



8-2-12 DOGGETT'S PROFESSIONAL WATER SOLUBLE PALM FERTILIZER

with Stabilized Nitrogen Technology for Extended 10-12 week release

GUARANTEED ANALYSIS

Total Nitrogen (N)	8.0%
0.42% Nitrate Nitrogen	
7.58% Urea Nitrogen	
Available Phosphate (P ₂ O ₅) ...	2.0%
Soluble Potash (K ₂ O)	12.0%
Magnesium (Mg)	4.0%
Sulfur (S)	8.0%
8.0% Combined Sulfur(S)	
Secondary Elements	
Boron	0.01%
Copper (Cu)	0.05%
.05% Chelated Copper (Cu)	
Iron (Fe)	0.15%
.15% Chelated Iron (Fe)	
Manganese (Mn)	2.00%
2.0% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.15%
.15% Chelated Zinc (Zn)	

NUTRIENTS DERIVED FROM:

Urea, Potassium Nitrate, Magnesium Sulphate, Potassium Sulphate, Monopotassium Phosphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Zinc EDTA.

NON-PLANT FOOD INGREDIENTS:

Nitrogen Stabilizers at 0.40% per Total Wt.

PRODUCT DESCRIPTION

Doggett's Palm 8-2-12 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

10-12 week nitrogen release, which is important to maintain a continuous release of Nitrogen and reduce leaching.

Foliar Fertilization: Doggett's Palm can be used as a foliar supplemental program for normal soil fertilization. Foliar applications will correct deficiencies; however, soil fertilization will provide more long lasting results.

8-2-12 Water Soluble Palm Tree 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

8-2-12 Fertilizer	<u>WATER</u>
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'S 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 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 (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

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

NET WT. 20 LB.



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.