

# ATEP DG™

- **Micronutrient package with nutrients essential for growth**
- **Features Dispersing Granule (DG) Technology**
- **Specially designed for use on greens and tees**
- **Excellent supplement to a nitrogen feeding program**
- **Contains humic acid and biochar to strengthen roots and increase nutrient uptake**

GUARANTEED ANALYSIS	
Magnesium (Mg) .....	11.30%
4.40% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	7.30%
7.30% Combined Sulfur (S)	
Copper (Cu) .....	.010%
Iron (Fe) .....	7.90%
0.70% Water Soluble Iron (Fe)	
Manganese (Mn) .....	2.00%
1.90% Water Soluble Manganese (Mn)	
Zinc (Zn) .....	0.10%
0.03% Water Soluble Zinc (Zn)	

Derived from iron oxide, iron sulfate, manganese sulfate, magnesium sulfate, magnesium oxide, copper oxide, dicopper oxide, and zinc oxide.

#### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis-Soil Amending Ingredients

#### ACTIVE INGREDIENTS

Humic Acids (derived from leonardite)..... 10.00%  
Biochar (derived from pecan)..... 9.60%

#### INERT INGREDIENTS

Total Other Ingredients (from fertilizer materials, inactive components of leonardite, and proprietary binding agent) .....80.40%

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**Purpose:** Humic acids may increase the uptake of micronutrients. Biochar is a carbon source and structure for supporting soil microbiology.

#### 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>



## WARNING

CAUSES SERIOUS EYE, SKIN, AND RESPIRATORY IRRITATION

#### Precautionary Statements

- Wear protective gloves and clothing.
- Remove contaminated clothing and wash before reuse.
- Do not breathe dusts.
- Use only outdoors or in well-ventilated area.
- Wash thoroughly after handling.
- Do not eat drink, or smoke when using this product.

#### First Aid

If inhaled:	Move to fresh air and keep comfortable, seek medical attention if unwell.
If on skin:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
If in the eyes:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do - continue rinsing. Seek medical attention if irritation persists.
If swallowed:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.

#### 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. Staining potential is greatest when applied at High Rate to nutrient-deficient turf. 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/ M	lb. Fe / A	
Low	87	2.0	6.9	Apply when micronutrient package is desired. Repeat applications can be made after 6 weeks or as needed.
High	130	3.0	10.3	
Grow-In	500	11.5	39.5	Only at establishment.

<b>Suggested Spreader Settings</b> These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. <b>50 lbs. feeds 25,000 sq. ft. (0.57 acre) at the LOW RATE</b> <b>50 lbs. feeds 16,600 sq. ft. (0.38 acre) at the HIGH RATE</b> <b>50 lbs. feeds 4,300 sq. ft. (0.10 acre) at the GROW-IN RATE</b>					
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE 2.0 lbs/1,000 sq. ft.	HIGH RATE 3.0 lbs/1,000 sq. ft.	GROW-IN RATE 11.5 lbs/1,000 sq. ft.
Andersons 2000 series (cone 8); Andersons LCO-1000	3 mph	10 feet	I	J 1/2	Q 1/2
Scotts R-8, R-8A (cone 6)	3 mph	9 feet	H	I	P 1/2
Lesco 020093 (pattern open)	3 mph	5 feet	C	D	I 1/2
Lesco 705698 (pattern open)	3 mph	5 feet	8	10	21
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-A	4.5 mph	30 feet	3 3/4	4 1/2	8
Vicon (03 series)	4.5 mph	16 feet	11	13	31

#### 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.

Surface Application Rates per Container				
Container Size	Approximate container per Cubic Yard*	Application Rate - Grams per Container		
		Low	Medium	High
Trade 1 gallon	300	3	4	5
Trade 2 gallon	125	6	8	10
3 gallon	70	9	15	20
5 gallon	50	15	22	30
7 gallon	35	21	30	40

\*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.)	1.0	1.5	2.0
Per cubic yard (lb.)	1.5	2.2	3.0
Per cubic meter (kg)	1.0	1.5	2.0
Lb. per 100 sq. ft. (to 6" depth)	3.0	4.4	5.8
Kg per sq. m. (to 15 cm depth)	0.15	0.22	0.30

#### Conventional Measures (level)\*

1 tsp. = 7 grams	1/4 cup = 85 grams	28 grp. (g) = 1 ounce (oz)
1 tbsp = 21 grams	1/3 cup = 110 grams	454 grams (g) = 1 pound (lb)
	1/2 cup = 170 grams	
	1 cup = 340 grams	

\*Approximate volume measures

#### 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.

#### 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.

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**SGN 100**  
**Net Wt. 50 Lbs (22.67 kg)**



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