



Product Catalog

The Standard Since 1940



OUR FIRST INTRODUCTION TO THE TREE CARE INDUSTRY CAME AT A TIME WHEN THE INDUSTRY WAS VERY YOUNG.

We recognized early on that supplying trees with the essential elements was necessary to promote good tree health, and that tree fertilization was an integral part of the professional tree care industry. Through the years between 1940 and the present, we have manufactured the leading brands of fertilizers and kept ourselves current on tree nutrition and fertilization research. Not only do we strive for the optimum in formulating the finest product for the tree, but also to make the most suitable product for the tree care professional.

Our most recent line of professional tree fertilizers has set the standard for the industry. The leading tree care companies and horticultural institutions in the country turn to  **DOGGETT** when they are looking for the best in tree fertilizers.

*To those of you who know us and use our products, we thank you.
To those of you who are just learning about us for the first time, we welcome
you and know that you will find that these tree fertilizers are the finest made.*



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DOGGETT PROFESSIONAL TREE FERTILIZERS are manufactured
from the finest materials. Low salt formulations meeting ANSI standards.

Doggett Corporation has manufactured horticultural products since 1940. We pioneered the use of water soluble fertilizers and foliar feeding prior to WWII and have manufactured the leading consumer brands of water soluble fertilizers for other suppliers since that time. Our fertilizers are sold with a guarantee of satisfaction based on years of experience.

The information contained in this catalog is meant to serve as a guide in fertilization and general nutrition of trees and shrubs. The Doggett Corporation has firmly established itself as the leading producer of nutrition products for trees.

We design and sell tree and shrub fertilizers for soil injection and foliar applications, with most of our formulations containing a controlled release nitrogen source. This catalog will go into detail concerning these products, and other matters we concern ourselves with in the tree industry.



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**ALL FORMULATIONS ARE AVAILABLE
WITHOUT PHOSPHATES**

**PRESCRIPTION AND CUSTOM FORMULATIONS
ARE AVAILABLE TO FIT YOUR NEEDS**



32-7-7 DOGETT'S PROFESSIONAL SLOW RELEASE TREE FERTILIZER

GUARANTEED ANALYSIS

Total Nitrogen (N) **32.00%**

15.89% Urea Nitrogen

3.36% Other Water Soluble Nitrogen*

12.75% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... **7.00%**

Soluble Potash (K₂O) **7.00%**

Sulfur (S) **0.92%**

.92% Combined Sulfur (S)

Copper (Cu)..... **0.05%**

.05% Water Soluble Copper (Cu)

Iron (Fe) **0.10%**

.10% Chelated Iron (Fe)

Manganese (Mn) **0.05%**

.05% Water Soluble Manganese (Mn)

Zinc (Zn) **0.05%**

.05% Water Soluble Zinc (Zn)

DERIVED FROM: Ureaform, Urea, Monopotassium Phosphate, Sulfate of Potash, Copper Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate

NON PLANT FOOD INGREDIENTS:

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

*16.11% 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.

32-7-7 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 in DOGETT TREE FERTILIZER 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 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.

DOGETT TREE FERTILIZER is a combination of Ureaform and other selected raw materials to produce the highest analysis, best performing, slow release, low salt, injectable tree fertilizer available.

AUTUMN FEEDING

When we do not wish to promote soft growth late in the season, but wish to feed the tree for a good wintering and a strong start in the spring, we suggest that you use our DOGETT TREE FERTILIZER FALL FORMULATION 12-24-24, with available phosphate and potassium.

Dilution Table

32-7-7 FERTILIZER	Water
15 lbs.	100 gallons
30 lbs.	200 gallons
75 lbs.	500 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 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 ½ ft. apart, injecting on a grid extending beyond the dripline. Apply 150 gallons to each 2,000 sq. ft. 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 2,000 square feet which contains 7.2 pounds of N or 3.6 pounds N per 1,000 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 (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 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 5gallons = 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.



32-0-7 DOGETT'S PROFESSIONAL SLOW RELEASE TREE FERTILIZER

GUARANTEED ANALYSIS

Total Nitrogen (N)	32.00%
15.89% Urea Nitrogen	
3.36% Other Water Soluble Nitrogen*	
12.75% Water Insoluble Nitrogen*	
Soluble Potash (K₂O)	7.00%
Sulfur (S)	2.46%
2.46% Combined Sulfur (S)	
Copper (Cu)	0.05%
.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
.05% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
.05% Water Soluble Zinc (Zn)	

DERIVED FROM: Ureaform, Urea, Sulfate of Potash, Copper Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate

NON PLANT FOOD INGREDIENTS:

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

*16.11% 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.

32-0-7 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 in DOGETT TREE FERTILIZER 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 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.

DOGETT TREE FERTILIZER is a combination of Ureaform and other selected raw materials to produce the highest analysis, best performing, slow release, low salt, injectable tree fertilizer available.

AUTUMN FEEDING

When we do not wish to promote soft growth late in the season, but wish to feed the tree for a good wintering and a strong start in the spring, we suggest that you use our DOGETT TREE FERTILIZER FALL FORMULATION 12-24-24, with available phosphate and potassium.

Dilution Table

32-0-7 FERTILIZER	Water
15 lbs.	100 gallons
30 lbs.	200 gallons
75 lbs.	500 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 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 ½ ft. apart, injecting on a grid extending beyond the dripline. Apply 150 gallons to each 2,000 sq. ft. 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 2,000 square feet which contains 7.2 pounds of N or 3.6 pounds N per 1,000 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 (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 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 5gallons = 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.



12-24-24 DOGETT'S PROFESSIONAL FALL TREE FERTILIZER

GUARANTEED ANALYSIS

Total Nitrogen (N) **12.0%**

5.68% Urea Nitrogen

1.32% Other Water Soluble Nitrogen*

5.00% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... **24.0%**

Soluble Potash (K₂O) **24.0%**

Sulfur (S) **2.96%**

2.96% Combined Sulfur (S)

Copper (Cu)..... **0.05%**

.05% Water Soluble Copper (Cu)

Iron (Fe) **0.10%**

.10% Chelated Iron (Fe)

Manganese (Mn) **0.05%**

.05% Water Soluble Manganese (Mn)

Zinc (Zn) **0.05%**

.05% Water Soluble Zinc (Zn)

DERIVED FROM: Ureaform, Urea, Monopotassium Phosphate, Sulfate of Potash, Copper Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate

NON PLANT FOOD INGREDIENTS:

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

*6.32% 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.

12-24-24 FALL 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 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.

LATE SUMMER AND FALL FEEDING

Early spring and summer are the ideal times to fertilize trees as they have the entire growing season to develop. However, this is also the busy spraying time so that it is not always possible to feed then. Late summer and fall are an excellent time to feed. We know that root growth is most vigorous into late fall and early winter and fertilizer applied during this period is very beneficial to the tree. Any fertilizer not used at this time will be available when growth begins in the spring. Since we do not wish to stimulate soft growth late in the season, but wish to feed the tree for a good wintering and a strong start in the spring, low nitrogen formulas are recommended. FALL TREE FERTILIZER 12-24-24 is formulated specifically for late summer and fall use.

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

FALL FERTILIZER	Water
15 lbs.	100 gallons
30 lbs.	200 gallons
75 lbs.	500 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 TREE FERTILIZER. Soil injection should be 4 to 6 inches deep using an injector probe at 150 to 200 PSI.

We recommend that you apply 2 to 3 pounds of actual Phosphate (P₂O₅) and Potash (K₂O) per 1,000 sq. ft. injected into this area.

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 2,000 square feet which provides 1.35 lbs. of Nitrogen, 2.7 lbs. of Phosphate and 2.7 lbs. of Potash per 1,000 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 (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 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 5gallons = 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.



30-7-10 DOGETT'S PROFESSIONAL EVERGREEN SPECIAL

GUARANTEED ANALYSIS

Total Nitrogen (N) 30.0%

19.89% Urea Nitrogen

2.11% Other Water Soluble Nitrogen*

8.00% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... 7.0%

Soluble Potash (K₂O) 10.0%

Sulfur (S) 1.91%

1.91% Combined Sulfur (S)

Copper (Cu)..... 0.05%

.05% Water Soluble Copper (Cu)

Iron (Fe) 0.18%

.18% Chelated Iron (Fe)

Manganese (Mn) 0.05%

.05% Water Soluble Manganese (Mn)

Zinc (Zn) 0.05%

.05% Water Soluble Zinc (Zn)

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

NON PLANT FOOD INGREDIENTS:

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

*10.11% 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.

EVERGREEN SPECIAL 30-7-10 is formulated for the professional arborist. Because of its high Ureaform content it does not dissolve completely, but stays in suspension with good agitation. Over 1/3 of the nitrogen in EVERGREEN 30-7-10 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.

EVERGREEN SPECIAL 30-7-10 is formulated for shrubs & trees that require high acid soil and extra quantities of iron. It can be injected around individual trees and shrubs or throughout a foundation bed planting.

LOW SALT INDEX

The lower the salt index per unit of plant nutrient in each ingredient of the fertilizer, the less the risk of plant injury in periods of drought or with localized placement of concentrated fertilizer. EVERGREEN SPECIAL has a salt index of 35.

Dilution Table

EVERGREEN SPECIAL	Water
15 lbs.	100 gallons
30 lbs.	200 gallons
75 lbs.	500 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 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 ½ ft. apart, injecting on a grid extending beyond the dripline. Apply 150 gallons to each 2,000 sq. ft. 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 2,000 square feet which provides 3.4 lbs. Nitrogen per 1,000 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 (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 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.



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

Total Nitrogen (N)	15.0%
2.47% Urea Nitrogen	
2.53% Other Water Soluble Nitrogen*	
10.00% Water Insoluble Nitrogen*	
Available Phosphate (P₂O₅)	15.0%
Soluble Potash (K₂O)	20.0%
Sulfur (S)	3.61%
3.61% Combined Sulfur (S)	
Copper (Cu)	0.05%
.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
.05% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
.05% Water Soluble Zinc (Zn)	

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 ½ 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.



20-7-10 BASIC BALANCE

FOR CORRECTING HIGH PH SOILS IN COMBINATION WITH FERTILIZER. A GOOD GENERAL PURPOSE FORMULATION FOR AREAS WITH ALKALINE SOILS.

Contains slow release N. Elemental sulfur to reduce pH and condition the soil. A high percentage of both FEDTA and FEDDHA iron to correct iron chlorosis. Recommended for soils with pH 7 and higher.

GUARANTEED ANALYSIS

Total Nitrogen (N) 20.0%

4.43% Ammoniacal Nitrogen

2.94% Urea Nitrogen

2.63% Other Water Soluble Nitrogen*

10.00% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... 7.0%

Soluble Potash (K₂O) 10.0%

Magnesium (Mg) 3.0%

3.0% Water Soluble Magnesium (Mg)

Sulfur (S) 12.0%

12.0% Combined Sulfur (S)

Iron (Fe) 0.4%

.3% EDTA Chelated Iron (Fe)

.1% EDDHA Chelated Iron (Fe)

DERIVED FROM: Ureaform, Ammonium Sulfate, Urea, Sulfate of Potash, Magnesium Oxide, Elemental Sulfur, Iron EDTA, Iron EDDHA

NON PLANT FOOD INGREDIENTS:

Humic Acids (derived from Leonardite) 2%

*12.63% 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.

