

Guaranteed analysis

Total Nitrogen (N).....	15%
2.0% Ammoniacal Nitrogen	
13.0% Nitrate Nitrogen	
Soluble Potash (K ₂ O)	15%
Calcium (Ca).....	5.0%
Magnesium (Mg)	2.0%
2.0% Water Soluble Magnesium (Mg)	
Boron (B).....	0.0187%
Copper (Cu)	0.0187%
0.0187% Chelated Copper (Cu)	
Iron (Fe)	0.075%
0.075% Chelated Iron (Fe)	
Manganese (Mn)	0.0375%
0.0375% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0075%
Zinc (Zn)	0.0375%
0.0375% Chelated Zinc (Zn)	

Derived from: Ammonium Nitrate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, 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		188
1 tbsp. (level)		2		282
1 cup (level)		25		360

Product properties

Potential basicity	221 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.71 mmhos/cm.
Maximum solubility	5 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	2.3	2.9	4.5	
50	0.7	4.5	5.8	9.0	13.5	0.36
75	1.0	6.8	8.6	13.5	20.3	0.53
100	1.4	9.0	11.5	18.0	27.0	0.71
125	1.7	11.3	14.4	22.5	33.8	0.89
150	2.0	13.5	17.3	27.0	40.5	1.07
175	2.4	15.8	20.2	31.5	47.3	1.24
200	2.7	18.0	23.0	36.0	54.0	1.42
250	3.4	22.5	28.8	45.0	67.5	1.78
300	4.1	27.0	34.6	54.0	EMS	2.13
350	4.7	31.5	40.3	63.0	EMS	2.49
400	5.4	36.0	46.1	72.0	EMS	2.84
450	6.1	40.5	51.8	EMS	EMS	3.20
500	6.8	45.0	57.6	EMS	EMS	3.55
600	8.1	54.0	69.1	EMS	EMS	4.26

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	1185.2	177.8	138.9	88.9	
50	592.6	88.9	69.4	44.4	29.6	0.36
75	395.1	59.3	46.3	29.6	19.8	0.53
100	296.3	44.4	34.7	22.2	14.8	0.71
125	237.0	35.6	27.8	17.8	11.9	0.89
150	197.5	29.6	23.1	14.8	9.9	1.07
175	169.3	25.4	19.8	12.7	8.5	1.24
200	148.1	22.2	17.4	11.1	7.4	1.42
250	118.5	17.8	13.9	8.9	5.9	1.78
300	98.8	14.8	11.6	7.4	EMS	2.13
350	84.7	12.7	9.9	6.3	EMS	2.49
400	74.1	11.1	8.7	5.6	EMS	2.84
450	65.8	9.9	7.7	EMS	EMS	3.20
500	59.3	8.9	6.9	EMS	EMS	3.55
600	49.4	7.4	5.8	EMS	EMS	4.26

EMS = exceeds maximum solubility