15-5-25
Peat-Lite Flowering Crop Special
G99220

Peters® Professional

Guaranteed analysis

Total Nitrogen (N) 15%
4.3% Ammoniacal Nitrogen
10.7% Nitrate Nitrogen
Available Phosphate (P_2O_5) 5%
Soluble Potash (K_2O) 25%
Magnesium (Mg) 2.5%
2.5% Water Soluble Magnesium (Mg)
Sulfur (S) 1.0%
1.0% Combined Sulfur (S)
Boron (B) 0.0068%
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) 0.075%
Zinc (Zn) 0.0375%
0.0375% Chelated Zinc (Zn)

Derived from: Ammonium Phosphate, Ammonium Nitrate, Potassium Nitrate, Magnesium Sulfate, 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		225
1 tbsp. (level)		2		338
1 cup (level)		25		433

Product properties

Potential basicity	48 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.77 mmhos/cm.
Maximum solubility	2.5 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	6.8	0.19
50	0.7	4.5	5.8	9.0	13.5	0.39
75	1.0	6.8	8.6	13.5	20.3	0.58
100	1.4	9.0	11.5	18.0	27.0	0.77
125	1.7	11.3	14.4	22.5	33.8	0.96
150	2.0	13.5	17.3	27.0	EMS	1.16
175	2.4	15.8	20.2	31.5	EMS	1.35
200	2.7	18.0	23.0	36.0	EMS	1.54
250	3.4	22.5	28.8	EMS	EMS	1.93
300	4.1	27.0	34.6	EMS	EMS	2.31
350	4.7	31.5	EMS	EMS	EMS	2.70
400	5.4	36.0	EMS	EMS	EMS	3.08
450	6.1	EMS	EMS	EMS	EMS	3.47
500	6.8	EMS	EMS	EMS	EMS	3.85
600	8.1	EMS	EMS	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	1185.2	177.8	138.9	88.9	59.3	0.19
50	592.6	88.9	69.4	44.4	29.6	0.39
75	395.1	59.3	46.3	29.6	19.8	0.58
100	296.3	44.4	34.7	22.2	14.8	0.77
125	237.0	35.6	27.8	17.8	11.9	0.96
150	197.5	29.6	23.1	14.8	EMS	1.16
175	169.3	25.4	19.8	12.7	EMS	1.35
200	148.1	22.2	17.4	11.1	EMS	1.54
250	118.5	17.8	13.9	EMS	EMS	1.93
300	98.8	14.8	11.6	EMS	EMS	2.31
350	84.7	12.7	EMS	EMS	EMS	2.70
400	74.1	11.1	EMS	EMS	EMS	3.08
450	65.8	EMS	EMS	EMS	EMS	3.47
500	59.3	EMS	EMS	EMS	EMS	3.85
600	49.4	EMS	EMS	EMS	EMS	4.62

EMS = exceeds maximum solubility

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