

**Guaranteed analysis**

Total Nitrogen (N).....	15%
6.5% Ammoniacal Nitrogen	
8.50% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	16%
Soluble Potash (K <sub>2</sub> O).....	17%
Magnesium (Mg).....	2.7%
2.7% Water Soluble Magnesium (Mg)	
Boron (B).....	0.02%
Copper (Cu).....	0.0192%
0.0192% Chelated Copper (Cu)	
Iron (Fe).....	0.076%
0.076% Chelated Iron (Fe)	
Manganese (Mn).....	0.038%
0.038% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.0078%
Zinc (Zn).....	0.04%
0.04% Chelated Zinc (Zn)	

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

**Mix ratios (non-injector)**

Fertilizer	+	Water (gallons)	=	Approx. N (ppm)
1 tsp. (level)		1		197
1 tbsp. (level)		2		296
1 cup (level)		25		378

**Product properties**

Potential basicity	384.53 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.83 mmhos/cm.
Maximum solubility	3.2 lbs./gal.

**Weight (oz.) of product needed to mix one gallon of concentrate**

Target concentration (N/ppm) after dilution	Injector ratios					EC (mmhos/cm.) of target feed rate after dilution
	1:15	1:100	1:128	1:200	1:300	
	25	0.3	2.2	2.8	4.5	
50	0.7	4.5	5.7	8.9	13.4	0.42
75	1.0	6.7	8.5	13.4	20.0	0.62
100	1.3	8.9	11.4	17.8	26.7	0.83
125	1.7	11.1	14.2	22.3	33.4	1.04
150	2.0	13.4	17.1	26.7	40.1	1.25
175	2.3	15.6	19.9	31.2	46.7	1.45
200	2.7	17.8	22.8	35.6	EMS	1.66
250	3.3	22.3	28.5	44.5	EMS	2.08
300	4.0	26.7	34.2	EMS	EMS	2.49
350	4.7	31.2	39.9	EMS	EMS	2.91
400	5.3	35.6	45.6	EMS	EMS	3.32
450	6.0	40.1	EMS	EMS	EMS	3.74
500	6.7	44.5	EMS	EMS	EMS	4.15
600	8.0	EMS	EMS	EMS	EMS	4.98

EMS = exceeds maximum solubility

**Gallons of water needed to dissolve one 25 lb. bag of fertilizer**

Target concentration (N/ppm) after dilution	Injector ratios					EC (mmhos/cm.) of target feed rate after dilution
	1:15	1:100	1:128	1:200	1:300	
	25	1198.4	179.8	140.4	89.9	
50	599.2	89.9	70.2	44.9	30.0	0.42
75	399.5	59.9	46.8	30.0	20.0	0.62
100	299.6	44.9	35.1	22.5	15.0	0.83
125	239.7	36.0	28.1	18.0	12.0	1.04
150	199.7	30.0	23.4	15.0	10.0	1.25
175	171.2	25.7	20.1	12.8	8.6	1.45
200	149.8	22.5	17.6	11.2	EMS	1.66
250	119.8	18.0	14.0	9.0	EMS	2.08
300	99.9	15.0	11.7	EMS	EMS	2.49
350	85.6	12.8	10.0	EMS	EMS	2.91
400	74.9	11.2	8.8	EMS	EMS	3.32
450	66.6	10.0	EMS	EMS	EMS	3.74
500	59.9	9.0	EMS	EMS	EMS	4.15
600	49.9	EMS	EMS	EMS	EMS	4.98

EMS = exceeds maximum solubility