



*Professional  
Landscape Nutrition*

**Longterm 18-5-10 with Micros**

**General**

Woodace® Longterm 18-5-10 is a premium blended fertilizer for maintaining landscape plants. In this high WIN product 88% of the nitrogen is derived from extra coarse IBDU® Slow Release Nitrogen. Woodace® Longterm is ideal for single application season long feeding of landscape plants, trees, and groundcovers. Woodace® Longterm also boasts an excellent micro package with Magnesium, Sulfur, Iron, Manganese, and Zinc. Nutrient sources are selected to reduce salt index allowing higher rates of application.

**Use**

Woodace® Longterm is intended for topdress application to landscape plants, ornamental beds, gardens, and lawns. Extra course IBDU will provide continuous feeding for up to 12 months depending on temperature, rainfall/irrigation, and soil conditions.

**Key Features**

- 88% EXTRA COURSE IBDU FOR SUSTAINED FEEDING
- COMPLETE MICRO PACKAGE
- POPULAR 3:1:2 NUTRIENT RATIO
- LOW SALT INDEX FOR INCREASED SAFETY
- LABOR SAVING SINGLE APPLICATION PRODUCT
- HIGH DENSITY UNIFORM BELND FOR EASE OF APPLICATION

**Guaranteed Analysis**

**Total Nitrogen ..... 18.0%**  
 1.0% Ammoniacal Nitrogen  
 1.9% Nitrate Nitrogen  
 13.0% Water Insoluble Nitrogen  
 2.1% Urea Nitrogen

**Available Phosphorus (P<sub>2</sub>O<sub>5</sub>) ..... 5.0%**

**Soluble Potash (K<sub>2</sub>O)..... 10.0%**

**Total Magnesium (Mg) ..... 0.2%**  
 0.1% Water Soluble Magnesium (MG)

**Total Sulfur (S) ..... 1.4%**  
 1.2% Combined Sulfur (S)

**Total Iron (Fe)..... 1.4%**  
 0.58% Water Soluble Iron (Fe)  
 0.02% Chelated Iron (Fe)

**Total Manganese (Mn)..... 0.3%**  
 0.14% Water Soluble Manganese (Mn)

**Total Zinc (Zn) ..... 0.2%**  
 0.1% Water Soluble Zinc (Zn)

**Nutrient Sources:**

Ammonium Phosphate, Isobutylidene diurea, Urea, Sulfate of Potash Magnesium, Sulfate of Iron Oxide, Iron Sulfate, Iron EDTA, Manganese Oxide, Manganese Sulfate, Zinc Oxide, Zinc Sulfate

**Chlorine (Cl) not more than..... 2.0%**

**PRODUCT 22-56253    PACKAGED 50LB BAG (45/PALLET)    SGN 210 BULK DENSITY 54LB/FT<sup>3</sup>**

BROADCAST FOR HEAVILY PLANTED BEDS			SHRUBS PER PLANT WITHIN DRIPLINE		
N RATE	LB/100 SF	LB/1000 SF	SIZE	RATE	MEASURE
2 LB/1000	1.1 LB	11 LB	8-12"	2 OZ	¼ CUP
4 LB/1000	2.2 LB	22 LB	13-18"	4OZ	½ CUP
6 LB/1000	3.3 LB	33 LB	19-24"	6 OZ	¾ CUP
<b>Each cup is approximately 7.8 oz by weight.</b> Shrub size refers to branch spread. for fastigate or decumbent forms reduce the amounts by 1/2 These rates are general guidelines. Adjust rates for local conditions, plant material variations, soils, and climate.			25-30"	8 OZ	1 CUP
			31-36"	12 OZ	1 ½ CUPS
			37-42"	16 OZ	2 CUPS
			>42"	1 ½ CUPS PER FOOT OF BRANCH SPREAD	

**Not Labeled for the Propagation or Production of Plants for Resale**

Product: 22-56253 3/28/00 4:01 PM



## BID SPECIFICATION SHEET

**Description:** Blended Fertilizer with IBDU® Slow Release Nitrogen and Micronutrients

**Analysis:** 18-5-10

**Features:** A high WIN blended fertilizer with 88% of the nitrogen derived from extra coarse IBDU® Slow Release Nitrogen. The analysis contains primary nutrients in the ratio of 3:1:2, and also contains micronutrients.

**Guarantee:**

Total Nitrogen Not Less Than .....	18.0%
1.0% Ammoniacal Nitrogen	
1.9% Nitrate Nitrogen	
13.0% Water Insoluble Nitrogen	
2.1% Urea Nitrogen	
Available Phosphorus (P <sub>2</sub> O <sub>5</sub> ) Not Less Than .....	5.0%
Soluble Potash (K <sub>2</sub> O).....	10.0%
Total Magnesium (Mg).....	0.2%
0.1% Water Soluble Magnesium (MG)	
Total Sulfur (S) Not Less Than.....	1.4%
1.2% Combined Sulfur (S)	
Total Iron (Fe) Not Less Than .....	1.4%
0.58% Water Soluble Iron (Fe)	
0.02% Chelated Iron (Fe)	
Total Manganese (Mn) Not Less Than .....	0.3%
0.14% Water Soluble Manganese (Mn)	
Total Zinc (Zn) Not Less Than .....	0.2%
0.1% Water Soluble Zinc (Zn)	

**Size:** All particles size shall be -6 +14 Tyler Standard Sieve (210 SGN)

**Packaging:** Fertilizer shall be packaged in a 4-ply bag. One ply shall consist of a poly liner that will serve as a vapor/moisture barrier. Each bag shall contain 50 pounds of product.

**Odor:** Fertilizer when applied to the ground and after irrigation or rain, shall be of low odor.

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