DOGGETT'S BASIC BALANCE is formulated for the professional. Because of its slow release N content, and the elemental sulfur, it does not dissolve completely, but with a strong agitation remains in suspension. Therefore it should be used with power spraying equipment with good agitation.

APPLICATION

Injection holes should be 4 to 6 inches deep starting out from the main trunk or stem, and then spaced approximately 3 ft. apart on a grid or in concentric circles. A site judgement should be made to determine what the entire root area (injection area) should be, however, a rule of thumb would be 150 gals over 2000 sq. ft.

Dilution Table

Lbs. of Basic Balance	per gals. of water
15	100
30	200
75	500

Following the grid method outlined you should inject 16 oz. of fertilizer solution at each point.

TO CALIBRATE

We suggest that you discharge your tree feeding needle into a measured vessel noting the time it takes to discharge 16 ozs. This will probably take approx. 3 seconds. Use the same count and cadence when injecting into the soil.

TRUNK DIAMETER RATE OF APPLICATION

Use same dilution rates shown in table. Apply the dilute solution at the rate of 5 Gals. per inch trunk diameter (DBH). Using the grid or concentric circle technique, inject 75 gals. per 1,000 sq. ft.

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.



12-0-5 DOGETT'S ORGANIC NATURAL RESOURCE PLUS

AN ORGANIC BASED FERTILIZER FOR TREES AND SHRUBS

*An organic based fertilizer and soil supplement for trees, shrubs, and other landscape plantings.
The very finest in necessary ingredients for optimal results. Humates, Microorganisms and Mycorrhizae.
No phosphorous, extremely low salt index. DOGETT'S NATURAL RESOURCE PLUS is safe in every way.*

GUARANTEED ANALYSIS

Total Nitrogen (N)	12.0%
11.0% Water Insoluble Nitrogen*	
1.0% Other Water Soluble Nitrogen*	
Soluble Potash (K₂O)	5.0%
Magnesium (Mg)	0.3%
Sulfur (S)	2.18%
2.18% Combined Sulfur (S)	
Iron (Fe) EDTA	0.7%
.7% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
.05% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
.05% Water Soluble Zinc (Zn)	

DERIVED FROM: Blood Meal, Potassium Sulfate, Magnesium Sulfate, Iron EDTA, Manganese Sulfate, Zinc Sulfate

*12.2% Slowly Available Nitrogen from Blood Meal

NON PLANT FOOD INGREDIENTS:

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

Soil Supplement Ingredients:

49 million cfu/lb. *bacillus pumilus*
49 million cfu/lb. *bacillus amyloliquefaciens*
49 million cfu/lb. *bacillus megaterium*
49 million cfu/lb. *bacillus subtilis*
49 million cfu/lb. *bacillus licheniformis*

Mychorrhizae ENDO:

Glomus intraradices, glomus mosseae, glomus aggregatum, glomus etunicatum 5,000 propagules per pound

Mychorrhizae ECTO:

Rhizopogon villosulus, rhizopogon luteolus, rhizopogon amylopogon, rhizopogon fulvigleba 5,500,000 propagules per pound

NET WT. 25 LB.

MIXING AND USE INSTRUCTIONS

Mix 25 lbs of Doggett's Natural Resource Plus into 100 Gallons of Water.

Good tank agitation is advised. Pre-hydration may make mixing easier. A wetting agent may improve the mix blend.

APPLICATION

Apply only as directed, or according to individual recommendations in your approved nutrient management plan.

Soil inject ½ gallon per injection site on a grid of 3 ft X 3 ft spacing, or in concentric circles with the same spacing.

Site conditions will vary, so a judgement should be made accordingly as to the location of the majority of feeder roots. As a guide, start a little out from the visible root flare, extending to just outside the dripline.

Soil conditions will also vary from site to site, so vary the depth of your injection accordingly. As a guide, most of the fine feeder roots of trees, shrubs and landscape plantings are within the top 6" of soil. Generally, you should not need to inject more than 12" to get a good saturation of the feeder root area.

For mulch beds and soil areas without competing ground cover, it is possible to do a soil drench. Please note that because of the live microorganisms and mycorrhizae it is optimal to get this product incorporated into the soil profile.

Must have good agitation for mixing.

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.



10-22-22 TREE ROOTER

A PROFESSIONAL PLANTING AND TRANSPLANT FORMULATION

ALL THE ESSENTIAL ELEMENTS TO REDUCE SHOCK AND PROMOTE ROOT GROWTH AND ESTABLISHMENT

GUARANTEED ANALYSIS

Total Nitrogen (N)	10.00%
2.42% Urea Nitrogen	
1.58% Other Water Soluble Nitrogen*	
6.00% Water Insoluble Nitrogen*	
Available Phosphate (P₂O₅)	22.00%
Soluble Potash (K₂O)	22.00%
Sulfur (S)	2.70%
2.70% Combined Sulfur (S)	
Copper (Cu)	0.05%
.05% Water Soluble Copper (Cu)	
Iron (Fe)	0.10%
.10% Chelated Iron (Fe)	
Manganese (Mn)	0.10%
.10% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
.05% Water Soluble Zinc (Zn)	

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

NON PLANT FOOD INGREDIENTS:

Humic Acids (derived from Leonardite) 1%

*7.58% 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>

TREE ROOTER MIXING AND APPLICATION

TREE ROOTER is a unique formulation designed for direct application to the root ball or bare root of new plantings or transplantings to reduce shock and promote a good healthy start. The combination of organic and synthetic components of TREE ROOTER is blended specifically for maximum results in a safe localized application.

MIXING INSTRUCTIONS

TREE ROOTER should be pre-mixed into a concentrated solution and applied prior to filling in the planting hole. The solution should be applied at a rate of three to four pounds of actual phosphorous and actual potassium. To achieve this, TREE ROOTER should be mixed at 1 lb. in 5 gallons of water. Please stir or agitate the solution for three to five minutes to insure total hydration and mixing of ingredients. It is ideal to apply the solution as you are stirring, as this enables the insoluble particles to spread uniformly over the area of application.

Balled and Burlap: At the rate of 1 lb. per 5 gallons, soak the balled tree root area while in the planting hole. Apply the solution slowly for maximum absorption and allow to flood around the base. The area should be well soaked and watered in after backfill.

Bare-Root: Place the tree or shrub firmly into a large planting hole, combing the roots gently with your fingers toward the outside of the hole. Begin back-filling with a fine mulch or peat moss, covering the majority of the root area. Apply TREE ROOTER solution at the 1 lb. in 5 gallons rate, saturating the root area and planting hole. Complete backfill and water in well.

Follow same directions for spade dug trees. Please keep new plantings well watered.

NET WT. 25 LB.

- A sensible blend of organic and inorganic elements
- Slow release nitrogen for a steady supply of the most needed nutrients
- Phosphorous and potassium, the essential elements for root growth in their most available form
- Organic humic acid which improves nutrient uptake and buffers the plant
- Organic bone meal which is a good source of root promoting phosphorous and improves soil texture
- Iron, copper, manganese, and zinc essential for energy transfer

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.



5-30-30 DOGETT'S PROFESSIONAL ROOT PUSHER TREE FOOD

GUARANTEED ANALYSIS

Total Nitrogen (N) **5.00%**

1.84% Urea Nitrogen

0.66% Other Water Soluble Nitrogen*

2.50% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... **30.00%**

Soluble Potash (K₂O).....**30.00%**

Sulfur (S) **3.63%**

3.63% Combined Sulfur (S)

Copper (Cu)..... **0.05%**

.05% Water Soluble Copper (Cu)

Iron (Fe) **0.10%**

.10% Chelated Iron (Fe)

Manganese (Mn) **0.05%**

.05% Water Soluble Manganese (Mn)

Zinc (Zn) **0.05%**

.05% Water Soluble Zinc (Zn)

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

NON PLANT FOOD INGREDIENTS:

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

*3.16% 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.

5-30-30 ROOT PUSHER 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.

LATE SUMMER AND FALL FEEDING

Early spring and summer are the ideal times to fertilize trees as they have the entire growing season to develop. However, this is also the busy spraying time so that it is not always possible to feed then. Late summer and fall are an excellent time to feed.

We know that root growth is most vigorous into late fall and early winter and fertilizer applied during this period is very beneficial to the tree. Any fertilizer not used at this time will be available when growth begins in the spring. Since we do not wish to stimulate soft growth late in the season but wish to feed the tree for a good wintering and a strong start in the spring, low nitrogen formulas are recommended. 5-30-30 ROOT PUSHER is formulated specifically for late summer and fall use.

Dilution Table

ROOT PUSHER	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 ROOT PUSHER. Soil injection should be 4 to 6 inches deep using an injector probe at 150 to 200 PSI.

We recommend that you apply 3 to 4 pounds of actual Phosphate (P₂O₅) and Potash (K₂O) per 1,000 sq. ft. injected into this area.

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.

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 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.



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

WITH NON-LEACHING, SLOW RELEASE NITROGEN & HUMATES

GUARANTEED ANALYSIS

Total Nitrogen (N) 8.0%

1.16% Ammoniacal Nitrogen
0.53% Urea Nitrogen
1.31% Other Water Soluble Nitrogen*
5.00% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅)..... 2.0%

Soluble Potash (K₂O) 15.0%

Magnesium (Mg) 4.0%

Sulfur (S) 12.0%

12.0% Combined Sulfur (S)

Boron (B) 0.15%

Copper (Cu) 0.05%

.05% Chelated Copper (Cu)

Iron (Fe) 1.00%

1.00% Chelated Iron (Fe)

Manganese (Mn) 1.00%

1.00% Water Soluble Manganese (Mn)

Molybdenum (Mo) 0.0005%

Zinc (Zn) 0.15%

.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 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 (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 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.



8-2-15 SLOW RELEASE SOLUBLE PALM FERTILIZER W/SNT

STABILIZED NITROGEN TECHNOLOGY FOR EXTENDED 10-12 WEEK RELEASE

GUARANTEED ANALYSIS

Total Nitrogen (N)	8.0%
8.0% Urea Nitrogen*	
Available Phosphate (P₂O₅)	2.0%
Soluble Potash (K₂O)	15.0%
Magnesium (Mg)	4.0%
Sulfur (S)	12.0%
12.0% Combined Sulfur(S)	
Boron	0.15%
Copper (Cu)	0.05%
.05% Chelated Copper (Cu)	
Iron (Fe)	1.50%
1.50% Chelated Iron (Fe)	
Manganese (Mn)	2.00%
2.0% Water Soluble Manganese (Mn)	

*8% nitrogen stabilized with Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.15%
0.15% Chelated Zinc (Zn)	

DERIVED FROM: Urea, Monopotassium 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%
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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.

