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
DITHIOPYR	GROUP	3	HERBICIDE

Andersons Golf Products Turf Fertilizer 22-0-16 with Dimension® Turf Herbicide & RONSTAR®

This product is a selective herbicide that provides control of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs.

For sale to and use by professional applicators only. Not for sale to or use by homeowners/consumers. Not for Use on Home Lawns.

New York Use Restrictions: In New York State this product may only be used by professional applicators and at no more than 400 pounds per acre (equal to 0.5 pound Dimension active ingredient per acre); and is prohibited from use in Nassau and Suffolk Counties.

GUARANTEED ANALYSIS

Total Nitrogen (N)	22.00%
12.65% Urea Nitrogen	
3.85% Water Insoluble Nitrogen	
5.50% Other Water Soluble Nitrogen*	
Soluble Potash (K_2O)	16.00%
Sulfur (S)	5.44%
5.44% Combined Sulfur (S)	

Derived from urea, potassium sulfate and methylene ureas.
*5.50% Slowly available nitrogen from methylene ureas.

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ACTIVE INGREDIENTS:

Oxadiazon	1.000%
Dithiopyr	0.125%
INERT INGREDIENTS:	98.875%
Total	100.000%

EPA Reg. No. 9198-154
EPA Est. No. 9198-OH-1M, 9198-AL-001A
Underlined letter is first letter used in run code on bag.

KEEP OUT OF REACH OF CHILDREN
CAUTION

Some components of this product may cause eye irritation

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
KEEP OUT OF REACH OF CHILDREN

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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 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 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 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 • 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 product is toxic to oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. 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. Read the entire label before using this product. Use only according to label instructions.

WEED RESISTANCE MANAGEMENT
For resistance management, please note that Andersons Golf Products Turf Fertilizer 22-0-16 with Dimension® Turf Herbicide & RONSTAR® contains both a Group 3 herbicide (dithiopyr) and a Group 14 herbicide (oxadiazon). Any weed population may contain or develop plants naturally resistant to Group 3 and/or Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. 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 3 and/or 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.
- For further information or to report suspected resistance, you may contact The Andersons, Inc. at 1-800-757-8951.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. 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 most economical use, rates of this product should be based on anticipated weed population, time of application and length of growing season. A well-maintained turf with low weed infestations will require less herbicide for effective control than will a thin turf with low fertility, minimum maintenance and heavy traffic. Geographic areas with longer growing seasons require higher rates. When cultural practices require application of this product well in advance of weed seed germination, rates should be adjusted upward to compensate for normal breakdown of the active ingredient. 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. For oxadiazon: A maximum single application rate of 3.0 lbs a.i./A, and a maximum annual application rate of 6.0lbs a.i./A. 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. 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. On golf course turf only: In areas of heavy weed infestation only, the maximum single application rate for oxadiazon 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, nonplayable 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: a minimum 10-foot-wide untreated vegetative buffer must be maintained between the treated area and any surface water features. Do not apply more than 1.0 lb ai/A of dithiopyr per year. Maximum single application rate at 0.5 lb a.i./A

GENERAL INFORMATION
This product is a selective, preemergent herbicide for control of many annual grasses and broadleaf weeds in established lawns and ornamental turfs, especially golf course fairways and roughs. This product controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination, by a combination of two different mechanisms. The two herbicides affect different parts of the weeds, which aids in providing excellent weed control while minimizing adverse affects to the turf. This product will not harm nearby established ornamentals when used according to label directions (avoid foliage contact).

USE PRECAUTIONS
Do not apply to wet turf as discoloration may occur. Do not allow domestic animals to graze treated areas. Avoid contamination of water intended for irrigation and domestic use.

TURFGRASS SAFETY: This product may be used on lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical-related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Warm-Season Grasses

Bermudagrass	*(Cynodon dactylon)*
Carpetgrass	*(Axonopus affinis)*
Kikuyugrass	*(Pennisetum clandestinum)*
St. Augustinegrass	*(Stenotaphrum secundatum)*
Zoysiagrass	*(Zoysia japonica)*

Red (Fine) Fescue and Bentgrass are not tolerant of this product. The use of this product on turf containing Red Fescue or Bentgrass should be limited to situations where they are undesirable grasses.

Do not apply to Dichondra, Centipedegrass or newly seeded areas.

RESEEDING, OVERSEEDING, OR SPRIGGING: Reseeding, overseeding, or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

GOLF COURSE PUTTING GREENS AND TEES: DO NOT use this product on golf course putting greens and tees because of the varying cultural practices used.

OTHER USE PRECAUTIONS: The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller.

For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.

Apply this product directly to established lawns or ornamental turfs only. DO NOT allow product or drift to contact foliage of flowers, vegetables, shrubs, or trees.

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees. DO NOT apply this product to pastures. Keep people and pets off treated areas until product has been thoroughly watered in and grass has dried.

APPLICATION DIRECTIONS
PREEMERGENCE CONTROL OF CROWFOOTGRASS (GOOSEGRASS) AND CRABGRASS: This product provides "preemergence" control of crowfootgrass (goosegrass) and crabgrass when applied prior to the emergence of these weeds from the ground in established lawns and ornamental turfs. Crowfootgrass germinates somewhat later than crabgrass.

