

Guaranteed analysis

Total Nitrogen (N)	20%
7.8% Ammoniacal Nitrogen	
12.2% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	19%
Magnesium (Mg)	1.6%
1.6% Water Soluble Magnesium (Mg)	
Sulfur(S)	2.8%
2.8% Combined Sulfur (S)	
Boron (B)	0.026%
Copper (Cu)	0.024%
0.024% Chelated Copper (Cu)	
Iron (Fe)	0.2%
0.2% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.011%
Zinc (Zn)	0.052%
0.052% Chelated Zinc (Zn)	

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

WARNING: This fertilizing material contains Boron (B). Use on any crops other than those recommended may result in serious injury to the crop(s). This fertilizer contains more than .001% Molybdenum (Mo). The application of fertilizing materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals.

Mix ratios (non-injector)

Fertilizer	+	Water (gallons)	=	Approx. N (ppm)
1 tsp. (level)		1		305
1 tbsp. (level)		2		457
1 cup (level)		25		585

Product properties

Potential acidity	377.7 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.77 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	0.3	1.7	2.2	3.4	
50	0.5	3.4	4.3	6.8	10.1	0.39
75	0.8	5.1	6.5	10.1	15.2	0.58
100	1.0	6.8	8.6	13.5	20.3	0.77
125	1.3	8.4	10.8	16.9	25.3	0.96
150	1.5	10.1	13.0	20.3	30.4	1.16
175	1.8	11.8	15.1	23.6	35.4	1.35
200	2.0	13.5	17.3	27.0	40.5	1.54
250	2.5	16.9	21.6	33.8	50.6	1.93
300	3.0	20.3	25.9	40.5	60.8	2.31
350	3.5	23.6	30.2	47.3	70.9	2.70
400	4.1	27.0	34.6	54.0	EMS	3.08
450	4.6	30.4	38.9	60.8	EMS	3.47
500	5.1	33.8	43.2	67.5	EMS	3.85
600	6.1	40.5	51.8	EMS	EMS	4.62

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	0.39
75	526.7	79.0	61.7	39.5	26.3	0.58
100	395.1	59.3	46.3	29.6	19.8	0.77
125	316.0	47.4	37.0	23.7	15.8	0.96
150	263.4	39.5	30.9	19.8	13.2	1.16
175	225.7	33.9	26.5	16.9	11.3	1.35
200	197.5	29.6	23.1	14.8	9.9	1.54
250	158.0	23.7	18.5	11.9	7.9	1.93
300	131.7	19.8	15.4	9.9	6.6	2.31
350	112.9	16.9	13.2	8.5	5.6	2.70
400	98.8	14.8	11.6	7.4	EMS	3.08
450	87.8	13.2	10.3	6.6	EMS	3.47
500	79.0	11.9	9.3	5.9	EMS	3.85
600	65.8	9.9	7.7	EMS	EMS	4.62

EMS = exceeds maximum solubility