

PETERS PROFESSIONAL[®] S.T.E.M.[™] SOLUBLE TRACE ELEMENT MIX

The industry's standard micronutrient supplement, providing the all-important "quick fix" nutrition for more than 50 years.

- C (Customizing) component can be used with a variety of B (Base) formulations
- Effective for all Water Types
- Contains the ideal balance of all essential micronutrients

Guaranteed Analysis

Sulfur (S)	13.0%
13.0% combined sulfur (S)	
Boron (B)	1.35%
Copper (Cu)	2.30%
2.30% water soluble copper (Cu)	
Iron (Fe)	7.50%
7.50% water soluble iron (Fe)	
Manganese (Mn) (Total)	8.00%
8.00% water soluble manganese (Mn)	
Molybdenum (Mo)	0.04%
Zinc (Zn)	4.50%
4.50% water soluble zinc (Zn)	

Derived from: magnesium sulfate, boric acid, copper sulfate, iron sulfate, manganese sulfate, ammonium molybdate, zinc sulfate.

99900



Drench one time, corrective application: Add 2 to 8 oz of Peters Professional S.T.E.M. per 100 gallons of water.

Minor Element Levels (ppm) Achieved				
Application Rate (oz/100 gal)	2	4	6	8
Sulfur (S)	21	42	63	84
Boron (B)	2	4	6	8
Copper (Cu)	4.8	9.6	14.4	19.2
Iron (Fe)	11.25	22.5	33.75	45
Manganese (Mn)	12	24	36	48
Molybdenum (Mo)	0.06	0.12	0.18	0.24
Zinc (Zn)	6.75	13.5	20.25	27
E.C. mmhos/cm	0.12	0.24	0.36	0.48

Continuous Feeding: Boost trace elements with every feeding—add 0.1 oz (2.8 grams) to 0.3 oz (8.5 grams) of Peters Professional S.T.E.M. per 100 gallons of water. One-half level teaspoon holds approximately 0.1 oz.

Minor Element Levels (ppm) Achieved			
Application Rate (oz/100 gal)	0.1	0.2	0.3
Sulfur (S)	1.05	2.10	3.15
Boron (B)	0.10	0.20	0.30
Copper (Cu)	0.24	0.48	0.72
Iron (Fe)	0.56	1.13	1.69
Manganese (Mn)	0.6	1.2	1.8
Molybdenum (Mo)	0.003	0.006	0.009
Zinc (Zn)	0.34	0.68	1.01

1. Fill the tank to approximately 1/3 tank volume. (Note: if possible use warm water to more quickly dissolve the fertilizer.)
2. Add mineral acid only if necessary (addition may be required with alkalinity levels greater than 250 mg/L calcium carbonate).
3. Add S.T.E.M. and any other compatible fertilizer and stir vigorously.
4. Top off the tank volume with water.

Mixing For Watering Cans, Spray Tanks (No Injectors) using Approximate Volume Measures			
Amount of Fertilizer*	Low Application Rate	Medium Application Rate	High Application Rate
1 tsp	9 gallons	4.5 gallons	2.25 gallons
1 tbsp	27 gallons	13.5 gallons	6.75 gallons
1 cup	432 gallons	216 gallons	108 gallons

*level measurements