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

8-2-15 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

8-2-15 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'S WATER SOLUBLE PALM 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 2½ 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 2½ 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.



11-22-22 SLOW RELEASE SOLUBLE ORGANIC HYBRID FERTILIZER W/SNT

STABILIZED NITROGEN TECHNOLOGY FOR EXTENDED 10-12 WEEK RELEASE

GUARANTEED ANALYSIS

Total Nitrogen (N)	11.00%
2.1% Ammoniacal Nitrogen*	
2.0% Nitrate Nitrogen	
6.9% Urea*	
Available Phosphate (P₂O₅)	22.00%
Soluble Potash (K₂O)	22.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0009%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

MICROORGANISMS

Total CFU Bacillus	400,000 CFU/gram
Bacillus subtilis	40,000 CFU/gram
Bacillus licheniformis	140,000 CFU/gram
Bacillus amyloliquefaciens	140,000 CFU/gram
Bacillus megaterium	40,000 CFU/gram
Bacillus pumilus	40,000 CFU/gram
Trichoderma hamatum	440 CFU/gram

DERIVED FROM: Urea, Ammonium Sulphate, Potassium Nitrate, Monopotassium Phosphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA

NON PLANT FOOD INGREDIENTS:

Humic Acids (derived from Leonardite)	2.0%
Sea Kelp Extract (derived from Leonardite)	2.0%
Maltodextrin (derived from Leonardite)	0.5%
Dextrose (derived from Leonardite)	0.5%
Malt Extract (derived from Leonardite)	0.5%

* 9.0% nitrogen stabilized with Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

NET WT. 4 LB.

CASE PACK: 40 LB. (10 X 4 LB.)

APPLICATION FOR TREES

CROWN SPREAD TECHNIQUE (concentric circles)

Inject 150 gallons over 2,000 square feet. Space injection points at 2½ sq. ft. intervals, starting well out from the trunk and extending well beyond the dripline in unencumbered soils.

Mix 4-8 lbs. of 11-22-22 with water and inject into the soil to a depth of 4 to 6 inches. Start injections immediately past the root flare, being careful to avoid damage to large woody roots. Where possible, injections should cover the entire area beneath the canopy and just beyond the drip line.

STANDARD INJECTION RATE

Mix 4-8 lbs. 11-22-22 per 100 gallons water. Inject 100 gal per 1,000 sq. ft. (2 quarts per injection on 2 ½ foot centers) or 5 gal per inch DBH (diameter at breast height).

SOIL DRENCH

Mix 4-8 lbs. 11-22-22 per 100 gallons water. Drench the entire area beneath the canopy. For established trees apply 100 gal per 1,000 sq. ft. For container trees apply ¼ of container volume.

GOLF AND LAWN CARE MAINTENANCE

Application	Rate	Water Volume	Application Method	Coverage
Greens & Tees	4 lb.	50 Gallons	Soil Spray	Acre
Lawns	1 lb.	50 Gallons	Soil Spray	10,000 sq. ft.
At Seeding	1 lb.	50 Gallons	Soil Spray	10,000 sq. ft.
Hydroseeding	5 lb.	50 Gallons	Soil Application	10,000 sq. ft.
At Sod	5 lb.	50 Gallons	Soil Drench	Acre

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.



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

STABILIZED NITROGEN TECHNOLOGY FOR EXTENDED 10-12 WEEK RELEASE

GUARANTEED ANALYSIS

Total Nitrogen (N)	20.0%
4.0% Ammoniacal Nitrogen*	
16.0% Urea Nitrogen*	
Soluble Potash (K₂O)	10.0%
Magnesium (Mg)	3.00%
3.00% Water Soluble Magnesium (Mg)	
Sulfur (S)	12.33%
12.33% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	1.00%
1.00% Chelated Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Copper (Cu)	

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.



25-0-10-11S SLOW RELEASE SOLUBLE TREE & SHRUB FERTILIZER FOR HIGH pH SOILS W/SNT

STABILIZED NITROGEN TECHNOLOGY FOR EXTENDED 10-12 WEEK RELEASE

GUARANTEED ANALYSIS

Total Nitrogen (N)	25.0%
3.63% Ammoniacal Nitrogen*	
21.37% Urea Nitrogen*	
Soluble Potash (K₂O)	10.0%
Magnesium (Mg)	2.00%
2.00% Water Soluble Magnesium (Mg)	
Sulfur (S)	10.99%
10.99% Combined Sulfur (S)	
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron EDTA (Fe)	0.15%
0.15% Chelated Iron (Fe)	
Iron EDDHA (Fe)	0.05%
0.05% Chelated Iron (Fe)	
Manganese (Mn)	1.00%
1.00% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

DERIVED FROM: Urea, Ammonium Sulfate, Sulfate of Potash, Magnesium Sulfate, Copper EDTA, Iron EDTA & EDDHA, Manganese Sulfate, Zinc EDTA

*25% 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.

25-0-10-11S 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.

25-0-10-11S is for correcting high pH soils in combination with fertilizer. It's a good general purpose formulation for areas with Alkaline soils. Contains high sulfur content to reduce pH and condition the soil. A high percentage of both FEDTA and FEDDHA iron to correct iron chlorosis. Recommended for soils with pH 7 and higher.

Dilution Table

25-0-10 Fertilizer	WATER
10 lbs.	100 gallons
20 lbs.	200 gallons

LOW SALT INDEX: DOGETT'S WATER SOLUBLE FERTILIZER FOR HIGH pH SOILS has a low salt index.

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 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 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.



XL 30-10-10 SPRAY-FOL™

FOLIAR FERTILIZER

FEED AND SPRAY AT SAME TIME

COMPATIBLE WITH MOST FUNGICIDES AND INSECTICIDES

GUARANTEED ANALYSIS

Total Nitrogen (N) 30.0%

2.2% Ammoniacal Nitrogen

4.0% Nitrate Nitrogen

23.8% Urea Nitrogen

Available Phosphate

(P₂O₅)..... 10.0%

Soluble Potash (K₂O) ... 10.0%

Sulfur (S) 0.27%

0.27% Combined Sulfur (S)

Copper (Cu) 0.03%

0.03% Chelated Copper (Cu)

Iron (Fe) 0.05%

0.05% Chelated Iron (Fe)

Manganese (Mn) 0.03%

0.03% Chelated Manganese (Mn)

Zinc (Zn) 0.03%

0.03% Chelated Zinc (Zn)

DERIVED FROM:Ammonium Sulfate, Urea, Potassium Nitrate, Monoammonium Phosphate, Copper EDTA, Iron EDTA, Manganese EDTA, Zinc EDTA

NET WT. 40 LB.

XL SPRAY-FOL™ 30-10-10 is formulated for the professional arborist to use as a foliar feeding spray. It can be used by itself or in conjunction with regular applications of insecticides or fungicides.

COMPATIBILITY

XL SPRAY-FOL™ 30-10-10 is 100% water soluble and is compatible with all the common insecticides and fungicides used by the professional arborist today. It is not recommended for use with Bordeaux, Dinitro compounds, spray lime, or other highly alkaline materials.

APPLICATION

XL SPRAY-FOL™ should be applied with every spray application during the growing season. XL SPRAY-FOL™ will improve the health and appearance of trees and shrubs by supplying plant foods that can be absorbed through the foliage when it is applied alone or in conjunction with your regular spray.

Dilution Table

Lbs. of XL SPRAY-FOL	per gals. of water
1/2	25
2	100
4	200
12	600

When using XL SPRAY-FOL™ in combination with insecticides and fungicides always prepare the solution or suspension of the chemicals first and then add the XL SPRAY FOL™ as the last ingredient. Make application when good drying conditions prevail.

FOLIAR FEEDING SHADE AND FRUIT TREES, SHRUBS AND EVERGREENS

Foliar feeding during the growing season is a proven method for increasing the quality of fruit, stimulating growth, and improving the appearance of the tree or shrub. Two pounds of XL SPRAY-FOL™ 30-10-10 per 100 gals. of water or insecticide or fungicide solution gives fast and noticeable improvement. Apply as you do a normal spray covering all bark and foliage.

Foliar feeding cannot supply all the ingredients necessary over an entire growing season. We consider it as a supplement to your regular Injecto Feed program.

STRESS AND DAMAGED TREES

XL SPRAY-FOL™ is particularly effective when combined with spray applications on elm trees. It should be applied when the new leaves are partially out and when they are fully developed. Application in conjunction with gypsy moth sprays will stimulate new growth to replace insect damage.

SHRUBS AND EVERGREEN BEDS

Apply 2 lbs. of XL SPRAY-FOL™ per 100 gals. of water to 1000 sq. ft. of bed area. Apply every 2 or 3 weeks, or as soil test or plants indicate need. Discontinue applications during late summer to allow new growth to harden before the onset of cold weather.

ROOT FEEDING SHADE TREES AND LARGE EVERGREENS

Inject with a tree feeding needle into soil under branch area and extending two feet beyond, 5 gals. of solution per inch of trunk diameter. Use 2 to 3 lbs. of XL SPRAY-FOL™ 30-10-10 per 100 gallons of water. Space injection points at 2-1/2 ft. intervals, starting 2 ft. from trunk and extending 2 ft. beyond drip line.

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.



XL 20-20-20

SOLUBLE FERTILIZER CONCENTRATE

GENERAL PURPOSE FORMULA

GUARANTEED ANALYSIS

Total Nitrogen (N) 20.0%

3.93% Ammoniacal Nitrogen

5.85% Nitrate Nitrogen

10.22% Urea Nitrogen

Available Phosphate

(P₂O₅)..... 20.0%

Soluble Potash (K₂O) ... 20.0%

Sulfur (S) 0.03%

.03% Combined Sulfur (S)

Copper (Cu)..... 0.05%

.05% Chelated Copper (Cu)

Iron (Fe) 0.10%

.10% Chelated Iron (Fe)

Manganese (Mn) 0.05%

.05% Chelated Manganese (Mn)

Molybdenum (Mo)..... 0.001%

Zinc (Zn) 0.05%

.05% Chelated Zinc (Zn)

DERIVED FROM: Potassium Nitrate, Urea, Monoammonium Phosphates, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA

NET WT. 25 LB.

XL 320 is a soluble fertilizer concentrate formulated to be dissolved in water and applied as a nutrient solution. XL 320 nutrient solution is immediately available to the roots and leaves of plants and thus provides simple and positive growth control.

METHOD OF USE

Conventional Method: Apply XL 320 nutrient solution to the root area at regular intervals during the growing season. The number of gallons applied each time is equivalent to a normal watering rate.

Constant Feeding: A refinement of the conventional method which has become increasingly popular because it avoids fluctuations in available plant food levels in the soil and produces more regular development and earlier harvests. With this method small quantities of XL 320 are fed

with each watering in place of periodic feedings at conventional rate.

