The Andersons® HERBICIDE

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21-22-4 Fertilizer with 0.08% MESOTRIONE Herbicide

- **Ideal for use when seeding, sodding, sprigging, plugging, overseeding or reseeding.**
- **Homogenous Fertilizer**
- **Patented, controlled release nitrogen for continuous feeding**

ACTIVE INGREDIENT

Mesotrione* 0.08%

OTHER INGREDIENTS 99.92%

Total 100.00%

*CAS #104206-82-8

EPA Reg. No. 538-317-91936
EPA Est. No. 538-OH-2* 2158-Qtr-I**
Superscript used is first letter of run code on end of container

GUARANTEED ANALYSIS

Total Nitrogen (N) 21.00%
4.50% Ammoniacal Nitrogen
16.50% Urea Nitrogen
0.00% Water Insoluble Nitrogen
6.00% Other Water Soluble Nitrogen*
Available Phosphate (P_2O_5) 22.00%
Soluble Potash (K_2O) 4.00%
Sulfur (S) 1.00%
1.00% Combined Sulfur (S)
Iron (Fe) 0.50%
0.50% Water Soluble Iron (Fe)

Derived from: methyleneureas, urea, potassium sulfate, ammonium phosphate and ferrous sulfate.

*6.00% Slowly available nitrogen from methyleneureas.

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

FI00091

KEEP OUT OF REACH OF CHILDREN
CAUTION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 first 5 minutes then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Call **1-800-757-8901.**

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some of the materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear: Long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

User Safety Requirements:
Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are 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.
- **Remove clothing/PPE** immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
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 wash waters or rinsate.

Surface Water Advisory
Runoff of this product in dissolved granule water through drift of spray in wind. This product has a high potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams and wetlands will minimize the potential for contamination of these areas. The potential for runoff may be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

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 regulations.

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 only apply 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
- Chemical resistant gloves 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 allow people or pets to enter treatment area until the application is complete and the grass is dry.

INFORMATION
For use on newly seeded or over-seeded established plantings of the following grasses: Kentucky bluegrass, centipedegrass, tall fescue, fine fescue (creeping red, chewings, hard), and perennial ryegrass.

Mesotrione may be applied to home lawns, recreational areas, golf courses and sod farms.

This product contains 0.15 pounds of mesotrione per acre per application. The maximum number of broadcast applications per site per year is three. Do not apply more than 0.45 pounds of mesotrione active ingredient per treatment site per year.

Apply on a calm day.

When making applications to newly seeded and over seeded established lawns and turf, apply mesotrione impregnated on fertilizer as the last step in the planting process.

Best results will be obtained if ¼ to ½ inch of water is provided by rainfall or irrigation within three days of treatment. Dry conditions following application may reduce herbicide activity.

Mesotrione may cause temporary whitening of turfgrass foliage. In general, symptoms appear five to seven days after application and may last up to 14 days. Discoloration is most likely to occur on irregularly mowed turf.

RESTRICTIONS
- Do not apply this product on flowers, shrubs, trees, fruit or vegetable plants. Cane, clay lilies and irises are especially susceptible to injury.
- Do not graze or feed livestock forage from areas treated with this product.
- Do not harvest golf course greens with this product.
- Do not apply to Bentgrass, Bermudagrass (common), improved seeded Bermudagrass, Zoysiagrass, Dichondra, Muhlygrass, Bahiagrass or Lippia lawns and turf.
- Do not apply an organophosphate or carbamate insecticide within seven days of an application of this product as turf injury may occur.

APPLICATION INSTRUCTIONS
Newly Seeded or Over Seeded Areas
Mesotrione impregnated on fertilizer will control the emergence of crabgrass seedlings and controls broadleaf weeds without harming desirable turf grasses listed below. Turfgrass and lawns may be seeded and weeds controlled at the same time. Apply mesotrione impregnated on fertilizer as the last step in the planting process.

Spring Seeding For control of crabgrass, common chickweed, mouse ear chickweed, henbit, corn speedwell, hairy bittercress, hoary cress, field pennycress, shepherd's purse, prostrate knotweed, spotted spurge, prostrate spurge, Florida pusley, common purslane, common lambsquarters, pigweed, kochia, wild violets, and other broadleaf weeds. Apply 167 pounds of fertilizer (0.15 pounds active ingredient per acre of mesotrione impregnated on fertilizer) per 1,000 square feet. Apply when soil temperatures are 60°F to 65°F. Apply to newly seeded established plantings of the following grasses: Kentucky bluegrass, centipedegrass, tall fescue, fine fescue (creeping red, chewings, hard), and perennial ryegrass. Mesotrione may reduce density of fine fescue seedlings. Mesotrione can be used on grass seed blends that contain less than 20% by weight of fine fescue (creeping red, chewings, hard).

