient iron. Iron may stain concrete and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.

If the recommended use rate applies less than 1 pound nitrogen per 1,000 sq. ft. per application, the following statement must appear:

Supplemental applications of lawn fertilizer are needed to achieve a minimum 1 pound nitrogen per 1,000 sq. ft.

For products distributed in the State of Washington, the following statement must appear:

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-leb-sea.com>