Foliar Feeding: Applying XL 320 nutrient solution in a fine spray to the foliage either alone or in conjunction with insecticides or fungicides. Foliar feeding is particularly valuable for supplementing other types of fertilization or for promoting growth during adverse soil, moisture or temperature conditions when other means would be ineffective or uneconomical.

APPLICATION

Conventional Method

Standard Dilution Table

XL 320	Gallons of Water	Area Treated
1 level tbs.	1	4 sq. ft.
5 level tbs.	5	20 sq. ft.
8 oz.	25	100 sq. ft.
2 lbs.	100	400 sq. ft.

GREENHOUSE USE

For roses, carnations, antirrhinum, chrysanthemums and foliage plant material, apply XL 320 at the standard dilution rate every 2—3 weeks during the growing season or as plants or soil tests indicate need. For tender plants such as begonias and Saintpaulias, use half strength nutrient solutions every 2 weeks or as plants or soil tests indicate.

BULBS

Saturate soil or sand with XL 320 standard nutrient solution when planting and continue at monthly intervals or as needed.

TRANSPLANT USE

Drench soil around newly moved plants or shrubs with XL 320 standard nutrient solution to reduce shock.

VEGETABLE AND FLOWER GARDENS

Apply at the standard dilution rate every 2 weeks during the growing season or as needed. It is preferable to make application when the soil is moist to assure maximum penetration to the roots.

SHADE AND FRUIT TREES

Inject with a tree feeding needle into the soil under the branch area, 5 gals. of XL 320 nutrient solution per inch of trunk diameter. Use 2-1/2 to 5 lbs. of XL 320 per 100 gals. of water depending on need and weather conditions.

Constant Feeding Method: When XL 320 is applied at every watering the dosage requirements will vary between 100 and 200 parts per million of NPK depending on soil requirements and plant growth desired. Normally 1/2 gal. of nutrient solution per sq. ft. is considered the correct coverage.

Constant Feeding Table: Inject amount of XL 320 per 10 gallons of concentrate

Ratio	100 ppm	150 ppm	200 ppm
1:50	2 lbs.	3 lbs.	4 lbs.
1:100	4 lbs.	6 lbs.	8 lbs.
1:150	6 lbs.	9 lbs.	12 lbs.
1:200	8 lbs.	12 lbs.	16 lbs.

Foliar Feeding Method: XL 320 is compatible with most common insecticides and fungicides including DDT, Lindane, Ferbam, Malathion, Parathion, Methoxychlor, Sevin, Rotenone, Zineb and Maneb. It is not recommended for use with Arsenate of Lead, Bordeaux, Dinitro Compounds, Spray Lime or other highly alkaline materials. Because local conditions, crops and available chemical differ so widely, a small scale test should always be made before undertaking large scale operations. Check with state or local agricultural authorities for assistance. When using XL 320 in combination with insecticides or fungicides always prepare first the solution or suspension of the chemicals and then add the XL 320 as the last ingredient. Apply immediately and use up the entire tankful at one time as prolonged standing could cause a chemical reaction. Foliar Feeding Dilution rate: 2 to 5 lbs. per 100 gallons of water. Make application when good drying conditions prevail and when soil moisture is adequate.

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.



20-0-6 ARBOR LIQUID FERTILIZER

SLOW RELEASE • 100% SOLUBLE LIQUID CONCENTRATE

GUARANTEED ANALYSIS

Total Nitrogen (N)	20.0%
10.0% Urea Nitrogen	
10.0% Slowly Available Water Soluble Nitrogen*	
Soluble Potash (K₂O)	6.0%
Copper (Cu)	0.03%
0.03% Chelated Copper (Cu)	
Iron (Fe)	0.06%
0.06% Chelated Iron (Fe)	
Manganese (Mn)	0.03%
0.03% Chelated Manganese (Mn)	
Zinc (Zn)	0.03%
0.03% Chelated Zinc (Zn)	

DERIVED FROM: Urea-Triazone, Urea, Potassium Carbonate, Potassium Thiosulfate, Copper EDTA, Iron EDTA, Manganese EDTA, Zinc EDTA

*10% Slowly Available Nitrogen from Urea-Triazone

2 x 2.5 GAL JUG/CASE: NET WT. 52.5 LB.
30 GALLON DRUM, 270 GALLON TOTE
KEEP FROM FREEZING

A specialty fertilizer blended specifically for application on trees and ornamentals in the practice of professional arboriculture.

A true concentrated liquid for easy mixing & application. For root injection, soil drench, or foliar spray application. This solution has a low salt index and is compatible with fungicides & pesticides.

MIXING RATES

1.25 gallons (1/2 jug) 100 gallons
2.5 gallons (1 jug) 200 gallons
5 gallons (2 jugs) 400 gallons

APPLICATION RATES

90% of feeder roots are in the top 12 inches of soil with the majority in the first 6 inches. Start your application approximately 2 to 4 feet from the root flare and extend to beyond the drip line. The soil should be inoculated with a root probe going 4 to 6 inches deep from a power rig set at approximately 150 to 200 PSI, depending upon the porosity or density of the soil. The root area of the tree should be injected in a grid or in concentric circles spacing 3 feet apart. Inject approximately ½ gallon of solution per injection site. Based on the 3 feet spacing this should put around 150 gallons over 2,000 sq. ft. Site and soil conditions vary, so adjust your application accordingly. Shake before using.

TRUNK RATE OF APPLICATION

Apply the solution at a rate of 5 gallons per inch of trunk diameter.



6-12-12 FALL ARBOR LIQUID FERTILIZER

SLOW RELEASE • 100% SOLUBLE LIQUID CONCENTRATE

GUARANTEED ANALYSIS

Total Nitrogen (N)	6.0%
1.50% Ammoniacal Nitrogen	
3.00% Urea Nitrogen	
1.50% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P₂O₅)	12.0%
Soluble Potash (K₂O)	12.0%
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

DERIVED FROM: Urea Triazone, Urea, Potassium Carbonate, Ammonium Phosphate, Iron EDTA, Manganese EDTA, Zinc EDTA

*1.5% Slowly Available Nitrogen from Urea-Triazone

2 x 2.5 GAL JUG/CASE: NET WT. 52.5 LB.
30 GALLON DRUM, 250 GALLON TOTE
KEEP FROM FREEZING

A specialty fertilizer blended specifically for application on trees and ornamentals in the practice of professional arboriculture.

A true concentrated liquid for easy mixing & application. For root injection, soil drench, or foliar spray application. This solution has a low salt index and is compatible with fungicides & pesticides.

MIXING RATES

1.25 gallons (1/2 jug) 100 gallons
2.5 gallons (1 jug) 200 gallons
5 gallons (2 jugs) 400 gallons

APPLICATION RATES

90% of feeder roots are in the top 12 inches of soil with the majority in the first 6 inches. Start your application approximately 2 to 4 feet from the root flare and extend to beyond the drip line. The soil should be inoculated with a root probe going 4 to 6 inches deep from a power rig set at approximately 150 to 200 PSI, depending upon the porosity or density of the soil. The root area of the tree should be injected in a grid or in concentric circles spacing 3 feet apart. Inject approximately ½ gallon of solution per injection site. Based on the 3 feet spacing this should put around 150 gallons over 2,000 sq. ft. Site and soil conditions vary, so adjust your application accordingly. Shake before using.

TRUNK RATE OF APPLICATION

Apply the solution at a rate of 5 gallons per inch of trunk diameter.

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.



SUPER-MICRO MIX

LIQUID CONCENTRATE FOR ARBOR, TURF & ORNAMENTAL

GUARANTEED ANALYSIS

Magnesium (Mg)	1.00%
Sulfur (S)	3.50%
3.50% Combined Sulfur (S)	
Boron (B)	0.02%
Copper (Cu)	0.25%
0.25% Chelated Copper (Cu)	
Iron (Fe)	4.00%
4.00% Chelated Iron (Fe)	
Manganese (Mn)	1.00%
1.00% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.005%
Zinc (Zn)	0.60%
0.60% Chelated Zinc (Zn)	

DERIVED FROM: Magnesium Sulfate, Boric Acid, Copper Glucoheptonate, Iron Glucoheptonate, Manganese Glucoheptonate, Sodium Molybdate, Zinc Glucoheptonate

Net Weight:

Jug: 26 lbs. (12.25 kg)

Case: 2x2.5: 54 lbs. (24.50 kg)

Net Contents:

Jug: 2.5 gal (9.46 liters)

Case: (2x2.5) 5 gal (18.92 liters)

WARNING

May be harmful if swallowed. May be harmful in contact with skin. Causes serious eye irritation. Causes mild skin irritation. May cause damage to aquatic life. May be harmful if inhaled. May cause damage to organs through repeated ingestion.

GENERAL INFORMATION

SUPER-MICRO MIX is a liquid formulation of essential plant nutrients and micronutrients that aids in the prevention and correction of micronutrient deficiencies, especially in higher pH soils where trace elements often become unavailable to the plant.

DIRECTIONS FOR USE

SUPER-MICRO MIX will disperse in water with minimal agitation. It can be tank mixed with most pesticides and fertilizers except high phosphate materials. Always make a small-scale test to assure compatibility. Follow the mixing sequence: 1. Water; 2. **SUPER-MICRO MIX**; 3. Other fertilizer; 4. Pesticide. Use of a non-ionic surfactant is recommended for optimal leaf absorption.

RECOMMENDED RATES

Turf (Fairways, Greens, and Tees): Apply 2-6 fluid oz. per 1,000 sq. ft. or 3-6 quarts per acre in enough water to cover.

Trees and Ornamentals: Apply 32-64 oz. per 100 gallons of water as a foliar spray or drench as necessary. Use sufficient water for good coverage.

Tree Deep Root Injection: Apply 32 oz. per 100 gallons at 5 gallons per inch DBH for maintenance and 64 oz. per 100 gallons for severe deficiencies.

Greenhouse Applications: Apply 16-32 oz. per 100 gallons at 5 gallons of water as foliar spray.

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C. or polypropylene fittings.

Storage: Store in a cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife.

Container Disposal: Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities.

CONDITIONS OF SALE: The Doggett Corporation (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instruction, or under abnormal use conditions, or under conditions not reasonably foreseen by the company. **THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**

Information about this fertilizer may be obtained from The Doggett Corporation, 30 Cherry St., Lebanon, NJ 08833

WHAT TO DO IN CASE OF CONTACT

If Ingested: Give large amounts of water or milk, if conscious. Contact a physician immediately.

Eye Contact: Flush eyes with clean water for 15 minutes. Seek medical attention immediately.

Skin Contact: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.

If Inhaled: Move to fresh air and seek medical attention if irritation develops or persists.

For additional information call CHEMTREC 800-424-9300

If there is contact made with spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" on the product labeling.

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.



