



FERTILIZER WITH RONSTAR 1.0% PREEMERGENCE WEED CONTROL

22-0-15



GUARANTEED ANALYSIS

Available Nitrogen (N)	22%
3.4% Ammoniacal Nitrogen	
5.9% Water Insoluble Nitrogen*	
2.7% Urea Nitrogen	
10.0% Other Water Soluble Nitrogen*	
Soluble Potash (K ₂ O)	15%
Sulfur (S)	9.0%



22-37242

F699

Derived from: Methylene ureas, Urea, Sulfate of Potash.

*15.9 Slowly available nitrogen from methylene ureas.

SUGGESTED SPREADER SETTINGS

Spreader	4.6#/1,000 sq. ft.	6.9#/1,000 sq. ft.	9.2#/1,000 sq. ft.	Spreader	4.6#/1,000 sq. ft.	6.9#/1,000 sq. ft.	9.2#/1,000 sq. ft.
LebanonTurf	5	5½	7½	Lesco (letter/Numeric)	J/21	L/25	O/29
Andersons AccuPro N	N	Q	T	PennMulch HVO	N	Q	T
Earthway Rotary	17	21	25	ProScape SS	N	Q	T
Gandy	29	33	37	Spyker	5	5½	7½
Lely	6 II	7 II	8 II	Vicon (all models)	26	31	36

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.

**FOR SALE TO AND USE BY PROFESSIONAL APPLICATORS ONLY.
NOT FOR SALE TO OR USE BY HOMEOWNERS/CONSUMERS.
NOT FOR USE ON HOME LAWNS**

ACTIVE INGREDIENT:	
Oxadiazon	1.00%
OTHER INGREDIENTS:	
.....	99.00%
TOTAL	100.00%

CAS No. 19666-30-9
EPA Reg. No. 961-379

(L) (D)
EPA Est. No. 961-PA-01:961-IL-01
Superscript used is first letter of lot number.

Ronstar® is a registered trademark of Bayer AG.

KEEP OUT OF REACH OF CHILDREN WARNING - ADVISO

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.)

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.

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)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Goggles or face shield, and
- Chemical-resistant gloves.

Follow manufacturer's instructions for cleaning/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

- 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 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 thoroughly 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:**
- 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, ophthalmologic consultation is appropriate.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. **DO NOT** contaminate water by cleaning of equipment or disposal of wastes. 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.

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 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
- Chemical-resistant gloves made of any waterproof material.

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 WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. **DO NOT** enter or allow others to enter the treated area until dusts have settled.

PRODUCT 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 listed 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.

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. **DO NOT** apply more than 400 lbs. per acre (4 lbs. active ingredient) or 9.2 lbs. per 1,000 sq. ft. per application, and no more than 600 lbs. per acre (6 lbs. active ingredient) or 13.8 lbs. per 1,000 sq. ft. per year, except in areas where there is heavy weed infestation. In areas of heavy weed infestation, the maximum application rate is 800 lbs. per acre (8 lbs. active ingredient) or 18.4 lbs. per 1,000 sq. ft. per year. For St. Augustine and Bentgrass turf, **DO NOT** exceed the rate of 300 lbs. per acre (3 lbs. active ingredient) or 6.9 lbs. per 1,000 sq. ft. May cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass. This discoloration is temporary and normally outgrown 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.

FOR LAWNS AND ORNAMENTAL 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 lawns and turfgrass areas associated with apartment and condominium complexes, parks, golf courses, athletic fields, and cemeteries.

CONTROLS WEED GRASSES & BROADLEAF WEEDS

Weed Grasses		Broadleaf Weeds			
Annual Bluegrass**	Field Sandbur	Bittercress	Florida Pusley	Oxalis	Redroot Pigweed
Barnyardgrass*	Goosegrass**	Carpetweed	Galinsoga*	Pennsylvania	Speedwell
Bristly Foxtail	Green Foxtail	Groundsel, common*	Golden Ragwort	Smartweed	Spotted Catsear
Carpetgrass	Junglerice grass**	Common Purslane	Lambsquarters	Petty Spurge	Stinging Nettle
Crabgrass	Panama Paspalum**	Evening Primrose*	Liverwort**	Prostrate Spurge**	Swinecress*
Fall Panicum					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". For best results water-in the product as soon as practical after application.

HOW MUCH TO USE

FOR CRABGRASS AND OTHER WEEDS LISTED ABOVE

For susceptible weeds listed above (without "asterisk") apply 4.6 lbs. per 1,000 sq. ft. (2 lbs. A.I./acre) when turf has been in a yearly maintenance program. Apply 6.9 lbs. per 1,000 sq. ft. (3 lbs. A.I./acre) if lawn 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 6.9 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 6.9 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 apply 9.2 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 6.9 lbs. per 1,000 sq. ft. maximum rate for St. Augustinegrass.

**FOR ANNUAL BLUEGRASS (*Poa Annua*)

Apply 9.2 lbs. per 1,000 sq. ft. (4 lbs. A.I./acre) when heavy seed germination is expected and 6.9 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 6.9 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. _____								3. _____			
							3a. _____				
4. _____			2a. _____				4. _____				

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.

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.

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 HANDLING:** 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

NOTE: To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.

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For technical assistance or more information about our products visit: www.LebanonTurf.com

Manufactured by:
Lebanon Seaboard Corporation
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Net Weight: 50 LBS. (22.7 kg)