

Guaranteed analysis

Total Nitrogen (N).....	18%
7.3% Ammoniacal Nitrogen	
10.7% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅).....	8%
Soluble Potash (K ₂ O).....	17%
Magnesium (Mg).....	2.5%
2.5% Water Soluble Magnesium (Mg)	
Sulfur (S).....	1.0%
1.0% Combined Sulfur (S)	
Boron (B).....	0.0225%
Copper (Cu).....	0.0225%
0.0225% Chelated Copper (Cu)	
Iron (Fe).....	0.09%
0.09% Chelated Iron (Fe)	
Manganese (Mn).....	0.045%
0.045% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.009%
Zinc (Zn).....	0.045%
0.045% Chelated Zinc (Zn)	

Derived from: Ammonium Nitrate, 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		267
1 tbsp. (level)		2		400
1 cup (level)		25		512

Product properties

Potential basicity	381 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.65 mmhos/cm.
Maximum solubility	3 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	1.9	2.4	3.8	
50	0.6	3.8	4.8	7.5	11.3	0.33
75	0.8	5.6	7.2	11.3	16.9	0.49
100	1.1	7.5	9.6	15.0	22.5	0.65
125	1.4	9.4	12.0	18.8	28.1	0.81
150	1.7	11.3	14.4	22.5	33.8	0.98
175	2.0	13.1	16.8	26.3	39.4	1.14
200	2.3	15.0	19.2	30.0	45.0	1.30
250	2.8	18.8	24.0	37.5	EMS	1.63
300	3.4	22.5	28.8	45.0	EMS	1.95
350	3.9	26.3	33.6	EMS	EMS	2.28
400	4.5	30.0	38.4	EMS	EMS	2.60
450	5.1	33.8	43.2	EMS	EMS	2.93
500	5.6	37.5	48.0	EMS	EMS	3.25
600	6.8	45.0	EMS	EMS	EMS	3.90

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	1422.2	213.3	166.7	106.7	
50	711.1	106.7	83.3	53.3	35.6	0.33
75	474.1	71.1	55.6	35.6	23.7	0.49
100	355.6	53.3	41.7	26.7	17.8	0.65
125	284.4	42.7	33.3	21.3	14.2	0.81
150	237.0	35.6	27.8	17.8	11.9	0.98
175	203.2	30.5	23.8	15.2	10.2	1.14
200	177.8	26.7	20.8	13.3	8.9	1.30
250	142.2	21.3	16.7	10.7	7.1	1.63
300	118.5	17.8	13.9	8.9	EMS	1.95
350	101.6	15.2	11.9	EMS	EMS	2.28
400	88.9	13.3	10.4	EMS	EMS	2.60
450	79.0	11.9	9.3	EMS	EMS	2.93
500	71.1	10.7	8.3	EMS	EMS	3.25
600	59.3	8.9	EMS	EMS	EMS	3.90

EMS = exceeds maximum solubility