



# 15-15-20 DROUGHT SPECIAL

## FOR SOIL INJECTION INTO ROOT AREAS OF PLANTS, SHRUBS AND TREES WITH HUMIC ACID

*A prescription-type formula specifically designed to regenerate root during and after drought conditions.  
Extremely low in salt, all slow-release nitrogen, very high percentage of humate.  
Guaranteed to enhance the recovery of drought-stricken trees and shrubs.*

### GUARANTEED ANALYSIS

<b>Total Nitrogen (N)</b> .....	<b>15.0%</b>
<i>2.47% Urea Nitrogen</i>	
<i>2.53% Other Water Soluble Nitrogen*</i>	
<i>10.00% Water Insoluble Nitrogen*</i>	
<b>Available Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>15.0%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>20.0%</b>
<b>Sulfur (S)</b> .....	<b>3.61%</b>
<i>3.61% Combined Sulfur (S)</i>	
<b>Copper (Cu)</b> .....	<b>0.05%</b>
<i>.05% Water Soluble Copper (Cu)</i>	
<b>Iron (Fe)</b> .....	<b>0.10%</b>
<i>.10% Chelated Iron (Fe)</i>	
<b>Manganese (Mn)</b> .....	<b>0.05%</b>
<i>.05% Water Soluble Manganese (Mn)</i>	
<b>Zinc (Zn)</b> .....	<b>0.05%</b>
<i>.05% Water Soluble Zinc (Zn)</i>	

**DERIVED FROM: Ureaform, Potassium Sulfate, Monopotassium Phosphate, Copper Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate**

### NON PLANT FOOD INGREDIENTS:

**Humic Acids (derived from Leonardite).....2%**

*\*12.53% Slowly Available Nitrogen from Ureaform*

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

**NET WT. 30 LB.**

**DROUGHT SPECIAL 15-15-20** is formulated for the professional arborist. Because of its high U.F. content it does not dissolve completely, but with strong agitation remains in suspension. Therefore, it should only be used with power spraying equipment with good agitation.

100% of the nitrogen in DROUGHT SPECIAL is derived from Ureaform. This unique Ureaform fertilizer releases its nitrogen over the entire growing season. Bacteria converts the more soluble fraction in the first six weeks with 2/3 of the balance over six to twelve months.

### LOW SALT INDEX

The lower salt index per unit of plant nutrient in each ingredient of a fertilizer, the less risk of crop injury in periods of drought or with localized placement of concentrated fertilizer. DROUGHT SPECIAL has a low salt index of 15. The ANSI maximum standard is 50.

### APPLICATION: SHRUBS, ROSES, SMALL BEDDING PLANTS

Injection holes should be 4 to 6 inches deep. Injection should begin 6 inches out from the main trunk or stem, spaced 1 1/2 ft. apart, injection on a grid extending at least 6 inches beyond the drip line. Apply 150 gals. to each 2000 sq. ft.

### Dilution Table

<i>Lbs. of Drought Special</i>	<i>per gals. of water</i>
15	100
30	200
75	500

### TO CALIBRATE

We suggest that you calibrate your tree feeding needle by finding out how long it takes to inject 16 oz. of solution into a bucket. This will probably take 1 to 2 seconds, count off the seconds and use this same count and cadence while injecting the probe at each point in the soil.

### FOR LARGE SHRUBS AND TREES

Injection should begin 2 ft. out from the trunk and be spaced 2-1/2 feet apart, injecting on a grid extending beyond the drip line. Apply 150 gals. to each 2000 sq. ft. following the grid method outlined, you should inject approximately 1/2 gal. of fertilizer solution at each point. Based on the 2-1/2 ft. spacing, this will apply 150 gals. of solution. Calibrate as above for 1/2 gal. of solution in bucket.

### TRUNK DIAMETER RATE OF APPLICATION

Use same dilution rates as shown in table. Apply the solution at the rate of 5 gals. per in. of trunk diameter. Using crown spread technique (concentric circles) inject the 150 gals. over 2,000 sq.ft.

Space injection points at 2-1/2 ft. intervals, starting 2 ft. from trunk and extending 2 ft. from trunk and extending 2 ft. beyond drip line.

**Five gallons of fertilizer solution per inch of trunk diameter.** Example: tree trunk 12" x 5 gals = 60 gals 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.*