



# 20-0-10 SLOW RELEASE SOLUBLE TREE & SHRUB FERTILIZER W/SNT

## STABILIZED NITROGEN TECHNOLOGY FOR EXTENDED 10-12 WEEK RELEASE

### GUARANTEED ANALYSIS

<b>Total Nitrogen (N)</b> .....	<b>20.0%</b>
4.0% Ammoniacal Nitrogen*	
16.0% Urea Nitrogen*	
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>10.0%</b>
<b>Magnesium (Mg)</b> .....	<b>3.00%</b>
3.00% Water Soluble Magnesium (Mg)	
<b>Sulfur (S)</b> .....	<b>12.33%</b>
12.33% Combined Sulfur (S)	
<b>Copper (Cu)</b> .....	<b>0.05%</b>
0.05% Chelated Copper (Cu)	
<b>Iron (Fe)</b> .....	<b>0.10%</b>
0.10% Chelated Iron (Fe)	
<b>Manganese (Mn)</b> .....	<b>1.00%</b>
1.00% Chelated Manganese (Mn)	
<b>Zinc (Zn)</b> .....	<b>0.05%</b>
0.05% Chelated Zinc (Zn)	

**DERIVED FROM: Urea, Ammonium Sulfate, Potassium Sulfate, Magnesium Sulfate, Copper EDTA, Iron EDTA, Manganese EDTA, Zinc EDTA**

\*20% nitrogen stabilized with Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Information regarding the contents and levels of metals in this product is available on the internet at <http://aapfco.org/metals.htm>

### NET WT. 25 LB.

20-0-10 WATER SOLUBLE TREE & SHRUB FERTILIZER WITH STABILIZED NITROGEN TECHNOLOGY is formulated for the professional arborist. This is an all soluble, no-clog formulation with a stabilized Nitrogen Technology that includes Urease Inhibitors to reduce volatilization as well as Nitrification Inhibitors to prevent leaching. It contains all the necessary nutrient ingredients to promote good tree health, color and vigor, plus bio-ingredients for healthy soil balance with a 10-12 week release.

**LOW SALT INDEX:** The lower the salt index per unit of plant nutrient in each ingredient of the fertilizer, the less risk of crop injury in periods of drought or with localized placement of concentrated fertilizer. DOGGETT TREE FERTILIZER has a low salt index.

### Dilution Table

20-0-10 Fertilizer	WATER
10 lbs.	100 gallons
20 lbs.	200 gallons

### APPLICATION

90% of feeder roots are in the top 12 inches of soil with the majority in the first 6 inches. They start well out from the trunk and extend well beyond the dripline in most cases. This is the area to be injected with DOGGETT WATER SOLUBLE TREE & SHRUB FERTILIZER WITH STABILIZED NITROGEN TECHNOLOGY. Soil injection should be 4 to 6 inches deep using an injector probe at 150 to 200 PSI.

Injection should begin out from the trunk and be spaced 2½ feet apart, injecting on a grid extending beyond the dripline. Apply 150 gallons to each 2,000 square feet. Following the grid method outlined, you should inject approximately 1/2 gallon of fertilizer solution at each point. Based on the 2 ½ ft spacing, this will apply 150 gallons of solution over 2000 square feet.

**TO CALIBRATE** your particular rig and its operator, we suggest you find out how long it takes to inject 1/2 gallon of solution into a bucket. This will probably take 2 to 4 seconds. Count off the seconds and use this same count and cadence while injecting the probe at each point in the soil.

### TRUNK RATE OF APPLICATION

Use dilution rate as shown in table (10 lbs. in 100 gallons of water). Apply the solution at the rate of 5 gallons per inch of trunk diameter

### CROWN SPREAD TECHNIQUE

(concentric circles)  
Inject 150 gallons over 2,000 square feet. Space injection points at 2 ½ sq. ft. intervals, starting well out from the trunk and extending well beyond the dripline in unencumbered soils.

### FIVE GALLONS OF FERTILIZER SOLUTION PER INCH OF TRUNK DIAMETER

Example: Tree Trunk 12" times 5 gallons = 60 gallons of solution.

The manufacturer disclaims all responsibility for damage to plants and equipment through the use of this product whether used in accordance with directions or not.