



# Fertilizer 0-0-8 with Mach 2<sup>®</sup> Insecticide

Professional Turf™  
Products

## FEATURES & USE TIPS:

- Combination fertilizer and Mach 2<sup>®</sup> Insecticide.
- For control of immature stages of certain listed insects in turfgrass.
- Utilizes Mach 2<sup>®</sup> Insecticide, which contains the active ingredient halofenozide.
- Consistently sized particles reduce segregation potential
- Contains potassium for enhanced root development and stress tolerance
- Labeled for use on sod farms.

## PRODUCT SPECIFICATIONS:

- K - as K<sub>2</sub>O - (8%):** Potassium chloride
- Cl (6.78%):** Maximum chloride
- Active Ingredient:** Halofenozide (1.33%)

## PRODUCT CODE:

**APTMH5**

Date: 081606  
Supersedes: 063003

## PRODUCT CHARACTERISTICS:

### **Product Type:**

Combination fertilizer  
Mach 2<sup>®</sup> Insecticide

### **Particle Size:**

SGN: 215

### **Net Weight:**

50 lbs.

### **Coverage:**

14,700 sq. ft. @  
high rate

Mach 2 is a registered trademark of Dow AgroSciences, L.L.C.; The Andersons logo is a registered trademark of The Andersons Agriservices, Inc. NS-52 and Professional Turf are trademarks of The Andersons Agriservices, Inc.

*To order, contact your local  
Andersons Lawn Products  
distributor.*

*For more information, contact  
Andersons at our website:  
[www.andersonslawnproducts.com](http://www.andersonslawnproducts.com)  
or call 1-800-225-2639.*

Specimen label follows

*PRODUCT SHEET*



# Professional Turf™ Products

# Fertilizer 0-0-8 with Mach 2® Insecticide

• 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.

Active Ingredients:	1.33%
2-benzoyl-2-(1-dimethylamyl) hydrazide	0.862%
Inert Ingredients	100.00%
Total	102.193%

The Andersons logo is a registered trademark of The Andersons AgriScience, Inc.; Professional Turf is a trademark of The Andersons AgriScience, Inc.; Mach 2 is a registered trademark of Dow AgroSciences LLC

EPA Reg. No. 62719-6903-88  
EPA Est. No. 9188-OH-1M, 9188-OH-2B, 9198-AL-001A  
Unlabeled later is first letter used in run code on bag

Soluble Polish (w/o)	8.00%
Plant nutrients derived from potassium chloride	6.78%
Chlorine (Cl) Max	6.82%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION PRECAUTION**

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.)

**Notice:** Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5594. If you wish to obtain additional product information, visit our website at [www.andersons.com](http://www.andersons.com).

**Store in a Dry Place**  
**Specialty Insecticide**

**RECAUTIONARY 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 the 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 all other instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

**NON-WPS USES:** Applications 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

**User Safety Recommendations**  
Users should:  
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
• Avoid eating, drinking, or smoking while handling this pesticide.  
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**FRST AID**  
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.  
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.  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5594 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.

**Store in a dry place.**  
This 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 site, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**  
Use this product only in accordance with its labeling. Use only under the following conditions: 40 CFR part 170. The Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, residences, 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 pests have settled.

**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 in the Event of a Release or Spill:** Appropriate protective equipment must be worn when handling a spill of this material. If spilled, do not touch or breathe vapors. If spilled on clothing, remove clothing immediately. If spilled on skin, wash with soap and water. If spilled on a hard surface, wash with soap and water. If spilled on a soft surface, blot the material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away.

**GENERAL INFORMATION**  
This product can be used as directed on any turfgrass site (lawns, soil, 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 lawns. This product meets the action of a natural insect hormone that induces the molting and metamorphosis process in insects. This product is highly active against grubs and other soil-dwelling insects, such as mole crickets, and other insects that feed through a root or node or at the soil surface within hours of ingestion. Actual degree of larvae may take several days to occur.

**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 overages 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 this product 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 Specialist for more specific information regarding timing of applications.

- To achieve optimal effectiveness, the following turf management practices are suggested:
- Mow turfgrass at least 1/2" above the height of the target pest when the target pest is feeding.
  - Make early application or frequent applications to which you will increase each subsequent application (less spring through mid summer).
  - This product 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 this product.

Pest	The Andersons Professional Turf Products Fertilizer 0-0-8 with Mach 2 Insecticide	Comments
Lepidoptera larvae such as: larvae of cutworms, sod webworms, armyworms, and fall armyworms.	75 baits (1.72 lb/1,000 sq ft)	Apply at first sign of pest damage. A single repeat application can be made if needed.
White grub larvae such as: Japanese beetle, Popillia japonica masked chafar, Cyclocephala borealis, Southern masked chafar, Cyclocephala lurida, May/June beetle, Phyllophaga spp., Black turfgrass ateletus, Ateletus sordidus, Green June beetle, Cotinus nitida, Annual bluegrass weevil larvae, Hyperandrus spp., Billbugs, Spireophorus spp., Anthonus beetle, Anthonus spp., European chafar, Anthonus nigellus, Chironia beetle, Exomastix nigellus,	150 baits (3.4 lb/1,000 sq ft)	The Andersons Professional Turf Products Fertilizer 0-0-8 with Mach 2 Insecticide may be used as either a preventative or early treatment against young actively feeding larvae that have not developed past the second instar (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 "Tickler" 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 to determine if rates prior to initiating large-scale use.  
For Sod Farms: Allow at least 7 days to elapse between last application and harvest of sod.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 1.0 lbs. a/i/A	HIGH RATE 2.0 lbs. a/i/A
Andersons AcqPro 2000, SR-2000 (cone 2)	3 mph	12 feet	1	J-12
Andersons AcqPro 1000	3 mph	12 feet	1	J-12
Scotts R-3, R-8A (cone 2)	3 mph	12 feet	6/12	1
Lyle Models WTR, WFR, HR, 1250 (P/O 40-100) Pattern 11-B	4.5 mph	32 feet	3/12	4/12
Vicon (63 Series)	4.5 mph	32 feet	18	26

**Application Equipment**  
Apply this product with a drop or tray spreader designed to apply granular insecticides. Avoid the use of spreaders that would apply this product in a non-uniform manner. Calibrate your spreader according to the label directions for the spreader you are using. Do not use a spreader for which the spreader delivers the appropriate application rate specified above. Apply this product uniformly over the law, corresponding to which that the spreader application rate is specified above. 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.

**TERMS AND CONDITIONS OF USE**  
If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

**WARRANTY DISCLAIMER**  
The seller 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, subject to the inherent risks set forth below. **THE SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**INHERENT RISKS OF USE**  
It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as: use of the product contrary to label instructions including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.; abnormal conditions (such as excessive rainfall, drought, hurricanes, hurricanes); presence of other materials, the manner of application, or other factors, all of which are beyond the control of the seller. All such risks shall be assumed by buyer.

**LIMITATION OF REMEDIES**  
The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the seller's election, one of the following:  
1) Refund of purchase price paid by buyer or user for product bought, or  
2) Replacement of amount of product used.  
The seller shall not be liable for losses or damages resulting from handling or use of this product unless the seller is promptly notified of such loss or damage in writing. In no case shall the seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

Distributed By:  
The Andersons Lawn Fertilizer Division, Inc.  
P. O. Box 119  
Maumee, OH 43537

**SGN 215**  
**Treats up to 29,400 Sq. Ft.**  
**Net Wt. 50 Lbs. (22.68 kg)**

**APTMH5**

F6 (APTBKPREDB)