



THE ANDERSONS TURF PRODUCTS

FERTILIZER WITH 0.125% DIMENSION[®]

TURF HERBICIDE 18-0-4

- **Contains Fortify[®]-N**

For fertilization and season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs and tee boxes.

GUARANTEED ANALYSIS

Total Nitrogen (N) 18.00%
 18.00% Urea Nitrogen*

Soluble Potash (K₂O) 4.00%

Derived from urea and potassium chloride.

Chlorine (Cl) Max 2.40%

*4.50% nitrogen stabilized with N-(n-butyl) thiophosphoric triamide and dicyandiamide.

ACTIVE INGREDIENT:

Dithiopyr (CAS No. 97886-46-8) 0.125%

INERT INGREDIENTS: 99.875%

Total 100.000%

FO02091

EPA Reg. No. 9198-242

EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
 Underlined letter is first letter used in run code on bag.

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 4.6 lbs of this product per 1,000 sq. ft.

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>

KEEP OUT OF REACH OF CHILDREN

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

Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

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. 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 product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read the entire label before using this product. Use only according to label instructions. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

New York Use Restrictions: In New York State this product may only be used by professional applicators and at no more than 9.2 pounds per 1,000 square feet (0.5 pound active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

TURF USE

This fertilizer product contains a herbicide which provides season-long control of crabgrass and control or suppression of other annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs and tee boxes. This product will not harm nearby established ornamentals when used according to label directions.

USE PRECAUTIONS FOR TURF

This product may be used on seeded, sodded, or sprigged 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 turfgrass species listed on this label. The following turfgrass species are tolerant to this product when used as directed.

Cool-Season Grasses

Bentgrass, creeping* (*Agrostis palustris*)
 Bluegrass, Kentucky (*Poa pratensis*)
 Fescue, fine** (*Festuca rubra*)
 Fescue, tall (*Festuca arundinacea*)
 Ryegrass, perennial (*Lolium perenne*)

Warm-Season Grasses

Bahiagrass (*Paspalum notatum*)
 Bermudagrass (*Cynodon dactylon*)
 Buffalograss*** (*Buchloe dactyloides*)
 Carpetgrass (*Axonopus affinis*)
 Centipedegrass (*Eremochloa ophiuroides*)
 Kikuyugrass (*Pennisetum clandestinum*)
 St. Augustinegrass (*Stenotaphrum secundatum*)
 Zoysiagrass (*Zoysia japonica*)

* Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested. **DO NOT** apply this product to Colonial bentgrass (*Agrostis tenuis*) varieties.

**Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf', and 'Waldina'. Not all varieties of fine fescue have been tested.

*****DO NOT** use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

Net Wt. 50 Lbs. (22.68 kg)

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Note: It is not possible to evaluate all the turfgrass varieties for tolerance to this product. It is recommended that use of this product be made on a trial basis initially to determine its safety under local use conditions and turf management practices before making widespread use.

Precautions for Reseeding, Overseeding or Sprigging

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 9.2 lbs./1,000 sq. ft. (0.5 lb. active ingredient per acre) or more 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 overseeding results, use mechanical or power seeding equipment (silt seeders) designed to give good seed to soil contact.

Precautions for Control of Crabgrass

The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied prior to the 3-leaf stage of growth or first tiller. For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aeration, and verticutting, should be done before application of this product. **DO NOT** apply this product until the grass has recovered from these cultural practices.

Other Use Precautions

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees. Keep people and pets off treated areas until dust has settled. Do not graze livestock or feed forage cut from areas treated with this product.

APPLICATION DIRECTIONS FOR TURF

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. Improved performance may be achieved if application is followed by 1/2 inch of rainfall or irrigation. Erratic weed control may result if rainfall or irrigation is not received within 30 days after application. Use of split (half-rate) applications spaced 5-10 weeks apart may provide improved weed control.

Maximum Use Rates for Turfgrass

Do not apply more than 9.2 lbs./1,000 sq. ft. per application and no more than 27.6 lbs./1,000 per year. In New York State this product may only be used by professional applicators and at no more than 9.2 pounds per 1,000 square feet (0.5 pound active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

CONTROL OF CRABGRASS

Preemergence and Early Postemergence Control

This product provides "preemergence" control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.

