

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

Andersons Golf Products Turf Fertilizer 21-0-20 with RONSTAR® Herbicide

For Sale to, Use and Storage by Professional Turf Maintenance Personnel only. Not for Sale to or Use by Homeowners/Consumers. Not for Use on Home Lawns

- Contains Ronstar® herbicide, which provides preemergent control or suppression of crabgrass, Poa annua, goosegrass and foxtail during Bermudagrass sprigging.

ACTIVE INGREDIENT:

Oxadiazon[®] 1.38% 98.62% 100.00%

OTHER INGREDIENTS:

Total
+CAS # 19666-30-9
EPA Reg. No. 9198-75
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag.

Guaranteed Analysis	
Total Nitrogen (N) 21.00% Urea Nitrogen*	21.00%
Soluble Potash (K ₂ O).....	20.00%

Derived from urea, potassium chloride and polymer coated sulfur coated urea.

Chlorine (Cl) Max
*10.50% Slowly available urea nitrogen from polymer coated sulfur coated urea

Information regarding the contents and levels of metals in this product is available on the internet at
<http://www.aapfc.org/metals.html/>

Florida Applications:
We recommend that you follow the Florida Green Industries BMP's at:
<http://www.flrules.org/Gateway/reference.asp?No=Ref-04706>

We recommend that you follow the Florida Golf Course BMP's at:
<http://www.flrules.org/Gateway/reference.asp?No=Ref-04702>

Nitrogen Notice: For those states with nitrogen application restrictions, including but not limited to, MD, NH, NJ, PA and VA, do not apply more than 0.9 lbs of nitrogen per 1,000 sq.ft.

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants, and
- Shoes plus socks
- 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 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 contacts, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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 mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.

Environmental Hazards

This pesticide is toxic to oysters and shrimp. Use with care when applying to areas adjacent to any body of water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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. 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 nontarget 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. Do not apply this product through any type of irrigation system. 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 ai/A/year if this product is used on the same site with liquid formulations.

WEED RESISTANCE- MANAGEMENT

For resistance management, this product is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to this product 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 this product 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 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.

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 interval. The requirements in this box apply only 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 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, sod farms or greenhouses.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated areas (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

TURF USES

For use on established or sprigged Bermudagrass, Zoysiagrass, Seashore paspalum* (see precautions), Tropic Lalo (paspalum hieronymii), St. Augustinegrass, perennial Bluegrass, Perennial Ryegrass and Tall Fescue turf; such as fairways, parks, golf courses and sod farms. Use for preemergent control or suppression of sprouting:

Weed Grasses: Crabgrass Goosegrass Annual Sedge*	Yellow foxtail Green foxtail	Barnyardgrass Carpetgrass	Annual Bluegrass (Poa annua)* Field Sandbur*
---	---------------------------------	------------------------------	---

Broadleaf Weeds: Oxalis Florida Pusley Virginia Buttonweed	Petty Spurge Stinging Nettle	Common Purslane Pigweed	Veronica Speedwell Common Groundsel
---	---------------------------------	----------------------------	--

*Not currently registered in California

HOW TO USE

- Apply prior to or after sprigging 109 to 145 lbs. of product per acre (1.5 to 2.0 lbs. Al/acre) for suppression or control of listed annual weeds in bermudagrass, zoysiagrass, and St. Augustinegrass.
- Apply 145 to 218 lbs. of product per acre (2.0 to 3.0 lbs. Al/acre) for control of listed annual weeds during bermudagrass, zoysiagrass, seashore paspalum and tropic lalo (paspalum hieronymii) establishment from sprigs.*
- After application of this product on newly sprigged bermudagrass, zoysiagrass, and St. Augustinegrass, wait until the grass has filled in and the stolons have rooted down before application of other herbicides or growth regulator products.
- On Seashore paspalum make application 10-14 days after sprigging.
- For established turf, apply at 145 to 218 lbs. of product per acre (2.0 to 3.0 lbs. ai/acre).

WHEN TO USE

Use this product to control or suppress the listed annual weeds when establishing new turf areas or when treating established turf that has been thinned from winter injury, insects, diseases or other factors.

- Bermudagrass - make application immediately prior to or immediately after sprigging.
- Zoysiagrass and St. Augustinegrass - make application prior to or after sprigging.
- Seashore Paspalum - make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury.
- Tropic Lalo - application must be made 0-12 days after sprigging. Do not use in areas where endangered Hawaiian Goose or nene (*Branta sandvicensis*), Hawaiian duck (*Anas wyvilliana*), Hawaiian Stilt (*Himantopus mexicanus knudseni*) and Hawaiian Moorhen (*Gallinula chloropus sandvicensis*) may feed.

*Not currently registered in California

PRECAUTIONS AND RESTRICTIONS

Do not allow domestic animals to graze treated areas. Avoid contamination of water intended for irrigation and domestic use. Avoid contact with flowers and shrubs. Do not apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. This product should not be used on putting greens or tees because of the varied cultural practices used. Do not apply to Bentgrass turf mowed less than 3/8 inch. Do not apply to wet turf as discoloration may occur. For St. Augustinegrass and Bentgrass turf, do not exceed the rate of 175 lbs. per acre (2.4 pounds ai/acre). This product may cause temporary discoloration of Bentgrass, Bermudagrass and St. Augustinegrass. This is normally outgrown within 2-3 weeks. On Seashore Paspalum wait 10-14 days after sprigging before application. An application made close to the time of sprigging may cause objectionable injury. Do not apply to Dichondra or Centipedegrass. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. The maximum single application rate is 3.0 lbs ai/A (218 lbs of product per acre), and the maximum annual application rate is 6.0 lbs ai/A (435 lbs of product per acre). 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 4.0 pounds of active ingredient per acre (290 lbs of product per acre), and the maximum annual application rate is 8.0 pounds of active ingredient per acre (580 lbs of product 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.

SUGGESTED SPREADER SETTINGS

These suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader before applying product.

50 lbs. treats 16,600 sq. ft. (0.38 acre) at the 131 lbs. product/acre - LOW RATE (3.0 lbs/1,000 sq. ft.)
50 lbs. treats 15,100 sq. ft. (0.35 acre) at the 145 lbs. product/acre - MEDIUM RATE (3.3 lbs/1,000 sq. ft.)
50 lbs. treats 10,000 sq. ft. (0.23 acre) at the 218 lbs. product/acre - HIGH RATE (5.0 lbs/1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE 1.8 lbs. ai/A	MEDIUM RATE 2.0 lbs. ai/A	HIGH RATE 3.0 lbs. ai/A
Andersons Model 2000 / AccuPro 2000 (cone 6); Andersons 2000 SR / SR-2000 (cone 6)	3 mph	10 feet	K 1/2	K 3/4	N
Scotts R-8A (cone 6)	3 mph	10 feet	J 1/2	J 3/4	M
Lesco 020093 (pattern 0.25)	3 mph	8 feet	D 1/2	E	F 1/2
Lesco 705698 (pattern 0.25)	3 mph	8 feet	11	12	15
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-C	4.5 mph	32 feet	5	5 1/4	6 1/4
Vicon 03 Series	4.5 mph	28 feet	21	22	29

IMPORTANT: These settings are only approximate. Age and condition of spreader can cause wide variation. Be sure to calibrate your spreader with each application.

ATTENTION: This product contains a chemical known to the State of California to cause cancer.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in clean, dry place. Reseal opened bag by folding top