

Guaranteed analysis

Available Phosphate (P ₂ O ₅)	15%
Soluble Potash (K ₂ O)	30%
Magnesium (Mg)	5.5%
5.5% Water Soluble Magnesium (Mg)	
Sulfur (S)	14.1%
14.1% Combined Sulfur (S)	
Boron (B)	0.025%
Copper (Cu)	0.01%
0.01% Chelated Copper (Cu)	
Iron (Fe)	0.15%
0.15% Chelated Iron (Fe)	
Manganese (Mn)	0.03%
0.03% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.006%
Zinc (Zn)	0.009%
0.009% Chelated Zinc (Zn)	

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

Product properties

Potential acidity	0 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm K)	0.435 mmhos/cm.
Maximum solubility	1.5 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)	0
Phosphorus (P)	64
Potassium (K)	243
Magnesium (Mg)	54
Sulfur (S)	138
Iron (Fe)	1.5
Manganese (Mn)	0.29
Zinc (Zn)	0.09
Copper (Cu)	0.09
Boron (B)	0.25
Molybdenum (Mo)	0.06

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 product and any epsom salts are fully dissolved, proceed to supplement with required concentrations of nitrogen and calcium. Example: dissolve 80 ounces of Peters Professional 14-0-8 Hydroponic Boost. The total nutrient concentration will be: nitrogen as N: 189 ppm, calcium as Ca: 183 ppm, and magnesium as MG: 12 ppm.