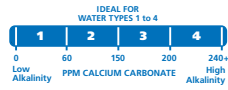
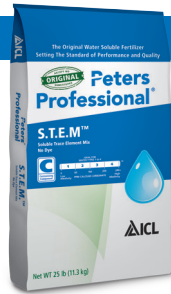


Peters Professional[®]

S.T.E.M.[™]

SOLUBLE TRACE ELEMENT MIX

SKU# E99900, G99900



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) | 2.3% |
| 2.3% Water Soluble Copper (Cu) | |
| Iron (Fe) | 7.5% |
| 7.5% Water Soluble Iron (Fe) | |
| Manganese (Mn) | 8.0% |
| 8.0% Water Soluble Manganese (Mn) | |
| Molybdenum (Mo) | 0.04% |
| Zinc (Zn) | 4.5% |
| 4.5% Water Soluble Zinc (Zn) | |

Derived from: Magnesium Sulfate, Boric Acid, Copper Sulfate, Iron Sulfate, Manganese Sulfate, Ammonium Molybdate, Zinc Sulfate

| 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 gal | 4.5 gal | 2.25 gal |
| 1 tbsp | 27 gal | 13.5 gal | 6.75 gal |
| 1 cup | 432 gal | 216 gal | 108 gal |

*level measurements

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 g) to 0.3 oz (8.5 g) 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.