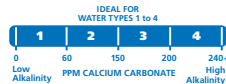


Peters Professional®



SKU# E99087, G99087

PRODUCT ANALYSIS AND RATES



HIGH EFFICIENCY

Economical to use: higher N % means you need less fertilizer to make up your desired ppm N concentration.

A high nitrate N % and low-phosphate feed that encourages dense, compact, healthy growth in all crop types.

- B (Base) formulation can be used alone or rotated with a C (Customizing) component
- Effective for all Water Types
- Contains a full range of essential micronutrients

GUARANTEED ANALYSIS **25-5-15**

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.

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	355
1 tbs	2	533
1 cup	25	731

*level measurements

1 pound of fertilizer + 100 gallons of water = 301.9 ppm N

PRODUCT PROPERTIES	
Potential Acidity	593 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.57 mmhos/cm
Maximum Solubility	5.5 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	0.2	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	***	3.42

*** 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	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	***	3.42

*** Exceeds maximum solubility.



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