

Guaranteed analysis

Total Nitrogen(N) . . . . .	.5%
5.0% Nitrate Nitrogen	
Available Phosphate(P ₂ O ₅) . . . . .	.11%
Soluble Potash(K ₂ O) . . . . .	.26%
Magnesium(Mg) . . . . .	.6.0%
6.0% Water Soluble Magnesium (Mg)	
Sulfur(S) . . . . .	.8.0%
8.0% Combined Sulfur (S)	
Boron(B) . . . . .	.0.05%
Copper(Cu) . . . . .	.0.015%
0.015% Chelated Copper (Cu)	
Iron(Fe) . . . . .	.0.3%
0.3% Chelated Iron (Fe)	
Manganese(Mn) . . . . .	.0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum(Mo) . . . . .	.0.01%
Zinc(Zn) . . . . .	.0.015%
0.015% Chelated Zinc (Zn)	

Derived from: Potassium Nitrate, Magnesium Sulfate, Monopotassium Phosphate, Iron EDTA, Manganese EDTA, Boric Acid, Zinc EDTA, Copper EDTA, Sodium Molybdate

Product properties

Potential basicity	215 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	2.23 mmhos/cm.
Maximum solubility	3 lbs./gal.

Directions

1. Dissolve 130 ounces (or 8 pounds, 2 ounces) of product in 1000 gallons of water to obtain the following concentrations:

	PPM
Nitrogen (all Nitrate N)	50
Phosphorus (P)	48
Potassium (K)	216
Magnesium (Mg)	60
Sulfur (S)	80
Iron (Fe)	3
Manganese (Mn)	0.50
Zinc (Zn)	0.15
Copper (Cu)	0.15
Boron (B)	0.50
Molybdenum (Mo)	0.10

2. Test your water to determine if additional magnesium is required (an average of 50 to 75 ppm magnesium is desirable for most crops). If additional magnesium is required, dissolve epsom salts into tank (one ounce of epsom salts dissolved in 100 gallons supplies 7.5 ppm magnesium).

3. After the Hydroponic Special and any epsom salts are fully dissolved, proceed to supplement your crop with required concentrations of N and Ca.

Example: Dissolve 86 ounces of Calcium Nitrate a 1000 gallon solution. The total nutrient concentration will be: Nitrogen as N: 150 ppm N, Calcium as Ca: 116 ppm Ca.