

Guaranteed analysis

Total Nitrogen (N)	21%
10.4% Ammoniacal Nitrogen	
10.6% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	7%
Soluble Potash (K ₂ O)	7%
Magnesium (Mg)	0.6%
0.6% Water Soluble Magnesium (Mg)	
Sulfur (S)	13.0%
13.0% Combined Sulfur (S)	
Boron (B)	0.0262%
Copper (Cu)	0.0262%
0.0262% Chelated Copper (Cu)	
Iron (Fe)	0.15%
0.15% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.01%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

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

Mix ratios (non-injector)

<u>Fertilizer</u>	<u>+</u>	<u>Water (gallons)</u>	<u>=</u>	<u>Approx. N (ppm)</u>
1 tsp		1		245
1 tbsp		2		368
1 cup		25		471

Product properties

Potential basicity	1518 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.52 mmhos/cm.
Maximum solubility	4 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	0.2	1.6	2.1	3.2	
50	0.5	3.2	4.1	6.4	9.6	0.26
75	0.7	4.8	6.2	9.6	14.5	0.39
100	1.0	6.4	8.2	12.9	19.3	0.52
125	1.2	8.0	10.3	16.1	24.1	0.65
150	1.4	9.6	12.3	19.3	28.9	0.78
175	1.7	11.3	14.4	22.5	33.8	0.91
200	1.9	12.9	16.5	25.7	38.6	1.04
250	2.4	16.1	20.6	32.2	48.2	1.30
300	2.9	19.3	24.7	38.6	57.9	1.56
350	3.4	22.5	28.8	45.0	EMS	1.82
400	3.9	25.7	32.9	51.4	EMS	2.08
450	4.3	28.9	37.0	57.9	EMS	2.34
500	4.8	32.2	41.2	EMS	EMS	2.60
600	5.8	38.6	49.4	EMS	EMS	3.12

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	1658.9	248.8	194.4	124.4	
50	829.4	124.4	97.2	62.2	41.5	0.26
75	553.0	82.9	64.8	41.5	27.6	0.39
100	414.7	62.2	48.6	31.1	20.7	0.52
125	331.8	49.8	38.9	24.9	16.6	0.65
150	276.5	41.5	32.4	20.7	13.8	0.78
175	237.0	35.5	27.8	17.8	11.8	0.91
200	207.4	31.1	24.3	15.6	10.4	1.04
250	165.9	24.9	19.4	12.4	8.3	1.30
300	138.2	20.7	16.2	10.4	6.9	1.56
350	118.5	17.8	13.9	8.9	EMS	1.82
400	103.7	15.6	12.2	7.8	EMS	2.08
450	92.2	13.8	10.8	6.9	EMS	2.34
500	82.9	12.4	9.7	EMS	EMS	2.60
600	69.1	10.4	8.1	EMS	EMS	3.12

EMS = exceeds maximum solubility