ATEP HI MAG

TRACE ELEMENT PACKAGE

with Magnesium & other essential nutrients

- **Prevents minor element deficiencies**
- **Excellent supplement to a nitrogen feeding program**
- **Ideal for use on new construction and existing greens and other turf areas**
- **Provides secondary and micro nutrients necessary for growth in container-grown and landscape ornamentals**

Golf Greens | **Golf Fairways** | **Sports Fields** | **Residential** | **Ornamentals**

Guaranteed Analysis

Magnesium (Mg)	12.00%
6.00% Water Soluble Magnesium (Mg)	
Sulfur (S)	9.00%
9.00% Combined Sulfur (S)	
Copper (Cu)	0.10%
Iron (Fe) 8.00%	
0.01% Water Soluble Iron (Fe)	
Manganese (Mn)	3.00%
2.00% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.10%

Derived from: cupric sulfate, copper oxysulfate, ferrous sulfate, iron oxysulfate, magnesium sulfate, manganese sulfate, manganese oxysulfate, zinc sulfate, zinc oxysulfate and sodium molybdate.

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

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

CAUTION: The application of fertilizing materials containing molybdenum may result in forage crops containing levels of molybdenum which are toxic to ruminant animals.

Warning

Causes serious eye irritation. May cause respiratory irritation.
May cause drowsiness or dizziness.

Precautionary Statement
Avoid breathing dust. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Call a poison center/doctor if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

First Aid

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. If symptomatic, move to fresh air.
Skin:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eyes:	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur.

GENERAL INFORMATION: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

DIRECTIONS FOR USE
TURFGRASS
Apply only as directed. For use on all turfgrasses.
Apply any time during the growing season while turf is actively growing. Make application to dry turf. All applications should be watered immediately with 0.20 inches of water prior to any traffic to reduce potential for staining. Avoid mowing soon after application. For best results when used on greens and other close cut turf, apply at aerification or grow-in.

Turf Application Rates				
Rate	lb. product/ A	lb. product/ 1,000 sq. ft.	lb. Fe / A	
Medium	60	1.4	4.6	Apply when micronutrient package is desired. Repeat applications can be made after 6 weeks or as needed.
High	100	2.3	8	

Suggested Spreader Settings for Turfgrass
These suggested spreader settings are not intended to replace calibration.
Please calibrate your spreader prior to applying product.
50 lbs. feeds 35,700 sq. ft. (0.82 acre) at the MEDIUM RATE
50 lbs. feeds 21,700 sq. ft. (0.50 acre) at the HIGH RATE

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	MEDIUM RATE 1.4 lbs/1,000 sq. ft.	HIGH RATE 2.3 lbs/1,000 sq. ft.
Andersons Model 2000/AccuPro 2000; (cone 9) Andersons 2000 SR/ SR-2000 (cone 9)	3 mph	9 feet	H 1/2	I 1/2
Andersons SSD / SS-2 Drop	3 mph	overlap wheels	2 3/4	3 1/4
Scotts R-8, R-8A (cone 9)	3 mph	9 feet	G 1/2	H 1/4
LESCO 020093 (0.25)	3 mph	8 feet	C 1/2	D
LESCO 705698 (0.25)	3 mph	8 feet	9	10
Lely Models WTR, WFR, HR, 1250, (PTO at 450 rpm)	4.5 mph	24 feet	3 1/4	3 3/4
Vicon (03 Series-Standard Spout)	4.5 mph	20 feet	11	14

CONTAINER NURSERY STOCK AND LANDSCAPE ORNAMENTALS
This product can be applied via surface application or incorporated.

The following information and application rates are general recommendations only. Prior to using a new fertilizer program, it is recommended to conduct a product trial. The selection of product and application rate should be based on grower practices. Factors that may influence use include climate, specific crop, growing media, other nutrient sources, irrigation type and rainfall amount.

PRECAUTIONS
Product clumping may occur when the bag sets for a period of time. Clumps are easily broken up by dropping the bag to the ground several times before opening.

This product contains the micronutrient iron for extra greening and to help prevent iron deficiency. Iron may stain concrete and other surfaces. Misapplied product to these surfaces should be removed promptly by sweeping or blowing. DO NOT WASH OFF WITH WATER.

Do not apply product 2 or 3 days prior to an anticipated frost.

Apply only to actively growing turf. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk or street, back onto your lawn. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.

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Surface Application Rates per Container				
Container Size	Approximate conatiner per Cubic Yard*	Application Rate - Grams per Container		
		Low	Medium	High
Trade 1 gallon	300	2	3	5
Trade 2 gallon	125	6	7	11
3 gallon	70	10	13	20
5 gallon	50	14	18	28
7 gallon	35	19	25	38

*Actual container fill rates are dependent on container brand, growing media and fill method and will vary.

Incorporation Rates			
Volume or area of mix	Low	Medium	High
Per cubic foot (oz.)	0.9	1.2	1.8
Per cubic yard (lb.)	1.5	2.0	3.0
Per cubic meter (kg)	0.9	1.2	1.8
Lb. per 100 sq. ft. (to 6" depth)	2.8	3.7	5.6
Kg per sq. m. (to 15 cm depth)	0.13	0.18	0.27

Conventional Measures (level)*
1 tsp. = 7 grams
1 tbsp = 21 grams
1/4 cup = 85 grams
1/3 cup = 110 grams
1/2 cup = 170 grams
1 cup = 340 grams
28 grams (g) = 1 ounce (oz)
454 grams (g) = 1 pound (lb)
*Approximate volume measures

STORAGE AND USE
Store in a clean, dry place.
Reseal opened bag by folding top down and securing.
Use only clean, dry spreaders or applicators.
Do not leave unused product in spreaders.

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 purposes 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 A 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 LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.

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 U.S.A.

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

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Net Wt. 50 Lbs. (22.68 kg)

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