SUPER-NITRO 28-0-0

W/70% SLOW RELEASE LIQUID NITROGEN

GUARANTEED ANALYSIS

Nitrogen (N) **28.00%**

8.40% Urea Nitrogen

19.60% Other Water Soluble Nitrogen*

DERIVED FROM: Urea and Triazone Polymethylene Urea

*19.6% Slowly Available Nitrogen from Triazone

Net Weight:

Jug: 26 lbs. (11.79 kg)

Case: 2x2.5: 52 lbs. (23.58 kg)

Net Contents:

Jug: 2.5 gal (9.46 liters)

Case: (2x2.5) 5 gal (18.92 liters)

GENERAL INFORMATION

SUPER-NITRO 28-0-0 is a liquid fertilizer designed for application on turf and ornamentals requiring supplemental N during the growing season. A portion of the nitrogen is in a control release form providing more efficient nitrogen utilization.

SUPER-NITRO 28-0-0 is recommended as a carrier for pesticides. The control release nitrogen prolongs the wetting of leaf surfaces for greater penetration and less loss from crystallization on leaf surfaces as with liquid urea products

DIRECTIONS FOR USE

SUPER-NITRO 28-0-0 can be soil or foliar applied through ground or aerial applications. Use sufficient water for thorough and uniform coverage of foliage or soil. Foliar application is recommended when fast correction is desired.

SUPER-NITRO 28-0-0 will disperse in water with minimal agitation. Always check compatibility before mixing.

FOLLOW DIRECTIONS!

Refer to SDS for health, safety, and environmental information. **Keep out of Reach of Children.**



WARNING

May be harmful if swallowed. Causes serious eye irritation. Causes mild skin irritation. May be harmful if inhaled.

Follow the mixing sequence: 1. Water, 2. SUPER-NITRO 28-0-0, 3. Pesticide

Minimum Product to Water ratio 1:20

RECOMMENDED RATES

Tees and Greens: Apply 5-10 oz. Super-Nitro with 1.5-2 g water per 1,000 sq. ft. and 1.7 gal - 3.4 g with 65-87 gallons water per acre.

General Turf, Lawns, and Fairways: Apply 6-24 oz. Super-Nitro with 1.5-2g water per 1,000 sq. ft. and 2g-8g Super-Nitro with 65-87 gallons water per acre.

Ornamental Gardens: Foliar: 1-2 gal per 100 gallons.

Soil drench: 1-2 oz. per gallon water.

Greenhouse: Apply 3.5 – 4 oz. per gallon at 1:100 injector

Tree Deep Root Injection: Apply 1 to 3 pounds of Super-Nitro per 1,000 sq. ft.

1/3 gallon (43 oz.)-1 gallon (128 oz.) per 100g.

Recommend 5g of mixed product per 1" DBH caliper.

N/1,000 sq. ft.	Super-Nitro	N/Acre	Super-Nitro
1/10 lb.	4.4 oz.	1/10 lb.	1.5 g
1/8 lb.	5.5 oz.	1/8 lb.	1.9 g
1/4 lb.	11.0 oz.	1/4 lb.	3.75 g
1/2 lb.	22.0 oz.	1/2 lb.	7.5 g
1 lb.	44.0 oz.	1 lb.	15.0 g

The optimum rate and timing of application will depend on local conditions and should always be made as a result of soil and/or plant tissue analysis. Local climatic conditions, infestations and other factors affect the performance of any pesticide or nutritional spray, so consult with your local agricultural authorities for specific use information in your area.

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C. or polypropylene fittings.

Storage: Store in a cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife.

Container Disposal: Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities.

CONDITIONS OF SALE: The Doggett Corporation (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instruction, or under abnormal use conditions, or under conditions not reasonably foreseen by the company. **THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**

Information about this fertilizer may be obtained from The Doggett Corporation, 30 Cherry St., Lebanon, NJ 08833

WHAT TO DO IN CASE OF CONTACT

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation continues.

Inhalation: Move to fresh air. Obtain medical attention if irritation develops.

Ingestion: Drink large volumes of water. Call a physician or poison control center.

Indication of Immediate Medical Attention and Special Treatment Needed: In the event of an adverse response treatment should be directed toward control of the symptoms and the clinical condition of the patient.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 800-424-9300

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.



DOG-PHITE 0-0-29

SOLUBLE POTASSIUM PHOSPHITE

- Helps reduce Plant Stress
- Triggers plant's natural defense mechanisms
- **Corrects deficiencies**
- Increases Root Mass and Bloom Set
- Can be used as a foliar, bark or soil application

DOG-PHITE contains more active ingredients compared to similar products on the market.
5.1 lb./gal of Phosphoric Acid vs. 3.35 lb./gal | 7.92 lb./gal of active ingredient vs 5.17lb./gal

GUARANTEED ANALYSIS

Soluble Potash (K₂O)..... 29.00%
Chlorine (Cl), not more than.... 0.00%

DERIVED FROM: Potassium Phosphite
Contains 5.27 lbs. phosphorous acid per gallon

Net Weight:

Jug: 34 lbs. (15.4 kg)
Case: 2x2.5: 68 lbs. (30.84 kg)

Net Contents:

Jug: 2.5 gal (9.46 liters)
Case: (2x2.5) 5 gal (18.92 liters)

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist.
READ LABEL – FOLLOW DIRECTIONS!
Refer to MSDS for health, safety, and environmental information.
Keep out of Reach of Children.

GENERAL INFORMATION

DOG-PHITE 0-0-29 is a concentrated foliar nutrient solution. These nutrients in their highly soluble form are beneficial to plant growth, crop development, crop quality and yield when applied as a properly timed foliar spray or soil injection.

DIRECTIONS FOR USE

DOG-PHITE 0-0-29 may be applied by air or with all types of ground spraying equipment. Minimum GPA: 20 GPA ground, 10 GPA air. DO NOT EXCEED a product concentration of 2% volume / volume maximum.

DOG-PHITE 0-0-29 will disperse in water with minimal agitation. It can be tank mixed with most pesticides. Always make a small-scale test to assure compatibility.

Follow the mixing sequence: 1. Water 2.DOG-PHITE 0-0-29 3.Pesticide or fertilizer. It is recommended to use this product with surfactants that do not lower pH. For best results, apply in early morning or late afternoon when leaf pores are open. Spray as a fine mist during periods of little dew to avoid runoff of leaf surfaces when soil injecting. Do not mix with high N fertilizers.

RECOMMENDED RATES

ARBOR: Use 32 oz. or 1 quart per 100 gal. Rate of 2 gal. per diameter inch for soil injection or foliar application.

TURF: Use 5-10 oz per 1,000 sq. ft. during active growth periods on tees, greens and approaches and continue every 14 days along with regular spray program. In other areas, apply 1.5 gal/ac every 30 days during active growing periods.

VEGETABLE CROPS: Apply 1 to 3 quarts per acre per application in 20 gallons of water per acre. Apply the first application after transplanting, thinning or at second true leaf stage. Apply at 2-3 week intervals or as needed to supplement nutritional requirements.

PERMANENT CROPS: Apply 1 to 3 quarts per acre per application in 100 gallons of water per acre. Apply the first application at green tip or pre-bloom. Apply subsequent applications at 2-3 week intervals or as needed to supplement nutritional requirements.

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C. or polypropylene fittings.

Storage: Store in a cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife.

Container Disposal: Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities.

THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

WHAT TO DO IN CASE OF CONTACT

If Ingested: Give large amounts of water or milk, if conscious. Contact a physician immediately.

Eye Contact: Flush eyes with clean water for 15 minutes. Seek medical attention immediately.

Skin Contact: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.

If Inhaled: Move to fresh air and seek medical attention if irritation develops or persists.

For additional information call CHEMTREC 800-424-9300

If there is contact made with spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" on the product labeling.

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.



SUPER-KEY 5% CHELATED LIQUID MANGANESE

FOR CORRECTION OR PREVENTION OF MANGANESE DEFICIENCY

GUARANTEED ANALYSIS

Sulfur (S)..... 3.0%
3.0% Combined Sulfur (S)

Manganese (Mn) 5.0%
5.0% Chelated Manganese (Mn)

**DERIVED FROM: Manganese Citrate,
Manganese EDTA**

Net Weight:

Jug: 24.5lbs (11.11 kg)

Case 2x2.5 gal (2 jugs): 49lbs (22.22 kg)

Net Contents:

Jug: 2.5 gal (9.46 liters)

Case: (2x2.5) 5 gal (18.92 liters)

CAUTION: Harmful if swallowed.

Avoid contact with eyes, skin and clothing

Avoid breathing spray mist.

READ LABEL – FOLLOW DIRECTIONS!

Refer to MSDS for health, safety
and environmental information

Keep out of Reach of Children.

GENERAL INFORMATION

SUPER-KEY 5% LIQUID MANGANESE is a complexed liquid micronutrient compound containing sulfur and manganese. It is designed for foliar and soil application for prevention and correction of manganese deficiency. It is recommended for use as an additive in liquid or dry fertilizers. It is compatible with most agricultural pesticides.

SUPER-KEY 5% LIQUID MANGANESE tank-mixed in water will decrease alkaline hydrolysis associated with organo-phosphate pesticides.

SUPER-KEY 5% LIQUID MANGANESE is not recommended for use with pesticides that are not compatible with acid materials. DO NOT MIX WITH HIGH PHOSPHATE LIQUID FERTILIZERS. Always make a small-scale test to assure compatibility.

DIRECTIONS FOR USE

SUPER-KEY 5% LIQUID MANGANESE can be soil or foliar applied, broadcast or banded over the row. Foliar application is recommended when fast correction is desired. Use sufficient water for thorough and uniform coverage of foliage or soil. For best results use a non-ionic surfactant.

SUPER-KEY 5% LIQUID MANGANESE will disperse in water with minimal agitation. Follow the mixing sequence: 1. Water 2. **SUPER-KEY 5% LIQUID MANGANESE** 3. Pesticide or fertilizer.

RECOMMENDED RATES

The optimum rate and timing of application will depend on local conditions and should always be made as a result of soil and/or plant tissue analysis in consultation with your local agricultural authorities. Local climatic conditions, infestations and other factors affect the performance of any pesticide or nutritional spray. Therefore, consult your local chemical company representative or agricultural extension agent for specific use information in your area.

WHAT TO DO IN CASE OF CONTACT

If Ingested: Give large amounts of water or milk, if conscious. Contact a physician immediately.

Eye Contact: Flush eyes with clean water for 15 minutes. Seek medical attention immediately.

Skin Contact: Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.

If Inhaled: Move to fresh air and seek medical attention if irritation develops or persists.

For additional information call CHEMTREC 800-424-9300

If there is contact made with spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" on the product labeling.

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C. or polypropylene fittings.

Storage: Store in a cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife.

Container Disposal: Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities.

CONDITIONS OF SALE: The Doggett Corporation (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instruction, or under abnormal use conditions, or under conditions not reasonably foreseen by the company. **THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**

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.