It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth if applied prior to the 3-leaf stage of growth or first tiller. This stage of growth generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. Thus, the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-4 week longer period of time to make applications and still control crabgrass.

Application Frequency and Timing

This product may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer, or fall, as described below.

Spring Applications

For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the control programs listed in Table 1. The specific rate will be dependent 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 Program 1 for preemergence control at sites where the turfgrass is cut high (e.g., homeowner lawns). This program provides 3-5 months of preemergence crabgrass control. This program should not be used for early postemergence crabgrass control.

Use Program 2 for preemergence control at sites where (a) turfgrass is cut low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence crabgrass control up to the 3-leaf stage or first tiller at sites where turfgrass is cut high (e.g., homeowner lawns).

Use Program 3 for preemergence control at sites where (a) turfgrass is cut low (e.g., golf fairways) and (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence crabgrass control up to the 3-leaf stage or first tiller at sites where turfgrass is cut low (e.g., golf fairways).

Subsequent, sequential pre- and/or postemergence applications should be made where longer periods of control are desired.

Table 1: Recommended Application Use Rates

Region	Application Rates	Program 1	Program 2	Program 3
All states (except NY)	lb./acre lb./1,000 sq. ft. lb. ai/acre	152 3.5 0.19	200 4.6 0.25	304 7.0 0.38
Transition	lb./acre lb./1,000 sq. ft. lb. ai/acre	200 4.6 0.25	304 7.0 0.38	400 9.2 0.5
South	lb./acre lb./1,000 sq. ft. lb. ai/acre	304 7.0 0.38	200 + 200 4.6 + 4.6* 0.25 + 0.25	248 + 248 5.7 + 5.7* 0.31 + 0.31
Coastal South	lb./acre lb./1,000 sq. ft. lb. ai/acre	200 + 200 4.6 + 4.6* 0.25 + 0.25	248 + 248 4.6 + 7.0 0.31 + 0.31	304 + 304 7.0 + 7.0* 0.38 + 0.38
West	lb./acre lb./1,000 sq. ft. lb. ai/acre	152 + 200 3.5 + 4.6 0.19 + 0.25	200 + 304 4.6 + 7.0 0.25 + 0.38	200 + 200 4.6 + 4.6* 0.25 + 0.25

*May require split or sequential applications for full control. Split applications may be made 5-10 weeks apart.

Regions include areas listed below:

All States:	All states, except NY, and parts of states not included in transition, south, coastal south or west.
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, GA, LA, MS, NC, NM, OK, SC, TN, & TX
Coastal South:	HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX
West:	AZ, CA, & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.

Adjust your fertilization program to account for the fertilizer applied as part of this product.

Split or Sequential Applications

Split or sequential applications may improve weed control or provide extended weed control in areas with long growing seasons. Where split fertilizer applications are recommended, the rates in Table 1 may be split across two applications made 5-10 weeks apart and prior to crabgrass emergence. Where longer periods of control are needed, sequential applications may be made in the late summer or fall following a spring application or in the spring following a fall application. Do not exceed the "Maximum Use Rates" section and rate restrictions for the state of New York.

Fall Application: This product can also be applied in the late summer or early fall (late August through November) at the "Program 3" use rates listed in Table 1 to provide control of crabgrass through the early part of the next spring. The fall application should be followed by an appropriate spring application to provide season-long control of crabgrass.

CONTROL OF OTHER GRASS AND BROADLEAF WEEDS

Spring Applications: Spring Applications. Used as directed for crabgrass control in the spring, this product will also control (at the "Program 3" rates) or suppress (at the "Program 2" rates) the following weeds when applied prior to their emergence:

