



DOGGETT'S PROFESSIONAL 21-5-20

GENERAL PURPOSE GREENHOUSE FERTILIZER

100% Soluble for Continuous Liquid Feed Programs

Doggett's Professional 21-5-20 is a slightly acid formulation for alkaline water situations.

GUARANTEED ANALYSIS

Total Nitrogen (N)..... 21.00%
 8.76% Ammoniacal Nitrogen
 12.00% Nitrate Nitrogen
 .24% Urea Nitrogen
Available Phosphate(P₂O₅).....5.00%
Soluble Potash (K₂O)20.00%
Magnesium (Mg)0.15%
 0.15% Water Soluble Magnesium (Mg)
Sulfur (S)2.02%
 2.02% Combined Sulfur(S)
Boron (B)..... 0.02%
Copper (Cu) 0.02%
 0.02% Chelated Copper (Cu)
Iron (Fe)0.10%
 0.10% Chelated Iron (Fe)
Manganese (Mn) 0.05%
 0.05% Chelated Manganese (Mn)
Molybdenum (Mo) 0.01%
Zinc (Zn)0.05%
 0.05% Chelated Zinc (Zn)

NUTRIENTS DERIVED FROM:

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

Potential Acidity: 390 lbs. Calcium carbonate equivalent per ton.

Warning – Product contains molybdenum. Do not apply to crops that will be grazed by ruminant animals.

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

For best results, use warm water to dissolve product. Doggett's fertilizers are made with 100% soluble raw materials that will form a true solution. Some raw materials are slower to dissolve than others. Keep stock tank covered to reduce light and debris inputs.

MIXING INSTRUCTIONS

Amount of dry fertilizer (oz.) to add to each gallon of water to make a concentrated solution. Check injector setting before use.

NITROGEN PARTS PER MILLION				
Desired N feed Rate	Injector Setting			E.C.Value (mmhos)
	1:15	1:100	1:200	
50 ppm	0.52	3.51	6.90	.32
100 ppm	1.10	6.90	13.80	.65
200 ppm	2.20	13.80	27.60	1.29

Limit of solubility = 4 lbs. per gallon

Important Notes

E.C. value is the best method to determine fertilizer strength. Fertilizer appearance may vary in color due to variation in raw material size and tracer dye distribution upon the particles in the bag. In solution, color will remain consistent.

SUGGESTED PPM FEEDING RATES

Doggett's Professional recommends these feed rates for the following crops. Remember to also consider plant stage, pot size, leaching fraction and environmental conditions when applying suggested rates. The quality of your water source will also affect overall feed rates, frequency and other additions in order to achieve optimum growth.

	Continuous Liquid Feed (CLF)	Periodic Every 7-10 Days
Plugs/Salt Sensitive	50-125	175-225
Woody Ornamentals	50-100	200-375
Bedding Plants	100-150	200-250
General Foliage	100-200	250-300
Cut Flowers	175-225	300-450
Garden/Landscape	200-300	400-750
Heavy Feeders	200-300	350-400
Light Feeders	75-150	200-250

NET WT. 25 LBS