3-3-3 MYCO-STARTER GRANULAR W/BIOCHAR & HUMATES

GUARANTEED ANALYSIS

Total Nitrogen (N) 3.00%

2.3% Water Insoluble Nitrogen

0.7% Water Soluble Nitrogen

Available Phosphate (P₂O₅) 3.00%

Soluble Potash (K₂O) 3.00%

DERIVED FROM: Composted Poultry Manure

NON PLANT FOOD INGREDIENTS:

Biochar 2.5 % by wt.; 5% by volume

Humic Acids (derived from Leonardite) 1%

MYCORRHIZAE

Ectomycorrhizal Fungi

Pisolithus tinctorius 4,845 propagules/gram

Scleroderma cepa 4,845 propagules/gram

Scleroderma citrinum 4,845 propagules/gram

Rhizopogon villosulus 4,845 propagules/gram

Rhizopogon luteolus 4,845 propagules/gram

Rhizopogon amylopogon 4,845 propagules/gram

Rhizopogon fulvicleba 4,845 propagules/gram

Endomycorrhizal Fungi

Glomus aggregatum 2.6 propagules/gram

Glomus mosseae 2.6 propagules/gram

Glomus intraradices 2.6 propagules/gram

Glomus etunicatum 2.6 propagules/gram

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.

GENERAL INFORMATION

DOGGETT'S PROFESSIONAL MYCO-STARTER is an all-natural fertilizer that includes Endo & Ecto Mycorrhizae which promotes increased root mass and stress tolerance. Biochar is also incorporated which will increase water infiltration and water holding capacity; increase nutrient efficiency and soil biology.

DOGGETT'S PROFESSIONAL MYCO-STARTER is a perfect balance to start your plantings or to maintain good health, color, and vigor on established landscapes.

APPLICATION RATES

Flower Beds: Mix 5 lbs. per 100 square feet into the top 4" to 6" of soil.

Potting Mixes: Mix 12 lbs. per cubic yard or 1 cup per cu. ft.

Planting Trees & Shrubs: Mix thoroughly with backfill soil at the rates at right.

PLANTING TREES & SHRUBS

Plant Size	Cups	Lbs.
Up to Two Gallon	1	1/2 lb.
Five Gallon	2	1 lb.
Fifteen Gallon	4	2 lb.
24" Ball	6	3 lb.
36" Ball	24	12 lb.
48" Ball	30	15 lb.

TURFGRASS & TOP DRESS

Applications per 1,000 sq. ft.

16.5 lbs.	Light (.5 lb. N)
33 lbs.	Medium (1 lb. N)
50 lbs.	High (1.5 lb. N)



8-0-6 DRY GRANULAR ORGANIC FERTILIZER

FOR SOIL SURFACE APPLICATION

AN ORGANIC FERTILIZER FOR LANDSCAPE TREES AND SHRUBS
SLOW RELEASE NITROGEN - PHOSPHORUS AND CHLORIDE FREE - VERY LOW SALT INDEX - ALL COMPONENTS OMRI LISTED

GUARANTEED ANALYSIS

Total Nitrogen (N) 8.0%

0.3% Water Soluble Organic Nitrogen

7.7% Water Insoluble Nitrogen*

Soluble Potash (K₂O) 6.0%

DERIVED FROM: Feather Meal Protein Hydrolysate,
Sulfate of Potash

*7.7% Slowly Available Nitrogen from Feather Meal

NET WT. 50 LB.

APPLICATION INSTRUCTIONS

Apply at a rate of 37.5 pounds per 1000 square feet (18 kg/100 m²) from near the trunk to near the dripline of nutrient deficient trees and shrubs. One bag treats 1333 square feet (124 m²).

Water in after application to reduce animal attraction and feeding.

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.



20-5-10 SLOW-RELEASE PROFESSIONAL

A TRUE SLOW-RELEASE NITROGEN FORMULATION, EXTREMELY EFFECTIVE, SAFE, VERY LOW IN SOLUBLE SALTS.

GUARANTEED ANALYSIS

Total Nitrogen (N)	20.0%
1.0% Ammoniacal Nitrogen	
13.5% Water Insoluble Nitrogen*	
5.5% Other Water Soluble Nitrogen*	
Available Phosphate (P₂O₅)	5.0%
Soluble Potash (K₂O)	10.0%
Magnesium (Mg)	0.15%
Boron (B)	0.06%
Copper (Cu)	0.06%
0.06% Water Soluble Copper (Cu)	
Iron (Fe)	0.36%
0.36% Chelated Iron (Fe)	
Molybdenum (Mo)	0.002%
Zinc (Zn)	0.14%
0.14% Chelated Zinc (Zn)	

DERIVED FROM: Ureaform, Monopotassium Phosphate, Potassium Sulfate, Magnesium Sulfate, Boric Acid, Copper Sulfate, Iron EDTA, Sodium Molybdate, Zinc EDTA

*19.0% Slowly Available Nitrogen from Ureaform

NET WT. 50 LB.

DOGETT GROWER SPECIAL is composed of slow-release nitrogen particles and other essential plant nutrients, providing sustained nitrogen feeding for up to nine months. This is a non-burning, non-leaching nitrogen ingredient. Growing media/soil temperature along with naturally occurring microbes are the primary factors that affect product release. Microbes naturally available in growing media, along with optimum growing temperatures between 55°F and 95°F, provide the ideal conditions for nitrogen release and plant growth. Temperatures generally above 95°F reduces microbial activity. This is a built-in safety net. It is important to note that this unique formula will not dump nutrient during periods of high temperature and moisture.

LONGEVITY

It has been determined through years of field trials that media temperatures less than 70°F/20°C increase product longevity, and that media temperatures greater than 70°F/20°C decrease longevity. Since growing media temperatures fluctuate with geography and time, a grower should consider crop types and production goals when selecting the appropriate product.

CULTURAL PRACTICES

The ultimate factor in determining product selection and application rate should be based on individual grower practices. The table below lists general cultural factors that can influence product rate.

Use a higher rate if your plants are:

- Heavy feeders, salt tolerant
- Fast-growing
- Receiving frequent overhead irrigation or high rainfall
- Grown in coarse and airy media

Use a lower rate if your plants are:

- Slow growing or salt sensitive
- Under a drip irrigation regime or in an area of low rainfall
- Grown with a combination liquid and slow-release nutrients

- Grown in a tight/fine media with low leaching capabilities
- Grown in Media that has been composted

APPROXIMATE VOLUME MEASURES

Conventional Measures

Bulk Density= 59.13 lbs./cubic ft.

1 teaspoon = 7.5 grams
1 tablespoon = 15 grams
1/4 cup = 60 grams
1/3 cup = 80 grams
1/2 cup = 120 grams
1 cup = 240 grams
1 oz. = 28 grams
1 lb. = 454 grams

Late Summer through Winter application:

Irrigation may be necessary for crops under protective cover to prevent soluble salt build-up. Growers must use caution whenever applying fertilizer to crops with infrequent irrigation, and they should monitor soluble salt levels regularly on these crops and irrigate as needed. Should

irrigation be unavailable in these Winter crops, avoid application of fertilizer. Immediately after uncovering plants in the Spring, irrigate as necessary to provide thorough leaching of any accumulated soluble salt.

Storage of Mixes: Slow-release fertilizers release nutrients upon incorporation into growing medias. We recommend you use media with incorporated fertilizer immediately if possible to avoid unnecessary release of nutrients.

Irrigation Management:

Adjust irrigation volume and frequency to maintain adequate soluble salt levels within the growing media for optimum product performance and crop growth. When it is hot, increase irrigation volume/frequency. When it is cooler, decrease irrigation volume/frequency.

DIRECTIONS FOR USE

Application Rates: The application rates listed are intended as a guideline in developing a fertilization program. These rates may or may not apply to your area of growing conditions. It is the grower's responsibility to determine the appropriate rate. Your rate may be higher or lower than suggested, based on your growing conditions.

Product Trials: Always conduct a trial before starting a new fertilizer program. Use several rates and plant types to be grown to determine appropriate rates. Major changes in standard cultural practices should also coincide with a fertilizer rate trial.

Product Storage: Store in a clean, cool, dry place. Reseal opened bag by folding top down and securing.

FOR PROFESSIONAL USE ONLY!

Caution: Do not ingest or inhale. Keep away from children or pets. Follow label instructions and use care when handling all fertilizer products.

Important Notice: This product has been researched to provide necessary data to support its use on ornamentals. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions. The user should always follow label directions and exercise judgment and caution when using this product on a given variety until familiar with the results under growing conditions.

CONTAINER SIZE / TOP DRESS RATES IN GRAMS

	No. containers per cubic yard	Low	Medium	High
1 gallon	275	12	15	18
2 gallon	140	20	29	40
3 gallon	85	30	48	67
5 gallon	55	48	74	103
7 gallon	35	60	97	134

	Surface area per sq. ft.	Low	Medium	High
10 gallon	1.4	87	141	196
15 gallon	1.6	100	151	210

APPLICATION RATES

Soil mix / Incorporation rates	Low	Medium	High
Lbs. per cubic yard	9.0	12.0	15.0
Lbs. per cubic foot	0.33	0.44	0.56
Lbs. N. per cubic yard	1.8	2.4	3.0

For rates not listed, application should equal 1.5 to 3 lbs. actual nitrogen

1. Reduce rate by 50% if media contains native soil.
2. When liquid fee program is employed, reduce liquid feed amount by 50% and use the next lowest recommended rate.
3. Irrigate after application of product.
4. Do not use this product for unrooted cuttings.
5. Use low rate on heavy or clay soils, or soils with high peat content. Use high rate on light or sandy soils.

LANDSCAPE APPLICATION RATES

5 lbs. per 1,000 sq. ft. = 1 lb. of Nitrogen
15 lbs. per 1,000 sq. ft. = 3 lbs. of Nitrogen

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16-4-8 DOGETT'S SLOW RELEASE PLANTING & TRANSPLANT TABLETS

GUARANTEED ANALYSIS

Total Nitrogen (N) 16.0%

2.85% Urea Nitrogen

2.65% Other Water Insoluble Nitrogen*

10.50% Water Insoluble Nitrogen*

Available Phosphate (P₂O₅) 4.0%

Water Soluble Potash (K₂O) 8.0%

Magnesium (Mg) 2.25%

Iron (Fe) 2.5%

2.5% Water Soluble Iron (Fe)

Manganese (Mn) 2.0%

2.0% Water Soluble Manganese (Mn)

Zinc (Zn) 1.8%

1.8% Water Soluble Zinc (Zn)

Humic Acids (derived from Leonardite) 10%

DERIVED FROM: Ureaform, Monoammonium Phosphate, Sulfate of Potash, Magnesium Sulfate, Iron Sulfate, Manganese Sulfate, Zinc Sulfate

*13.15% Slowly Available Nitrogen from Ureaform

(500 x 21 GRAM TABLETS PER CASE) NET WT. 25 LB.

A 16-4-8 slow release formulation with all the key ingredients for proper tree & shrub nutrition. The macro elements of Nitrogen, Phosphorous & Potassium, plus Iron, Magnesium, Manganese & Zinc, with a large percentage Humates to enhance uptake and to feed the soil.

