



DOGGETT'S NATURAL RESOURCE

FOR TREES

An organic based compound to improve the soil and stimulate root growth through enhanced nutrient uptake.

Guaranteed Analysis: 1.3-0-10.9

Humate	71.40%
Kelp Extracts	20.50%
Soluble Fish Meal	5.00%
Wetting Agent (Yucca).....	1.00%
Iron 13% (EDTA)	2.00%
Manganese (Mn)05%
Zinc (Zn)05%

*10.9% Potassium derived from Humate and Kelp extracts.
1.3% Nitrogen derived from Fishmeal.*

DOGGETT'S NATURAL RESOURCE is formulated for professional application into the root area of trees & shrubs. 90% of tree feeder roots are in the top 2 ft. of soil, and the majority of them within 6 inches. This is the area to be treated with the recommended method of subsoil hydro-injection.

Dilution

Standard Rate	1/4 lb.	100 gals
Plus Rate	1/2 lb.	100 gals
Super Rate	1 lb.	100 gals

NET WT. 5 LBS. (20 PACKETS - 1/4 LB. EACH)

Methods and Rates

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 fertilizer program. The other ingredients in order of percentage in the formulation are: Cold Water Kelp, which is a natural plant hormone (cytokinins) and has many naturally occurring trace nutrients within the extract. Fish Meal, which is an organic source of nutrients and soil mulch. Chelated Iron, Manganese, and Zinc function primarily as parts of enzyme systems for various energy transfer, assimilation and growth processes within the plant. Wetting Agent (yucca), an all natural dispersant which reduces the tension in the soil and enables the product to move easily through the soil structure.

Doggett's Natural Resource was intended to be applied by injection into the root/soil area under hydraulic pressure. 90% of the trees absorbing roots are in the top 1ft. of soil, with the majority of them within 6". In mature trees and shrubs, these fine roots start a good distance out from the trunk and in unencumbered soil extend well beyond the dripline. This is the area for application of soil enhancements and fertilizer. Soil injection should be no more than 8" deep using a soil/root fertilization

probe from a power sprayer. Pressure of 150 to 200 lbs. should be more than adequate in good soils.

Higher pressures may be used with care in more compacted soils. The standard rate of 1/4# per 100 gallons is recommended for soils that are basically pretty good; meaning that there is some organic matter and they are not overly compacted and fairly well drained. The plus rate of 1/2# per 100 gallons is for a substandard soil with low organic matter, compaction, and a low nutrient analysis. The super rate of 1# per 100 gallons would be for soils with little or no organic matter, high compaction, and little or no nutrient analysis. It is important to remember that soils in the landscape have no nutrient recycling and therefore must be supplemented.

Injection of the soil should begin at a point out from the trunk where good site judgement deems finer roots to be. Injections should be spaced 2 1/2 to 3 ft. apart and extend well beyond the dripline. The quantity of solution should be 1/4 to 1/2 gallons 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. Doggett's Natural Resource dilutes into a complete solution. When used in conjunction with a fertilizer, as is recommended, remember to reduce rates by 1/4. 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.