LESCO®

Mesotrione 0.08%
Starter Fertilizer
Plus Pre-Emergent Herbicide

21-22-4

GUARANTEED ANALYSIS

Total nitrogen (N)	21%
4.5% Ammoniacal Nitrogen	
9.1% Urea Nitrogen	
6.8% Other Water Soluble Nitrogen**	
0.6% Water Insoluble Nitrogen**	
Available phosphate (P_2O_5)	22%
Soluble potash (K_2O)	4%
Sulfur (S)	1%
1.0% Combined Sulfur (S)	
Iron (Fe)	0.5%
0.5% Water Soluble Iron	

Derived From: Methyleneureas, Urea, Potassium Sulfate, Ammonium Phosphate and Ferrous Sulfate.

** Contains 5.6% slowly available nitrogen from methyleneureas.

In Maryland, Virginia, New York and New Hampshire, this lawn fertilizer, which contains phosphorous, is intended only for non-agricultural use on
(i) turf during its first growing season
ii) turf areas being repaired or renovated, and
iii) turf where a soil test performed within the last 3 years indicates a phosphorous deficiency

This fertilizer is not intended for the routine maintenance of turf.

Information regarding the contents and levels of metals in this product is available on the internet at https://www.aapfco.org/metals.html
FI580

ACTIVE INGREDIENT:	
Mesotrione†	0.08 %
OTHER INGREDIENTS	99.92 %
Total	100.00 %

†CAS #104206-82-8

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back panel for additional precautionary statements.

COVERS
9,300 sq. ft.

EPA Reg. No. 538-317-10404
EPA Est. No. 538-OH-2

40 lbs. (18.1437 kg) **702843**

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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.

Turf Use Directions
Intended for Professional Use
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. 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

This product may contaminate 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 springs will reduce the potential for contamination of water from runoff. Runoff of this product will 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 to use this product in 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. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 ryegrass lawns and turf.

RESTRICTIONS

•Do not use this product on flowers, shrubs, trees, fruit or vegetable plants. Cana, day lilies and irises are especially susceptible to injury.

•Do not graze or feed livestock forage from areas treated with this product.

•Do not treat golf course greens with this product.

•Do not apply to Bentgrass, Bermudagrass (common), improved seeded Bermudagrass, Zoysiagrass, Dichondra, Kikuyugrass, 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 applied at planting prevents 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, heal-all, woodsorrel , dollar weed, volunteer - bentgrass, dandelion, white clover, black medic, hop clover, nimblewill, ground ivy, broadleaf plantain, buckhorn plantain, Carolina plantain, hedgeweed, old world diamond flower, tufted lovegrass, Shepherd's purse, Florida pusley, common purslane, common lambsquarters, pigweed, kochia, wild violets, and other broadleaf weeds. Apply 187 pounds of fertilizer (0.15 pounds active ingredient per acre of Mesotrione impregnated on fertilizer) per acre of turf. Apply 4.3 lbs. of this product per 1000 sq. ft. Apply to newly seeded or to over-seeded established plantings of the following grasses: Kentucky bluegrass, centipedegrass, tall fescue, fine fescue (creeping red, chewings, hard), and perennial ryegrass. Mesotrione may reduce the 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. A second application will aid in control of dandelion and perennials such as clover, ground ivy, and volunteer bentgrass. For extended season long control of crabgrass and foxtail, apply Mesotrione in combination with a preemergence herbicide such as Barricade® 65WG Herbicide.

Fall Seeding: For control of crabgrass, common chickweed, mouse ear chickweed, henbit, corn speedwell, hairy bittercress, heal-all, knawel, woodsorrel , dollar weed, volunteer bentgrass, dandelion, white clover, black medic, hop clover, nimblewill, ground ivy, broadleaf plantain, buckhorn plantain, Carolina plantain, hedgeweed, old world diamond flower, knotweed, tufted love grass, Shepherd's purse, Florida pusley, common purslane, common lambsquarters, pigweed, kochia, wild violets, knotweed, and other broadleaf weeds, apply 187 pounds of fertilizer (0.15 pounds active ingredient per acre of Mesotrione impregnated on fertilizer) per acre of turf. Apply 4.3 lbs. of this product per 1000 sq. ft. Apply to newly seeded or to over-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).

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.

Suggested Spreader Settings			
Spreader	4.3 # / 1000 Sq. Ft.	Spreader	4.3 # / 1000 Sq. Ft.
Earthway Rotary	14¼	LESCO	14
Gandy	24	Spyker	4
Lely	4 II	Vicon (all models)	22

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.

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 factors, off target movement, unconventional technique, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of this 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 purpose stated in 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 AND THE EXCLUSIVE LIABILITY OF THIS COMPANY OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR 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 THE RETURN OF THE PURCHASE PRICE 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, this 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 this company or this company's distributor of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.

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

This product contains the secondary nutrient iron. Iron may stain concrete and should not be applied on dry or water dampened concrete and should be removed from these areas promptly by sweeping or blowing.

Do not wash off with water.

EPA Reg. No. 538-317-10404

EPA Est. No. V, 538-OH-2

Sold and guaranteed by:
LESCO, Inc
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Cleveland, Ohio 44114

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BG12522
VID-PP