	Grasses	Broadleaf Weeds
Barley	<i>Hordeum</i> spp.	Bitchgrass*
Barnyardgrass	<i>Echinochloa crus-galli</i>	Capeweed
Bromus, annual	<i>Poa annua</i>	Chickweed
Brome	<i>Bromus</i> spp.	Chickweed*
Crabgrass, large	<i>Digitaria sanguinalis</i>	Geranium, Carolina*
Crabgrass, smooth	<i>Digitaria ischaemum</i>	Henbit
Crabgrass, Southern	<i>Digitaria adactylos</i>	Knotweed, prostrate
Crownvetch	<i>Dactyloctenium aegyptium</i>	Ligustrum, common*
Dallisgrass (seedling)	<i>Paspalum dilatum</i>	Marestail
Goosegrass	<i>Elymus indica</i>	Medic, black
Foxtail, green	<i>Setaria vertic</i>	Mustard
Foxtail, yellow	<i>Setaria faberii</i>	Quail, tufttop
Killargrass*	<i>Pennisetum clandestinum</i>	Pineappleweed*
Oats, wild	<i>Avena fatua</i>	Pigweed, redroot
Ryegrass (annual/perennial)	<i>Lolium</i> spp.	Parsley-piert*
Sardoa	<i>Genthis</i> spp.	Paspale, common
Stimulgrass	<i>Sporobolus indicus</i>	Stout, London
		Shepherdspurse
		Speedwell, com*
		Sourc, garden
		Sourc, prostrate
		Sourc, spotted
		Woodcock, creeping
		Woodcock, yellow
		Quail, stricta

*Suppression only

Fall applications. Used as directed for preemergence crabgrass control in late summer or early fall, this product will also control (at the "Program 3" rates) or suppress (at the "Program 2" rates) the following weeds when applied prior to their emergence:

Bluegrass, annual	<i>Poa annua</i>
Bitchgrass	<i>Cardamine</i> spp.
Chickweed	<i>Stellaria</i> spp.
Henbit	<i>Lamium</i> spp.
Geranium, Carolina	<i>Ceranium carolinianum</i>
Parsley-piert	<i>Achillea arvensis</i>
Pineappleweed	<i>Matricaria matricarioides</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>

APPLICATION EQUIPMENT AND INSTRUCTIONS

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. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules. Recent research has shown that well-maintained turf is an effective environmental buffer that prevents pollutants from entering our natural water bodies. To help protect these natural resources, please avoid applying product to sidewalks, driveways, roadways, and other impervious surfaces which are adjacent to storm drains. Sweep any misplaced granules back onto the area you are treating immediately after application, since storm drains often empty directly to nearby waterways.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SUGGESTED SPREADER SETTINGS			
			LIGHT RATE 0.19 lbs. ai/A	LOW RATE 0.25 lbs. ai/A	MEDIUM RATE 0.38 lbs. ai/A	HIGH RATE 0.50 lbs. ai/A
Andersons Model 2000 (cone 4); Andersons 2000 SR (cone 4)	3 mph	10 feet	L 1/4	M 1/4	P 1/4	Q 3/4
Andersons LCO-1000	3 mph	10 feet	L 1/4	M 1/4	P 1/4	Q 3/4
Scotts R-8, R-8A (cone 4)	3 mph	10 feet	K 1/4	L 1/4	O 1/4	Q 1/4
Lesco 020093 (pattern 0.25)	3 mph	7 feet	E	E 1/2	F 1/2	G 1/2
Lesco 705698 (pattern 0.25)	3 mph	7 feet	I2	I5	I5	I7
Lely Models WTR, WTR, HR, 1250 (PTD at 450 rpm) Pattern II-C	4.5 mph	36 feet	5 1/2	6 1/4	7 3/4	8 3/4
Vicon (OS series)	4.5 mph	28 feet	28	34	42	49

These spreader 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.

Essential Plant Nutrient Table				
Application Rate # product/1,000 sq. ft.	# N/1,000 sq. ft.	# P ₂ O ₅ /1,000 sq. ft.	# K ₂ O/1,000 sq. ft.	# [Micronutrient]/ 1,000 sq. ft.
5.5	0.65	0.0	0.14	0.0
4.6	0.52	0.0	0.38	0.0
7.0	1.26	0.0	0.38	0.0
9.2	1.65	0.0	0.37	0.0

The plant nutrients in this product are provided for extra value as guaranteed and described in the fertilizer information section above. Due to the variety of plantings, cultural practices, weather and other factors, the user must determine the suitability of the use of this product at the rate used for each specific situation.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE STORAGE:** Keep container closed and away from food, feedstuff, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide 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:** Completely empty bag into application equipment. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If not available, 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 purpose 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 PARTICULAR PURPOSE. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, Manufacturer DISCLAIMS 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

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

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