

**Guaranteed analysis**

Total Nitrogen (N) . . . . .	20%
4.1% Ammoniacal Nitrogen	
5.5% Nitrate Nitrogen	
10.4% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	20%
Soluble Potash (K <sub>2</sub> O) . . . . .	20%
Magnesium (Mg) . . . . .	0.05%
0.05% 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% Chelated Zinc (Zn)	

Derived from: Ammonium Phosphate, Potassium Nitrate, Urea, 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		238
1 tbsp. (level)		2		357
1 cup (level)		25		457

**Product properties**

Potential basicity	591 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.43 mmhos/cm.
Maximum solubility	3.6 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	1.7	2.2	3.4	
50	0.5	3.4	4.3	6.8	10.1	0.21
75	0.8	5.1	6.5	10.1	15.2	0.31
100	1.0	6.8	8.6	13.5	20.2	0.41
125	1.3	8.4	10.8	16.9	25.3	0.51
150	1.5	10.1	13.0	20.3	30.4	0.62
175	1.8	11.8	15.1	23.6	35.4	0.72
200	2.0	13.5	17.3	27.0	40.5	0.82
250	2.5	16.9	21.6	33.8	50.6	1.03
300	3.0	20.3	25.9	40.5	EMS	1.23
350	3.5	23.6	30.2	47.3	EMS	1.44
400	4.1	27.0	34.6	54.0	EMS	1.64
450	4.6	30.4	38.9	EMS	EMS	1.85
500	5.1	33.8	43.2	EMS	EMS	2.05
600	6.1	40.5	51.8	EMS	EMS	2.46

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	1580.2	237.0	185.2	118.5	
50	790.1	118.5	92.6	59.3	39.5	0.21
75	526.7	79.0	61.7	39.5	26.3	0.31
100	395.1	59.3	46.3	29.6	19.8	0.41
125	316.1	47.4	37.0	23.7	15.8	0.51
150	263.4	39.5	30.9	19.8	13.2	0.62
175	225.7	33.9	26.5	16.9	11.3	0.72
200	197.5	29.6	23.1	14.8	9.9	0.82
250	158.0	23.7	18.5	11.9	7.9	1.03
300	131.7	19.8	15.4	9.9	EMS	1.23
350	112.9	16.9	13.2	8.5	EMS	1.44
400	98.8	14.8	11.6	7.4	EMS	1.64
450	87.8	13.2	10.3	EMS	EMS	1.85
500	79.0	11.9	9.3	EMS	EMS	2.05
600	65.8	9.9	7.7	EMS	EMS	2.46

EMS = exceeds maximum solubility