

Guaranteed analysis

Total Nitrogen (N)	13%
0.4% Ammoniacal Nitrogen (N-NH ₄)	
12.6% Nitrate Nitrogen (N-NO ₃)	
Available Phosphate (P ₂ O ₅)	2%
Soluble Potash (K ₂ O)	13%
Calcium (Ca)	6%
Magnesium (Mg)	3%
3.0% Water Soluble Magnesium (Mg)	

Derived from: Ammonium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate

Mix ratios (non-injector)

Fertilizer	+	Water (gallons)	=	Approx. N (ppm)
1 tsp. (level)		1		160
1 tbsp. (level)		2		240
1 cup (level)		25		307
1 pound		100		159

Product properties

Potential basicity	356 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.74 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	0.4	2.6	3.3	5.2	
50	0.8	5.2	6.6	10.4	15.6	0.37
75	1.2	7.8	10.0	15.6	23.4	0.56
100	1.6	10.4	13.3	20.8	31.1	0.74
125	1.9	13.0	16.6	26.0	38.9	0.93
150	2.3	15.6	19.9	31.1	46.7	1.11
175	2.7	18.2	23.3	36.3	EMS	1.30
200	3.1	20.8	26.6	41.5	EMS	1.48
250	3.9	26.0	33.2	EMS	EMS	1.85
300	4.7	31.1	39.9	EMS	EMS	2.22
350	5.4	36.3	46.5	EMS	EMS	2.59
400	6.2	41.5	EMS	EMS	EMS	2.96
450	7.0	46.7	EMS	EMS	EMS	3.33
500	7.8	EMS	EMS	EMS	EMS	3.70
600	9.3	EMS	EMS	EMS	EMS	4.44

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	1027.6	154.1	120.4	77.1	
50	513.8	77.1	60.2	38.5	25.7	0.37
75	342.5	51.4	40.1	25.7	17.1	0.56
100	256.9	38.5	30.1	19.3	12.8	0.74
125	205.5	30.8	24.1	15.4	10.3	0.93
150	171.3	25.7	20.1	12.8	8.6	1.11
175	146.8	22.0	17.2	11.0	EMS	1.30
200	128.5	19.3	15.1	9.6	EMS	1.48
250	102.8	15.4	12.0	EMS	EMS	1.85
300	85.6	12.8	10.0	EMS	EMS	2.22
350	73.4	11.0	8.6	EMS	EMS	2.59
400	64.2	9.6	EMS	EMS	EMS	2.96
450	57.1	8.6	EMS	EMS	EMS	3.33
500	51.4	EMS	EMS	EMS	EMS	3.70
600	42.8	EMS	EMS	EMS	EMS	4.44

EMS = exceeds maximum solubility