



# 8-2-15-12S-4MG DOGETT'S PALM & SOUTHERN ORNAMENTAL LANDSCAPE SPECIAL

**WITH NON-LEACHING, SLOW RELEASE NITROGEN & HUMATES**

## GUARANTEED ANALYSIS

<b>Total Nitrogen (N)</b> .....	<b>8.0%</b>
1.16% Ammoniacal Nitrogen	
0.53% Urea Nitrogen	
1.31% Other Water Soluble Nitrogen*	
5.00% Water Insoluble Nitrogen*	
<b>Available Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>2.0%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>15.0%</b>
<b>Magnesium (Mg)</b> .....	<b>4.0%</b>
<b>Sulfur (S)</b> .....	<b>12.0%</b>
12.0% Combined Sulfur (S)	
<b>Boron (B)</b> .....	<b>0.15%</b>
<b>Copper (Cu)</b> .....	<b>0.05%</b>
.05% Chelated Copper (Cu)	
<b>Iron (Fe)</b> .....	<b>1.00%</b>
1.00% Chelated Iron (Fe)	
<b>Manganese (Mn)</b> .....	<b>1.00%</b>
1.00% Water Soluble Manganese (Mn)	
<b>Molybdenum (Mo)</b> .....	<b>0.0005%</b>
<b>Zinc (Zn)</b> .....	<b>0.15%</b>
.15% Chelated Zinc (Zn)	

**DERIVED FROM: Ureaform, Ammonium Sulfate, Monoammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Elemental Sulfur, Boric Acid, Copper EDTA, Iron EDTA, Manganese Sulfate, Sodium Molybdate, Zinc EDTA**

## NON PLANT FOOD INGREDIENTS:

**Humic Acids (derived from Leonardite) .....** **1%**

\*6.31% 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.**

## PRODUCT DESCRIPTION

Doggett's Palm 8-2-15 can be used on all palm varieties. Many palm species that are not native have special fertility needs and are more susceptible to developing nutrient deficiencies and diseases.

Doggett's Palm has been formulated and tested for low salts so that it will not injure palms. Be sure to follow all mixing instructions carefully.

**Established Palms:** The vast majority of palms are planted in sandy soils, which have a very low cation capacity. Established palms require fertilization a minimum of twice per year, ideally four times per year. Doggett's Palm has an ideal ratio of nitrogen to potassium, which is essential for healthy palms. Doggett's

Palm has a slow release nitrogen which is important to maintain a continuous release of Nitrogen and reduce leaching.

**8-2-15 Palm & Southern Ornamental Tree Fertilizer** is formulated for the professional arborist. Because of its high Ureaform content it does not dissolve completely, but with strong agitation remains in suspension. Over half of the Nitrogen is derived from Ureaform. This unique Ureaform fertilizer releases its available Nitrogen over the entire growing season. Any not released during the first season will carry over to the following year. Ureaform is non-leaching. Bacteria converts the more soluble fraction of the Nitrogen so that 1/3 is released in the first three to five weeks, the balance over 6 to 12 months.

## 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. DOGETT TREE FERTILIZER has a low salt index.

## Dilution Table

8-2-15 FERTILIZER	Water
15 lbs.	100 gallons
30 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 DOGETT'S PALM & SOUTHERN ORNAMENTAL TREE FERTILIZER. 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 2 1/2 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 1/2 ft spacing, this will apply 150 gallons of solution over 2000 sq. ft.

**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 (15 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 1/2 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.*