

# MACH 2\* 1.33% Plus Fertilizer

For control of immature stages of certain insects in turfgrass.  
 Not for Sale or Use in Nassau and Suffolk Counties, New York.  
 New York State Requires This Product be Used Only by  
 Professional Applicators.

Contains LESCO® Poly Plus® Sulfur Coated Urea to provide a uniform growth  
 with extended nitrogen feeding.

**ACTIVE INGREDIENT**

halofenozide: Benzoic acid, 4-chloro-,2-benzoyl-2-  
 (1,1-dimethylethyl) hydrazide ..... 1.33%

**INERT INGREDIENTS** ..... 98.67%

**TOTAL** ..... 100.00%

# 0-0-7

**GUARANTEED ANALYSIS**

**SOLUBLE POTASH (K<sub>2</sub>O)** ..... 7.00%

**DERIVED FROM:** Muriate of Potash

Chlorine (Cl) Max ..... 5.25%

Made in U.S.A.

F1560

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION / PRECAUCION**

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

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

Causes Moderate Eye Irritation • Harmful if Absorbed Through Skin  
 Avoid contact with skin, eyes, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**WPS Uses:** Applicators and other handlers who handle this pesticide for any use  
 covered by Worker Protection Standard (40 CFR part 170) – in general, agricultural  
 plant uses are covered – must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that  
 meets the requirements listed in the Worker Protection Standards (WPS) for  
 agricultural pesticides [40 CFR 170.240(d) (4-6)], the handlers PPE requirements  
 may be reduced or modified as specified in the WPS.

**Non-WPS Uses:** Applicators and other handlers who handle this pesticide for any  
 use NOT covered by the Worker Protection Standard (40 CFR part 170) – in general,  
 only agricultural plant uses are covered by the WPS – must wear:

- Shirt and pants
- Gloves
- Shoes plus socks

# #089907

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**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**First Aid**

<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-424-9300 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS**

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 cleaning equipment or disposing of equipment washwaters.

This chemical has the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**DIRECTIONS FOR USE**

**Store in a Dry Place.**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. 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.

**GENERAL INFORMATION**

LESCO® MACH 2 1.33% Plus Fertilizer specialty insecticide can be used as directed on any turfgrass site (lawns, sod, turf areas). Examples of such sites include, but are not limited to: residential and commercial lawns, grounds or lawns around business and office complexes, shopping centers, multi-family and residential apartment complexes, airports, military and other institutions, cemeteries, parks and picnic areas, playgrounds, schools, athletic fields, golf courses and sod farms. LESCO MACH 2 1.33% Plus Fertilizer mimics the action of a natural insect hormone that induces the molting and metamorphosis process in insects. LESCO MACH 2 1.33% Plus Fertilizer is highly active against grubs and lepidopterous larvae listed as target pests. LESCO MACH 2 1.33% Plus Fertilizer controls listed larvae through a novel mode-of-action that starts within hours of ingestion. Actual death of larvae may take several days to occur.

**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 exemptions 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
- Waterproof gloves
- Shoes plus socks

**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. Keep children and pets out of treated area until dusts have settled.

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## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry, well-ventilated area. Prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children.

**Pesticide Disposal:** Wastes resulting from the use of this product (that cannot be used according to label Instructions) may be disposed of on site or at an approved waste disposal facility.

**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 and local authorities, by burning. If burned, stay out of smoke.

**Steps to be Taken if Material is Released or Spilled:** Appropriate protective equipment must be worn when handling a spill of this material. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

## USE RATE DETERMINATION

Carefully read, understand, and follow label use rates, recommendations and restrictions. Apply the amount specified with a properly calibrated fertilizer spreader. Check calibration periodically to ensure that equipment is working properly. Avoid overlaps that will increase rates above those recommended. Failure to follow the Directions for Use and all precautions on this label may result in grass injury or poor pest control.

## APPLICATION TIMING

The activity of LESCO MACH 2 1.33% Plus Fertilizer is expressed following ingestion by the target larvae. Consequently, the timing of application is dependent upon the feeding behavior of the target pest. Consult your local State Extension Specialists for more specific information regarding timing of applications.

To achieve optimal effectiveness, the following turf management practices are suggested:

- **Minimize thatch** since heavy thatch will prevent the insecticide from penetrating to the area where insects are feeding.
- **Make applications prior to egg hatch or when larvae are small** and actively feeding (late spring through mid summer).
- **LESCO MACH 2 1.33% Plus Fertilizer is not dependent upon immediate irrigation for activation;** however, water must transport the material through the thatch. Under conditions of drought it is recommended to water in LESCO MACH 2 1.33% Plus Fertilizer.

**For Sod Farms:** Allow at least 7 days to elapse between last application and harvest of sod.

## Suggested Spreader Settings

Recommended rates in lbs/1000 sq ft

SPREADER TYPE	1.7	3.4
LESCO Rotary Calibration Gauge	#XX	#XX
Cyclone® or Spyker®	XX	XX

Apply LESCO MACH 2 1.33% Plus Fertilizer with a drop or rotary spreader designed to apply granular insecticides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturers' 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 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.

## USE DIRECTIONS FOR TURFGRASS

PEST	Amount of LESCO MACH 2 1.33% Plus Fertilizer	COMMENTS
<b>Lepidoptera larvae such as:</b> larvae of cutworms, sod webworms, armyworms, and fall armyworms	75 lb/acre 1.72 lb/1,000 sq ft	Apply at first sign of pest damage. A single repeat application can be made if needed.
<b>White grub larvae such as:</b> Japanese beetle, <i>Popillia japonica</i> Northern masked chafer, <i>Cyclocephala borealis</i> Southern masked chafer, <i>Cyclocephala lurida</i> May/June beetle, <i>Phyllophaga</i> spp. Black turfgrass ataenius, <i>Ataenius spretulus</i> Green June Beetle, <i>Cotinus nitida</i> Annual bluegrass weevil larvae, <i>Hyperodes</i> spp. Billbugs, <i>Sphenophorus</i> spp. Aphodius beetle, <i>Aphodius</i> spp. European chafer, <i>Rhizotrogus majalis</i> Oriental beetle, <i>Exomala orientalis</i>	150 lb/acre 3.40 lb/1,000 sq ft	LESCO MACH 2 1.33% Plus Fertilizer may be used as either a preventative or an early curative treatment (see application timing instructions). Make only one application.

Do not apply more than 150 lb (2 lb active ingredient) per acre per year regardless of pests controlled.

Use of this product on "Tifdwarf" Bermudagrass greens may result in short term discoloration of the turfgrass. Since many agronomic factors may influence this response it is recommended that users treat a small area at recommended rates prior to initiating large-scale use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read the Warranty elsewhere on this label. If terms are unacceptable, return at once unopened.**

IN CASE OF AN EMERGENCY ENDANGERING HEALTH OR ENVIRONMENT INVOLVING THIS PRODUCT, CALL 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

## WARRANTY

LESCO, Inc. warrants that this product conforms to the chemical description on this label. When used in accordance with label directions under normal conditions, this product is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn. RA Dept., 1301 East 9<sup>th</sup> Street, Suite 1300, Cleveland, Ohio 44114-1849, referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-a1.com>

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**Net Weight: 50 lb (22.7 kg)**

EPA Reg. No. 62719-490-10404  
EPA Est. No. 82757-OH-001 (M), 82757-FL-001 (S)  
First letter of lot number indicates manufacturing site.

**#089907**

F1560  
Distributed by LESCO, Inc.  
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