Please refer to the planting guide from the International Society of Arboriculture for proper care and handling of your new planting or transplant.

APPLICATION RATES

New Plantings

Fill the planting hole about half way up the ball. The tablets should be placed evenly about two feet apart, and about an inch from exterior root.

For bare root, the same basic application applies but would vary with root location.

Tree / Shrub Container Size

	1 Gal	2 Gal	3 Gal	5 Gal	7 Gal	15 Gal	2-4" B&B
INSTALLATION	1	1 to 2	2 to 3	2 to 3	3 to 5	7 to 10	15 to 24

Existing Tree & Shrub in the landscape

Auger holes approximately 4" to 6" deep and on 2 ft centers in the root area. The holes should be on a grid starting well out from the base root flare and extending to the dripline, and beyond in unencumbered soils.

Maintenance Rates for Existing Plantings (Plant Height or Spread)

	18" or less	18-36"	36-54"	4.5 - 6 ft	6 - 7.5 ft	7.5 - 9 ft	Each Add'l 18"
MAINTENANCE	2	2 to 4	4 to 6	6 to 8	8 to 10	10 to 12	Add 2

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.



DOGETT'S PROFESSIONAL MYCO BIO PACK

GUARANTEED ANALYSIS SOIL AMENDING ACTIVE INGREDIENTS

Rhizosphere Bacteria	5 Billion cfu/lb
<i>Bacillus pumilus</i>	500 Million cfu/lb
<i>Bacillus megaterium</i>	500 Million cfu/lb
<i>Bacillus subtilis</i>	500 Million cfu/lb
<i>Bacillus licheniformis</i>	1750 Million cfu/lb
<i>Bacillus amyloliquefaciens</i>	1750 Million cfu/lb
Mycorrhizae Fungi.....	55,065,000 propagules per lb. Total
Endomycorrhizal fungi	65,000 propagules per lb. Total
<i>Glomus intraradices</i> , <i>G. mosseae</i> , <i>G. aggregatum</i> , <i>G. etunicatum</i>	35.8 propagules/g each
Ectomycorrhizal fungi	55,000,000 propagules per lb. Total
<i>Rhizopogon villosulus</i> , <i>R. luteolus</i> , <i>R. amylopogon</i> , <i>R. fulvigleba</i>	1,375 propagules/g each
<i>Pisolithus tinctorius</i>	110,255 propagules/g
<i>Scleroderma cepa</i> , <i>S. citrum</i>	2,750 propagules/g each
NON PLANT FOOD INGREDIENTS: Humic Acids (derived from Leonardite)	50%

NET WT. 1 LB.
CASE PACK 5 X 1 LB.

MYCO BIO PACK is a suspendable powder mycorrhizal inoculum consisting of 4 species of endomycorrhizal fungi and 7 species of ectomycorrhizal fungi. Approximately 95% of the world's plant species form symbiotic relationships with at least one of these types of symbiotic soil fungi. These beneficial fungi greatly increase the effective rooting area of plants, thereby enhancing plant growth, vigor, and tolerance of environmental extremes.

MYCO BIO PACK is a concentrated, fine, suspendable material containing mycorrhizal propagules, which colonize roots and extend into the surrounding soil forming an essential link between plants and soil resources. Increasing the rooting area allows improved access to water and nutrients, promoting plant quality and crop performance.

MYCO BIO PACK contains 5 specific *Bacillus* species that enhance plant growth, protection and soil fertility. These rhizosphere bacteria thrive in the root zone of plants. They promote healthy plant growth and improve soil fertility by decomposing soil components into soluble minerals, making them available to the plant.

MYCO BIO PACK combines the mycorrhizae and the beneficial bacteria to be used as a regular maintenance program which will improve soil conditions and plant health.

DIRECTIONS FOR USE

TREES

MIX RATE: 1 lb. Myco Bio Pack per 100 gallons.

DOGETT'S MYCO BIO PACK dilutes into a complete solution.

FIVE GALLONS OF FERTILIZER SOLUTION PER INCH OF TRUNK DIAMETER

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

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 MYCO BIO PACK**. 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 ½ gallon of fertilizer solution at each point. Based on the 2½ 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 ½ 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 (1 lb. 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 2½ sq. ft. intervals, starting well out from the trunk and extending well beyond the dripline in unencumbered soils.

TURFGRASS

MIX RATE: 1 lb. Myco Bio Pack per 100 gallons.

DOGETT'S MYCO BIO PACK dilutes into a complete solution.

APPLICATION: 100 gallons over 10,000 sq. ft.

Applications:

- Annual maintenance
- New or over seeding
- After aerification

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

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DOGGETT'S PROFESSIONAL NATURAL RESOURCE

AN ORGANIC BASED COMPOUND TO IMPROVE THE SOIL AND STIMULATE
ROOT GROWTH THROUGH ENHANCED NUTRIENT UPTAKE

GUARANTEED ANALYSIS

Humate	60.00%
Seaweed Extracts	20.00%
Iron 13% (Fe)	1.60%
1.60% Chelated Iron (Fe)	
Manganese (Mn)	0.75%
0.75% Chelated Manganese (Mn)	
Zinc (Zn)	0.10%
0.10% Chelated Zinc (Zn)	

DERIVED FROM: Soluble Humates, Soluble Seaweed Extracts, Beneficial Bacteria, Iron EDTA, Manganese EDTA, Zinc EDTA

NET WT. 1 LB.

CASE PACK 5 X 1 LB.

DOGGETT'S NATURAL RESOURCE is an organic-based soil improver and fertilizer enhancer. It is designed for the professional applicator for use with professional equipment. The main ingredient of this formulation is humic acid which has proven to assist nutrients in transferring from the soil to the plant. It also helps break up compacted soil, enhances water retention, and stimulates development of micro-flora populations in the soil. Humic acid is not a fertilizer, but instead a compliment to a good fertilization program. The other ingredients in order of percentage in the formulation are soluble seaweed extract, which is a natural plant hormone (cytokinins) and has many naturally occurring trace nutrients within the extract. Chelated Iron, Manganese, & Zinc function primarily as parts of enzyme systems essential for various energy transfers, assimilation, and growth processes in the plant.

DIRECTIONS FOR USE

TREES

DOGGETT'S NATURAL RESOURCE was intended to be applied by injection into the soil/root area under hydraulic pressure. 90% of the trees absorbing roots are in the top 1 ft. of soil, with the majority within 6". In mature trees & shrubs these fine roots start a good distance out from the trunk and in unencumbered soil extend well beyond the drip line. This is the area for application of soil enhancements and fertilizer. Soil injection should be 6 to 8 inches deep using a soil/root fertilization probe from a power sprayer. Pressure of 150 to 200 psi should be more than adequate in good soils. Higher pressures may be used with care in more compacted soils. The standard dilution is 1 lb. per 100 gallons. It is important to remember that soils in the landscape have no natural nutrient recycling and therefore must be supplemented.

Injection of the soil should begin at a point out from the trunk where good site judgment deems the finer roots to be. Injections should be spaced 2 ½ ft to 3 ft apart and extend well beyond the drip line. The quantity of solution should be ¼ to ½ gal per injection site. Water is a critical ingredient for good plant health and should not be spared. This application should progress on a grid, within multiple plantings or when in shrub beds. For individual plantings injections can follow a concentric circle type pattern.

MIX RATE: 1 lb. Natural Resource per 100 gallons.

DOGGETT'S NATURAL RESOURCE dilutes into a complete solution.

FIVE GALLONS OF FERTILIZER SOLUTION PER INCH OF TRUNK DIAMETER.

Example: Tree Trunk 12" times 5 gallons = 60 gallons of solution. When used in conjunction with a fertilizer, as is recommended, remember to reduce rates by ¼.

TURFGRASS

MIX RATE: 1 lb. Natural Resource per 100 gallons.

DOGGETT'S NATURAL RESOURCE dilutes into a complete solution.

APPLICATION:

2 gallons per 1,000 square feet.
88 gallons per acre.

Apply monthly throughout the growing season or every 14 days during stress periods.

For further information concerning this product or any of the other Doggett professional tree fertilizers and soil amendments please don't hesitate to call our toll-free number 800-448-1862.

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.



NUTRI-SUL 90 PLUS

WATER SOLUBLE

ELEMENTAL SULFUR 90%

SOLUBLE MICRO GRANULAR SULFUR TO LOWER pH OF ALKALINE SOILS

GUARANTEED ANALYSIS

Sulfur (S) 90.0%

DERIVED FROM: Elemental Sulfur (S)

Attention: Sulfur dust in air may explode. Do not air convey.

Explosive Limits in Air:
Upper 35 Gr. per Cu. M.
Lower 1400 Gr. Per Cu. M.

Sulfur ignites easily - eliminate all sources of ignition.

NET WT. 45 LB.

Our "NEW" Nutri-Sul 90 Plus is a sulfur micro-granular fertilizer with Optimum Release Technology that helps

meet the sulfur requirements of plants while lowering the pH of alkaline soils.

The microgranules reduce the amount of dust creating safer handling and application.

Microgranules are water dispersible to a particle size of 2-4 microns. This creates more surface area which allows for quicker oxidation into plant-available sulfate.

- Provides higher nutrient density
- Delivers more consistent application distribution
- 90% Elemental Sulfur

When this sulfur is applied to soils it is attacked by soil microorganisms to form sulfuric acid. This sulfuric acid in turn supplies the sulfate ion which is taken up by the plant. The acidifying effect of sulfur oxidation in the soil lowers the soil pH and allows uptake of soil nutrients and particularly iron.

We recommend injection of this material directly into the soil as the speed of oxidation to sulfuric acid depends mainly on the extent of contact between sulfur and the soil. Injection on a grid allows for fine division and wide dispersion into the soil.

Mixing Recommendations (per 100 gallons)

Soil pH	Sandy Soil	Clay Soil
7.5	5 lb.	8 lb.
8	7 lb.	10 lb.
8.5	12 lb.	15 lb.

Research has shown that unobstructed tree feeder roots tend to be in the top 6" of soil. Therefore, we recommend that the probe or hydraulic needle be inserted no deeper.

Injections should be every 2-1/2 feet square on a grid starting approximately five feet from the trunk and extending beyond the drip line. A site judgment and/or a core sample can be made to determine extent of roots.



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.



DOGGETT'S POWDER BLUE 39-0-0 POWDER

SLOW-RELEASE FERTILIZER

GUARANTEED ANALYSIS

Total Nitrogen (N) 39%
3% Urea Nitrogen
7.5% Other/Water Soluble Nitrogen*
28.5% Water Insoluble Nitrogen*

DERIVED FROM: Ureaform

*36% Slowly available Nitrogen from Ureaform



FERRO-LATE XL IRON CHELATE 13.2%

SOLUBLE CHELATED IRON 13.2%

TO BE SPRAYED ON FOLIAGE OR INJECTED INTO THE SOIL FOR CORRECTION OF CHLOROSIS DUE TO IRON DEFICIENCY.

