25-5-15
HIGH EFFICIENCY
G99087

Peters® Professional

Guaranteed Analysis

Total Nitrogen (N) 25%
10.8% Ammoniacal Nitrogen
14.2% Nitrate Nitrogen
Available Phosphate (P2O5) 5%
Soluble Potash (K2O) 15%
Boron (B) 0.039%
Copper (Cu) 0.035%
0.035% Chelated Copper (Cu)
Iron (Fe) 0.15%
0.15% Chelated Iron (Fe)
Manganese (Mn) 0.075%
0.075% Chelated Manganese (Mn)
Molybdenum (Mo) 0.015%
Zinc (Zn) 0.075%
0.075% Chelated Zinc (Zn)

Derived from: Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium 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		355
1 tbsp. (level)		2		533
1 cup (level)		25		731

Product properties

Potential basicity	593 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.57 mmhos/cm.
Maximum solubility	5.5 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	0.2	1.3	1.7	2.7	4.0	0.14
50	0.4	2.7	3.4	5.3	8.0	0.29
75	0.6	4.0	5.1	8.0	12.0	0.43
100	0.8	5.3	6.8	10.7	16.0	0.57
125	1.0	6.7	8.5	13.4	20.0	0.71
150	1.2	8.0	10.3	16.0	24.0	0.86
175	1.4	9.3	12.0	18.7	28.0	1.00
200	1.6	10.7	13.7	21.4	32.0	1.14
250	2.0	13.4	17.1	26.7	40.1	1.43
300	2.4	16.0	20.5	32.0	48.1	1.71
350	2.8	18.7	23.9	37.4	56.1	2.00
400	3.2	21.4	27.3	42.7	64.1	2.28
450	3.6	24.0	30.8	48.1	72.1	2.57
500	4.0	26.7	34.2	53.4	80.1	2.85
600	4.8	32.0	41.0	64.1	EMS	3.42

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	1997.3	299.6	234.1	149.8	99.9	0.14
50	998.7	149.8	117.0	74.9	49.9	0.29
75	665.8	99.9	78.0	49.9	33.3	0.43
100	499.3	74.9	58.5	37.4	25.0	0.57
125	399.5	59.9	46.8	30.0	20.0	0.71
150	332.9	49.9	39.0	25.0	16.6	0.86
175	285.3	42.8	33.4	21.4	14.3	1.00
200	249.7	37.4	29.3	18.7	12.5	1.14
250	199.7	30.0	23.4	15.0	10.0	1.43
300	166.4	25.0	19.5	12.5	8.3	1.71
350	142.7	21.4	16.7	10.7	7.1	2.00
400	124.8	18.7	14.6	9.4	6.2	2.28
450	111.0	16.6	13.0	8.3	5.5	2.57
500	99.9	15.0	11.7	7.5	5.0	2.85
600	83.2	12.5	9.8	6.2	EMS	3.42

EMS = exceeds maximum solubility

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