

**Guaranteed analysis**

Total Nitrogen (N).....	10%
5.0% Ammoniacal Nitrogen	
5.0% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	30%
Soluble Potash (K <sub>2</sub> O).....	20%
Magnesium (Mg).....	1.3%
1.3% Water Soluble Magnesium (Mg)	
Boron (B).....	0.0125%
Copper (Cu).....	0.0125%
0.0125% Chelated Copper (Cu)	
Iron (Fe).....	0.05%
0.05% Chelated Iron (Fe)	
Manganese (Mn).....	0.025%
0.025% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.005%
Zinc (Zn).....	0.025%
0.025% Water Soluble Zinc (Zn)	

Derived from: Ammonium Phosphate, Potassium Nitrate, Potassium Phosphate, 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		129
1 tbsp. (level)		2		194
1 cup (level)		25		248

**Product properties**

Potential basicity	365 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.86 mmhos/cm.
Maximum solubility	3.25 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	0.5	3.4	4.3	6.8	
50	1.0	6.8	8.6	13.5	20.3	0.43
75	1.5	10.1	13.0	20.3	30.4	0.65
100	2.0	13.5	17.3	27.0	40.5	0.86
125	2.5	16.9	21.6	33.8	50.6	1.08
150	3.0	20.3	25.9	40.5	EMS	1.29
175	3.5	23.6	30.2	47.3	EMS	1.51
200	4.1	27.0	34.6	EMS	EMS	1.72
250	5.1	33.8	43.2	EMS	EMS	2.15
300	6.1	40.5	51.8	EMS	EMS	2.58
350	7.1	47.3	EMS	EMS	EMS	3.01
400	8.1	EMS	EMS	EMS	EMS	3.44
450	9.1	EMS	EMS	EMS	EMS	3.87
500	10.1	EMS	EMS	EMS	EMS	4.30
600	12.2	EMS	EMS	EMS	EMS	5.16

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	790.1	118.5	92.6	59.3	
50	395.1	59.3	46.3	29.6	19.8	0.43
75	263.4	39.5	30.9	19.8	13.2	0.65
100	197.5	29.6	23.1	14.8	9.9	0.86
125	158.0	23.7	18.5	11.9	7.9	1.08
150	131.7	19.8	15.4	9.9	EMS	1.29
175	112.9	16.9	13.2	8.5	EMS	1.51
200	98.8	14.8	11.6	EMS	EMS	1.72
250	79.0	11.9	9.3	EMS	EMS	2.15
300	65.8	9.9	7.7	EMS	EMS	2.58
350	56.4	8.5	EMS	EMS	EMS	3.01
400	49.4	EMS	EMS	EMS	EMS	3.44
450	43.9	EMS	EMS	EMS	EMS	3.87
500	39.5	EMS	EMS	EMS	EMS	4.30
600	32.9	EMS	EMS	EMS	EMS	5.16

EMS = exceeds maximum solubility