GUARANTEED ANALYSIS

Iron (Fe) 13.2%
13.2% Chelated Iron (Fe)

DERIVED FROM: Iron EDTA

**NET WT. 8 x 3 LB. CASE
or 50 LB. BULK**

Iron is an essential micronutrient for good plant, tree and shrub health. It is widely distributed in soils and fertilizers and application of iron should only be necessary when deficiency symptoms occur. It especially needs to be applied in areas where alkaline soils occur.

Deficiency symptoms would be chlorosis of young leaves or needles especially in a wet or cool year.

For example: In oaks, young leaves may be yellow on emergence, develop inter-

veinal necrotic spots and light color. Mid-rib and veins remain green while interveinal areas become yellow or green and white. Youngest leaves are most severely affected. Spraying with XL IRON CHELATE results in quick recovery if symptoms are not too severe. One of the causes of iron deficiency is that the iron may be locked-up in the soil due to imbalance pH. We recommend soil and tissue sample to best determine corrective measures.

APPLICATION RATES

XL IRON CHELATE should be dissolved in water or fertilizer solutions, at the rate of one pound in 100 gallons of water. The best results for foliar application have been achieved from this rate. The addition of a wetting agent will improve distribution and absorption and is strongly recommended.

APPLICATIONS

Trees including Citrus, Other Fruit and Ornamentals (trunk diameter over 6 inches): *Soil application* - apply 1 to 5

pounds per tree depending on age, size of tree and extent of chlorosis. *Foliar application* - thoroughly wet the leaves using 1 pound per 100 gallons of solution. Do not apply during bloom.

Field Crops including Corn, Sorghum, Beans and Cotton: *Soil application* - apply 3 to 10 pounds per acre in starter fertilizer, bulk blend or liquid. Rate will depend on soil conditions and extent of deficiency. *Foliar application* - apply 1 pound per 100 gallons of solution 4 to 6 weeks after planting. Do not apply during bloom.

Lawns and Turf: Apply 1 pound per 10,000 square feet. Mix thoroughly with water and apply evenly. Application should be followed with a thorough watering in.

Garden flowers: *Soil application* - use 4 ounces per 100 feet of row. For individual plants (in garden) use 2/3 ounce. *Foliar application* - thoroughly wet leaves using 1 pound per 100 gallons 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.

BIOCHAR SUSTAINABLE BENEFITS



Research confirms biochar-enriched soils grow larger, healthier plants with greater yields, particularly in degraded or highly-weathered soils. In fact, biochar users typically report their costs of biochar are paid off during the first year by increased yield revenues.

While the Brazilian tradition provides long-term evidence of biochar's positive impact on soils, recent research continues to support the concept. Examples include naturally-occurring biochar found in fire-prone North American grassland soils. Sharing the same basic properties with biochar generated from wood and grass feedstock, these grassland soils prove to be some of the most fertile in the world. But why?

Increases in soil fertility are attributable to biochar's unique properties of adsorption and stability. Compared to other organic soil amendments, biochar is much more effective at retaining nutrients and keeping them available to plants. It maintains a porous structure, which attracts beneficial microbes, holds onto nutrients, retains moisture – qualities that increase fertilizer efficiency and enhance crop yield, while reducing the need to irrigate. And history confirms biochar is much more stable in the environment than any other form of organic matter. By storing organic carbon, biochar provides for an exceptionally long life – thousands of years in fact.

SUPPORTING SUSTAINABLE ARBORICULTURE

Research shows biochar has several effects in soil including:

- Increased water infiltration and water holding capacity
- Improved soil structure, tilth and stability
- Increased cation exchange capacity (CEC)
- Increased adsorption of ammonium, nitrate, phosphate, and calcium ions
- Increased nutrient retention over ordinary organic matter
- Improved soil pH buffering and stability
- Increased soil biology and diversity
- Enhanced, denser root development
- Reduced fertilizer runoff, especially nitrogen and phosphorus
- Reduced total fertilizer requirements
- Decreased emissions of nitrous oxide by 50-80%

All in all, this powerful soil amendment can be a significant tool to increase food security and crop diversity, particularly in areas with depleted soils, limited organic resources, and scarce water. The increased soil fertility from the use of biochar may also decrease the need for further deforestation for agricultural purposes.

BIOCHAR APPLICATION RATES

3mm Granular (rice size):

Blending rate at 5% by volume = 1.5 cu.ft. per cu.yd. Soil

Top dress for turf, tree & shrub rate 2% by volume = 8 yards per acre or 5 bags per 1,000 sq.ft.

50 Mesh (dust):

Soil injecting at 1% = one 5 gallon bag per 500 gallons of water or 1/5 bag (4lbs.)/100 gallons

Minor & Secondary Elements

Iron (Fe)

Iron has a critical role in metabolic processes such as respiration and photosynthesis. Iron is essential for the formation of chlorophyll and the maintenance of chloroplast.

Iron Chelates EDTA: for soils with a pH below 7.5

Iron Chelates EDDHA: for soils with a pH above 7.5

Manganese (Mn)

Manganese is essential in plants for several physiological processes, particularly photosynthesis, but also respiration and Nitrogen assimilation.

Magnesium (Mg)

Magnesium's most important role is as the central atom in the chlorophyll molecule. Chlorophyll is the green pigment in leaves and is responsible for the process of photosynthesis.

Zinc (Zn)

Zinc plays an important role in many biochemical reactions within plants. Zinc activates enzymes that synthesize certain proteins. It is used in the formation of chlorophyll and carbohydrates, as well as the conversion of starches to sugars. Zinc is also necessary for the formation of Auxins, which regulates plant growth.

Sulfur (S)

Many soils in North America are alkaline or high pH. When the pH is high, many nutrients get tied up in the soil and are unavailable to the plant. We can acidify the soil with elemental sulfur to decrease the pH and improve Phosphate and micro-nutrient availability.

Soil Conditioners

Humates

Humic Acids are an important soil conditioner that helps increase the cation exchange capacity in the soil, which aids in nutrient uptake. Humic acids are good chelators that solubilize nutrients, making them available for plant uptake. They also act as a buffering agent in higher pH soils.

Mycorrhizal Fungi

Mycorrhizae increase the surface absorbing area of roots, which greatly improves a plant's ability to access soil resources. Mycorrhizae also release enzymes that make tightly bound nutrients more available. This improves a plants performance and survival.

Beneficial Bacteria

Microbes are essential for healthy plant nutrition and plant growth. Soil structure is also improved with healthy microbe populations. Urban landscapes can be deficient in microbial populations compared to natural forest soils. It is important to have a diverse spectrum of beneficial microorganisms in the soil.

Kelp Meal

Kelp and Seaweed have great organic matter and soil conditioning properties that help maintain productivity of microbes. This aids in root and plant development as well as stress resistance.

Biochar

Biochar is a very stable form of organic matter. It is very effective at retaining nutrients and keeping them available as well as adsorbing and filtering toxins in the soil. See a detailed description on page 20.

Why fertilize landscape and urban trees & shrubs?

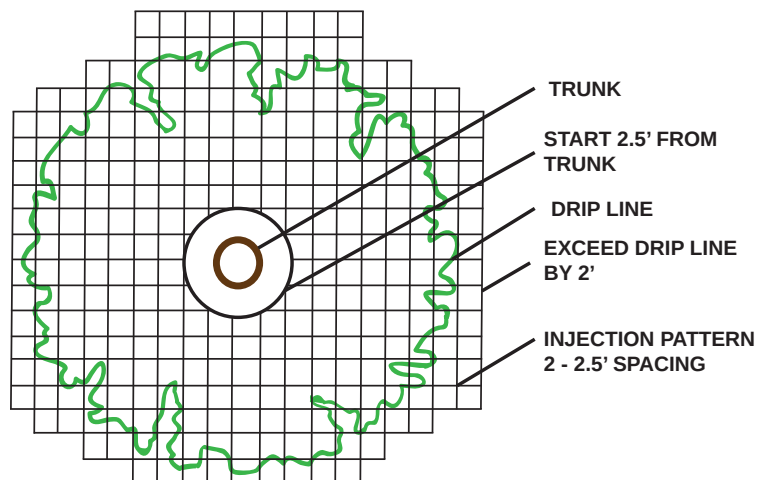
Trees in their natural setting, the forest floor, get their nutrients from rotting leaves, twigs, and general green litter, which recycles nutrients back into the soil. In a landscape setting this litter is removed, therefore eliminating all sources of the essential Nitrogen, Phosphorous, Potassium and any other necessary minor elements needed for good growth & vigor. It is well known, and documented in soil tests that urban soils are deficient in essential elements, leaving trees in a weakened state, lacking good color and vigor. This hampers the tree's internal processes and creates susceptibility to diseases and other external factors.

We have designed this line of professional tree fertilizers to mimic what occurs in a healthy forest floor. They have been made with the finest of responsible ingredients low in mineral salts and a slow release. The mixing and application rates were designed to be at a level as not to push growth, but to achieve good health, color, and vigor. Maintaining good vigor in landscape trees not only keeps them vibrant and healthy, but also helps with resistance to pests and other diseases, keeps the system strong to resist storm damage and other external impacts, and helps with longevity.

How do we accomplish fertilizing landscape and urban trees & shrubs?

There are several methods generally used to get this done. We strongly recommend that you refer to the ANSI A300 Standard for tree & shrub fertilization and it's companion publication Best Management Practices.

TREE FERTILIZATION INJECTION PATTERN



Methods for application and particular applications will vary according to range, climate, soil conditions, and other external site variables. It is important to assess your site conditions for these factors. But for our purposes here, general application methods will be discussed. To begin with, the diagram at left shows you the basic coverage area.

The most efficient way, we believe, is with a soil injector under hydraulic pressure from a spray rig. You are accomplishing 3 things; watering, fertilization, and fracturing of the soil. This method also gets you down into the soil profile where the feeder roots are.

A second method is application of granular fertilizer using the drill hole method. 3"

holes are drilled on the same grid and the granular material is physically put into the holes. It is important to note that with some of the trials we did with this method did not give good coverage because the material did not move from the application point.

A third method is broadcast application on the surface, but this is only applicable if there is NO groundcover. And you are also not assured that the material will make it's way down to the feeder roots which is essential for effectiveness.

Note: This is a broad and general explanation. Full methodology is detailed on the individual labels within this label catalogue.

Please contact us with any questions or additional information 800-448-1862 doggettcorp.com



DATE _____

JOB NO. _____

TOTAL ▶

Total miles x cost per mile _____





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Promoting sustainable arboriculture, plant, and soil health since 1940.

At Doggett, we understand the importance of creating a healthy forest floor in urban environments to maintain thriving landscapes. Our commitment lies in developing top-quality products specifically designed for tree care professionals, ensuring the best possible formulations for trees and soils.

To explore our comprehensive range of offerings, please visit our website.

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