

# Nursery Products

# 18-6-12

- "All purpose" product designed for professional landscape, field grown nursery stock, composting medias and container grown plants
- 8 - 9 month nitrogen feeding period
- Contains iron and other micronutrients for enhanced greening and stress tolerance
- Contains SMARTPHOS™ slow release phosphate and MUTECH®-XL slow release nitrogen

### GUARANTEED ANALYSIS

Total Nitrogen (N)*	18.00%
0.17% Ammoniacal Nitrogen	
3.93% Urea Nitrogen***	
11.01% Water Insoluble Nitrogen	
2.89% Other Water Soluble Nitrogen****	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )*	6.00%
Soluble Potash (K <sub>2</sub> O)**	12.00%
Magnesium (Mg)*	0.50%
Sulfur (S)	4.25%
0.25 Free Sulfur (S)	
4.00% Combined Sulfur (S)	
Copper (Cu)	0.10%
0.02% Water Soluble copper (Cu)	
Iron (Fe)	1.00%
0.03% Water Soluble Iron (Fe)	
Manganese (Mn)	0.10%
0.03% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.10%
0.03% Water Soluble Zinc (Zn)	

Plant nutrients derived from triple super phosphate, ureaform, magnesium ammonium phosphate hexahydrate, potassium sulfate, polymer coated sulfur coated urea, polymer coated sulfate of potash, ferric oxide, ferrous sulfate, cupric oxide, cupric sulfate, zinc oxide, zinc sulfate, manganous oxide, manganese sulfate and magnesium oxide.

\*0.17% slowly available total nitrogen (N), 1.00% slowly available phosphate (P<sub>2</sub>O<sub>5</sub>), and 0.35% slowly available magnesium (Mg) from magnesium ammonium phosphate hexahydrate  
 \*\*6.00% coated slow release potassium sulfate.  
 \*\*\*2.77% Slowly available urea nitrogen from polymer coated sulfur coated urea.  
 \*\*\*\*2.89% Slowly available water soluble nitrogen from ureaform.

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### FLORIDA APPLICATIONS:

We recommend that you follow the Florida Green Industries BMP's at [http://www.flaes.org/pdf/BMP\\_Book\\_final.pdf](http://www.flaes.org/pdf/BMP_Book_final.pdf)

We recommend that you follow the Florida Golf Course BMP's at <http://www.flaes.org/pdf/gfbbmp07.pdf>

**Note:** 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.

### LONGEVITY

Longevity at the following average media temperatures			
60° F (15° C) 9 to 10 months	70° F (21° C) 8 to 9 months	80° F (26° C) 6 to 7 months	90° F (32° C) 6-7 months

Product release does not accelerate above 26°C (reacted product, not coated)

### For Professional Use Only

Our recommendation is to perform a product trial prior to adopting a new fertilizer program. Application rate should be based on individual grower practices. The following are general recommendations only.

### DIRECTIONS FOR USE

Incorporation Rates			
	Low	Medium	High
Pounds per cubic yard	7.0	11.0	15.0
Grams per liter or Kilograms per Cubic Meter	4.2	6.5	8.9
Broadcast Rates			
	Low	Medium	
Pounds per 1,000 sq. ft.	11.0	19.5	
Kilograms per 100 sq. Meter	5.4	9.5	

Use low rate in greenhouse applications or heavy or clay soils, high rate on light or sandy soils depending on soil test. Trial all rates on a small area or potted lot prior to adopting a new fertility program.

Container Rates - Topdressing Established Plants		
Container Size	Approximate Containers/Cu. Yd.	Conversions
4" square	1,260	3 g = 1/2 teaspoon = 1/10 oz.
5" pot	800	5 g = 1 teaspoon = 1/6 oz.
6" pot	450	8 g = 1½ teaspoon = 1/3 oz.
1 gallon container	300	14 g = 1 tablespoon = 1/2 oz.
3 gallon container	80	28 g = 2 tablespoons = 1 oz.
5 gallon container	50	42 g = 3 tablespoons = 1½ oz.

Product selection and application rates should be based on individual grower practices. Some factors that influence selection include:

- Climate
- Specific Crop
- Type of Growing Media
- Other Nutrient Sources
- Irrigation Type
- Rainfall Amount

### Conventional Measures (level)

- 1 tsp. = 5 grams
- 1 tbsp. = 14 grams
- 1/4 cup = 64 grams
- 1/3 cup = 85 grams
- 1/2 cup = 127 grams
- 1 cup = 253 grams
- 28 grams (g) = 1 ounce (oz.)
- 454 grams (g) = 1 pound (lb.)

### 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. Use contrary to label directions is not permitted.

### 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 USA

Manufactured by:  
 The Andersons Lawn Fertilizer Division, Inc.  
 P.O. Box 119  
 Maumee, OH 43537  
[www.andersonspro.com](http://www.andersonspro.com)

MUTECH is a registered trademark of The Andersons, Inc.; SMARTPHOS is a trademark of The Andersons, Inc.

**SGN 240**  
**Bulk Density = 59 lbs. per Cubic Foot**  
**Net Wt. 50 Lbs. (22.68 kg)**



**ASP181WM5.1**

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