For extended control of weeds listed above, a second application of 0.08% mesotrione on fertilizer can be applied six weeks after the first application. Apply when soil temperatures are 60°F to 65°F. Apply to crabgrass before it exceeds the 3 leaf stage. For extended season long control of crabgrass and hoary cress, apply mesotrione in combination with a preemergence herbicide.

Fall Seeding For control of crabgrass, common chickweed, mouse ear chickweed, henbit, corn speedwell, hairy bittercress, hoary cress, field pennycress, shepherd's purse, prostrate knotweed, spotted spurge, prostrate spurge, Florida pusley, common purslane, common lambsquarters, pigweed, kochia, wild violets, and other broadleaf weeds. Apply 167 pounds of fertilizer (0.15 pounds active ingredient per acre of mesotrione impregnated on fertilizer) per 1,000 square feet. Apply when soil temperatures are 60°F to 65°F. Apply to newly seeded established plantings of the following grasses: Kentucky bluegrass, centipedegrass, tall fescue, fine fescue (creeping red, chewings, hard), and perennial ryegrass. Mesotrione may reduce density of fine fescue seedlings. Mesotrione can be used on grass seed blends that contain less than 20% by weight of the fescue (creeping red, chewings, hard).

WHAT TO EXPECT: Weed stems and leaves will begin to turn white within a few days of treatment. Weeds will turn brown and die. Two to three weeks may be required for complete control. Weeds not killed are often stunted and non-competitive in turf with flowering disrupted.

Spreader Settings

Spreader Settings
Please confirm spreader settings by calibrating product.
At 3lbs. treats 9,300 sq. ft. (0.21 acre) at 167 lbs. product/acre (~0.2 lbs/1,000 sq. ft. rate)

SPREADER	ONFGRO SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS
			E-TO fine adj/k
Andersons Model 2000 (crank-it)	3 mph	8 feet	L 1/2
Andersons 2000 DR (crank-it)			
Andersons LCO-1000	3 mph	8 feet	L 1/2
Scotts R-54 (crank-it)	3 mph	8 feet	K 1/2
Lesco 050400 (pellet-0.225)	3 mph	5 feet	E
Lesco 750998 (pellet-0.225)	3 mph	5 feet	12
Lely Models MTR, MTR, HR, 1200 (Pellet-0.225) Pellets Only	4.5 mph	3m feet	5 3/4
Vicon (All Series)	4.5 mph	20 feet	26

For best results the product should be applied without skips or misses. Determine the correct amount of product for the turf area to be treated. For best results apply half the rate in one direction and the remaining half rate at right angles to the first application. This procedure will minimize the chance for skips streaking and erratic weed control.

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

PESTICIDE STORAGE: Store in dry place.

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. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, by burning. Do not burn unless allowed by state or local authorities. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIABILITY:
NOTICE: Read This Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product At Once, Unopened, and the Purchase Price Will Be Refunded.

It is impossible to eliminate all risks associated with the use of this product. Such risks may arise from factors such as weather conditions, soil types, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of the company or Seller. These risks can cause ineffectiveness of the product or other unintended consequences. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

This company warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on the label when used in accordance with the directions for Use, subject to inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL THIS COMPANY OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THIS COMPANY OR SELLER, DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHER LEGAL THEORY) RESULTING FROM THE STORAGE, USE OR HANDLING OF THIS PRODUCT. SHALL BE LIMITED TO THE REPLACEMENT OF THE QUANTITY OF THE PRODUCT OR AT THE ELECTION OF THIS COMPANY OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, the company or its distributor must have prompt notice of any claim so that an immediate investigation of buyer's or user's claim can be made. Buyer and all users shall promptly notify the company or the company's distributor of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

The Limitation of Warranty and Liability may not be amended by any oral or written agreement.

The lawn fertilizer, which contains phosphorous, is intended only for reseeding/sodded use (in 2 turf during its first growing season. (ii) turf areas being repaired or renovated, and (iii) turf where a soil test performed within the last 5 years indicates a phosphorous deficiency. This fertilizer is not intended for the routine maintenance of turf.

In the state of Maryland, this fertilizer can only be used as a starter fertilizer for establishing or renovating lawns.

24310-4
BG10082

Distributed by:
The Andersons, Inc.
PO Box 119
Maumee, OH 43537
www.AndersonsPlantNutrient.com

SGN 125
Net Wt. 40 Lbs. (18.14 kg)

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