This product can provide "early postemergence" suppression of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground. However, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Postemergence crabgrass suppression will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crowfootgrass and crabgrass products) it can give the user a 2-4 week longer period of time to make applications and still suppress crabgrass. **This product is not intended to control large areas of established crabgrass,** and must be used prior to crowfootgrass (goosegrass) for its control.

Application Frequency and Timing: For season-long control, this product should be applied as a single application in the spring for crowfootgrass (goosegrass) and crabgrass control.

DO NOT apply more than 300 lbs. per acre (0.375 lbs. Dimension and 3.0 lbs. Ronstar Al/acre) per application, and no more than 600 lbs. per acre (0.75 lbs. Dimension and 6.0 lbs. Ronstar Al/acre) per year.

On golf course turf only: In areas of heavy weed infestation only, do not apply more than 400 lbs of product per acre (0.5 lbs. Dimension and 4.0 lbs. Ronstar Al/acre) per application, and do not apply more than 800 lbs. of product per acre (1.0 lbs. Dimension and 8.0 lbs. Ronstar Al/acre) per year.

Spring Applications: For single applications made in the spring, this product should be applied at the appropriate rate corresponding to one of the two control programs listed in Table 1 below, depending on the user's location, the turfgrass mowing height, and whether the use is considered to be preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

Use the Low Rate Program for preemergence control at sites where the turfgrass is cut high (e.g., roughs). This program provides 3-5 months of preemergence crowfootgrass (goosegrass) and crabgrass control, and so is especially useful in the transition zone. This program may be used in areas of light weed pressure, and is not for early postemergence crabgrass control.

Use the High Rate Program for preemergence control at sites where (a) turfgrass is cut low (e.g., golf fairways) and/or (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crowfootgrass (goosegrass) and crabgrass control, and so is especially useful in the southern and coastal south turf zones. **South of Orlando, or in areas that do not receive at least one frost which naturally controls crowfootgrass (goosegrass) and crabgrass, may require the use of a postemergent control product to eliminate existing weeds.** This program also provides early postemergence crabgrass suppression at sites where turfgrass is cut low (e.g., golf fairways).

TABLE 1: Recommended Single Application Use Rates (lbs/acre)

Low Rate	High Rate
150 lbs. Ronstar: 1.5 lbs. ai per acre Dimension: 0.1875 lbs. ai per acre	200 lbs. Ronstar: 2.0 lbs. ai per acre Dimension: 0.25 lbs. ai per acre

Area Classifications:

Transition:	DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY, & RI.
South:	AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN, & TX.
Coastal South:	HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX.

This product may cause temporary discoloration of Bermudagrass and St. Augustinegrass. This is normally outgrown within 2-3 weeks.

Tips for improved Control: For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.

When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result.

CONTROL OF OTHER GRASS AND BROADLEAF WEEDS
Spring Applications: When used as directed for crowfootgrass (goosegrass) and crabgrass control in the spring, this product will also control/suppress the following weeds when applied prior to their emergence:

annual bluegrass
annual and perennial ryegrass
barnyardgrass
bittercress
Carolina geranium
carpetgrass
chickweed
common groundsel
common lespedeza
common purslane
corn speedwell
foxtail (yellow & green)*
Florida pursley
henbit
oxalis (buttercup, creeping & yellow woodsorrel)
parsley-piert
pigweed
pineappleweed
smutgrass
spurge (prostrate & spotted)
stinging nettle

APPLICATION EQUIPMENT AND INSTRUCTIONS
For best results, water-in the product as soon as practical after application. Thorough watering assures more even distribution of the herbicide and avoids gaps in coverage. Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the lawn or ornamental turf area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

SUGGESTED SPREADER SETTINGS
These suggested spreader settings are not intended to replace calibration.
Please calibrate your spreader before applying product.
50 lbs. covers 14,400 sq. ft. (0.33 acres) at the 150 lbs. product/acre - LOW RATE (3.45 lbs/1,000 sq. ft.)
50 lbs. covers 10,800 sq. ft. (0.25 acres) at the 200 lbs. product/acre - HIGH RATE (4.60 lbs/1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE	HIGH RATE
Lb. active ingredient/acre (Oxadiazon, Dithiopyr)			1.50 , 0.1875	2.00 , 0.25
Andersons Model 2000 (cone 7); Andersons 2000 SR (cone 7)	3 mph	12 feet	J 1/4	K 1/4
Scotts R-8A (cone 7)	3 mph	12 feet	J	J 1/4
Lesco 020093 (pattern 0.0)	3 mph	10 feet	E	E 3/4
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-B	4.5 mph	34 feet	4 1/4	5 1/4
Vicon (03 Series)	4.5 mph	30 feet	27	30

NOTE: These settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs, and domestic water supplies.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. 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 or local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE:
Read the entire Directions for Use and the Warranty Disclaimer and Limitation 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 Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:
Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:
THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Product of USA

The Andersons®

Manufactured by:
The Andersons, Inc.
P.O. Box 119
Maumee, OH 43537
AndersonsPro.com

The Andersons logo is a registered trademark of The Andersons, Inc. Dimension is a registered trademark of Corteva Agriscience. Ronstar is a registered trademark of Bayer.

SGN 125
Net Wt. 50 Lbs. (22.68 kg)
Treats up to 14,700 sq. ft.

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