

Guaranteed analysis

Boron(B)	0.13%
Copper(Cu)	0.125%
0.125% Water-soluble Copper (Cu)	
Iron(Fe)	4.6%
4.6% Water-soluble Iron (Fe)	
Manganese(Mn)	1.25%
1.25% Water-soluble Manganese (Mn)	
Molybdenum(Mo)	0.015%
Zinc(Zn)	0.6%
0.6% Water-soluble Zinc (Zn)	

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

WARNING: This fertilizing material contains Boron (B). Use on any crops other than those recommended may result in serious injury to the crop(s). This fertilizer contains more than .001% Molybdenum (Mo). The application of fertilizing materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals.

One-time, corrective drench mixing directions

1. Fill tank with water to 1/3 volume (use warm water if possible).
2. Add mineral acid if necessary (alkalinity levels greater than 250 mg./L calcium carbonate).
3. Add Liquid STEM (and other compatible fertilizers) and stir vigorously.
4. Top off tank with water.

One-time, corrective drench / spray application rates

Injector application: 2-8 fluid ounces of Liquid STEM per gallon of stock solution (1:100 injector), or 4-16 fluid ounces per gallon (1:200 injector).

Non-injector application: 2-8 fluid ounces of Liquid STEM per 100 gallons of water.

Foliar spray applications: 2-4 fluid ounces of Liquid STEM per 100 gallons of water.

Fertilizer	Low	Medium	High
Fl. oz./100 gal.	2	4	6
MI./100 gal.	59	118	178

Micronutrient levels achieved (ppm)

Boron (B)	0.26	0.53	0.79	1.06
Copper (Cu)	0.25	0.51	0.76	1.02
Iron (Fe)	9.34	18.7	28.0	37.4
Manganese (Mn)	2.54	5.1	7.6	10.2
Molybdenum (Mo)	0.03	0.06	0.09	0.12
Zinc (Zn)	1.22	2.4	3.7	4.9

One-time, corrective drench / spray application rates (non-injector)

Smaller volume, conventional measurements: add indicated amounts of Liquid STEM to specified volumes of water to approximate rates in table above.

Fertilizer	Low	Medium	High
1 tsp.	8.3 gal.	4.1 gal.	2.8 gal.
1 tbsp.	25 gal.	12.5 gal.	8.3 gal.
1 cup	400 gal.	200 gal.	133.3 gal.

Continuous feed application rates

Injector application: 3.5-10 milliliters of Liquid STEM per gallon of stock solution (1:100 injector), or 7-20 milliliters per gallon (1:200 injector).

Non-injector application: 0.12-0.34 fluid ounces of Liquid STEM per 100 gallons of water.

Mix tank: 3.5-10 milliliters of Liquid STEM per 100 gallons of water.

Fertilizer	Low	Medium	High
Fl. oz./100 gal.	0.12	0.24	0.34
MI./100 gal.	3.5	7.0	10.0

Micronutrient levels achieved (ppm)

Boron (B)	0.016	0.032	0.048
Copper (Cu)	0.015	0.03	0.046
Iron (Fe)	0.56	1.12	1.68
Manganese (Mn)	0.15	0.3	0.46
Molybdenum (Mo)	0.002	0.004	0.005
Zinc (Zn)	0.07	0.15	0.22