Seachem Fluorish Nitrogen

Â Product Description:
Nitrogen is one of the main three macro nutrients (nitrogen, phosphorus, potassium: NPK) required by plants and can often become the limiting factor to growth in a Ã…ourishing system. Flourish Nitrogenâ„¢ is a concentrated (15,000Â mg/L) blend of nitrogen sources. It provides nitrogen in both the nitrate form and the plant-preferred ammonium form. However, no free ammonia is released because the ammonium in Flourish Nitrogenâ„¢ is complexed and unavailable until utilized by the plants. Flourish Nitrogenâ„¢ also provides nitrate for those plants that can readily utilize nitrate as well. For maximum benefit use with Flourish Phosphorusâ„¢ and Flourish Potassiumâ„¢..Guaranteed AnalysisTotal Nitrogen (N)1.5%1.5% Soluble NitrogenÂ Soluble Potassium (K2O)2%

Derived from: potassium nitrate, urea (iminium salt) Directions:
BEGINNER: Use 2.5 mL (half a cap) for each 160Â L (40 gallons*) twice a week or as needed in response to signs of nitrogen deficiency (e.g. stunted growth, chlorosis). For smaller doses, please note that each cap thread is approximately 1 mL. EXPERT: The beginner dose raises nitrogen by the same degree that 1 mg/L nitrate would. This dose is sufficient to provide approximately 4 g of growth (dry) or about 20 g (hydrated) over a 1 month period (assuming all other necessary nutrients are provided). For increased growth use proportionately more. To target a specific nitrogen increase, dose according to the following formula: 0.25vn=m, where v= volume of tank in gallons*, n=desired nitrogen increase (if using a â€œnitrate equivalentâ€• value for â€œnâ€• then use a factor of 0.05 instead of 0.25 in the formula) and m=volume of pr use in mL. For example to raise 20 gallons* by 0.20 mg/L nitrogen you would use: 0.25*20*0.20=1 mL.

Because one-half of the nitrogen in Flourish Nitrogenâ„¢ is from nitrate you can get a reasonable estimate of nitrogen levels by doubling a nitrate reading, or, you can use Seachemâ€™s MultiTest: Total Nitrogenâ„¢ (coming soon!) to accurately measure total nitrogen while distinguishing between nitrate, ammonia and organic nitrogen.Available Sizes: 100 ml, 250 ml, 500 ml, 2 L, 4 L, 20 L