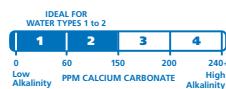


Peters Professional®



SKU# E99230, G99230

PRODUCT ANALYSIS AND RATES



**PEAT-LITE NEUTRAL
CAL-MAG**

Premium all-purpose formulation produces a nearly neutral reaction to help maintain steady pH in growing media.

- A (All-Purpose) formulation for constant, balanced nutrition
- Ideal for Water Types 1 and 2
- Contains Calcium, Magnesium and other minor elements

GUARANTEED ANALYSIS 17-3-17

Total Nitrogen (N)	17%
4.0% Ammoniacal Nitrogen	
13.0% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	17%
Calcium (Ca)	4.0%
Magnesium (Mg)	1.25%
1.25% Water Soluble Magnesium (Mg)	
Boron (B)	0.0212%
Copper (Cu)	0.0212%
0.0212% Chelated Copper (Cu)	
Iron (Fe)	0.0850%
0.0850% Chelated Iron (Fe)	
Manganese (Mn)	0.0425%
0.0425% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0085%
Zinc (Zn)	0.0425%
0.0425% Chelated Zinc (Zn)	

Derived from: Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	216
1 tbsp	2	324
1 cup	25	415

*level measurements

1 pound of fertilizer + 100 gallons of water = 203.7 ppm N

PRODUCT PROPERTIES	
Potential Basicity	27 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.65 mmhos/cm
Maximum Solubility	5 lbs/gal

WEIGHT (IN OUNCES) OF PRODUCT NEEDED TO MIX ONE GALLON OF CONCENTRATE						
Target Fertilizer Concentration (N/ppm) After Dilution	Common Injector Ratios					EC (mmhos/cm) of Target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300	
25	0.3	2.0	2.5	3.9	5.9	0.16
50	0.6	3.9	5.0	7.9	11.8	0.33
75	0.9	5.9	7.5	11.8	17.7	0.49
100	1.2	7.9	10.0	15.7	23.6	0.65
125	1.5	9.8	12.6	19.6	29.4	0.81
150	1.8	11.8	15.1	23.6	35.3	0.98
175	2.1	13.7	17.6	27.5	41.2	1.14
200	2.4	15.7	20.1	31.4	47.1	1.30
250	2.9	19.6	25.1	39.3	58.9	1.63
300	3.5	23.6	30.1	47.1	70.7	1.95
350	4.1	27.5	35.2	55.0	***	2.28
400	4.7	31.4	40.2	62.8	***	2.60
450	5.3	35.3	45.2	70.7	***	2.93
500	5.9	39.2	50.2	78.5	***	3.25
600	7.1	47.1	60.3	***	***	3.90

***Exceeds maximum solubility

GALLONS OF WATER REQUIRED TO DISSOLVE ONE 25 LB BAG OF FERTILIZER						
Target Fertilizer 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	1358.8	203.8	159.2	101.9	67.9	0.16
50	679.4	101.9	79.6	51.0	34.0	0.33
75	452.9	67.9	53.1	34.0	22.6	0.49
100	339.7	51.0	39.8	25.5	17.0	0.65
125	271.8	40.8	31.8	20.4	13.6	0.81
150	226.5	34.0	26.5	17.0	11.3	0.98
175	194.1	29.1	22.7	14.6	9.7	1.14
200	169.9	25.5	19.9	12.7	8.5	1.30
250	135.9	20.4	15.9	10.2	6.8	1.63
300	113.2	17.0	13.3	8.5	5.7	1.95
350	97.1	14.6	11.4	7.3	***	2.28
400	84.9	12.7	10.0	6.4	***	2.60
450	75.5	11.3	8.8	5.7	***	2.93
500	67.9	10.2	8.0	5.1	***	3.25
600	56.6	8.5	6.6	***	***	3.90

***Exceeds maximum solubility



Customer Service: 1-800-492-8255
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