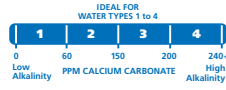


Peters® Professional



SKU# E99720*

PRODUCT ANALYSIS AND RATES



24-8-16

FOLIAGE SPECIAL

Classic low-phosphate ratio proven by Florida researches for tropical foliage and hanging baskets. Excellent choice for interiorscapes.

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

* Available in Canada SKU # E99723

GUARANTEED ANALYSIS 24-8-16

Total nitrogen (N)	24%
7.1% ammoniacal nitrogen	
8.7% nitrate nitrogen	
8.2% urea nitrogen	
Available phosphate (P ₂ O ₅)	8%
Soluble potash (K ₂ O)	16%
Magnesium (Mg)	0.35%
0.35% water soluble magnesium (Mg)	
Sulfur (S)	2.0%
2.0% combined sulfur (S)	
Boron (B)	0.015%
Copper (Cu)	0.015%
0.015% chelated copper (Cu)	
Iron (Fe)	0.06%
0.06% chelated iron (Fe)	
Manganese (Mn)	0.03%
0.03% chelated manganese (Mn)	
Molybdenum (Mo)	0.006%
Zinc (Zn)	0.03%
0.03% chelated zinc (Zn)	

Derived from: Ammonium Nitrate, Ammonium Phosphate, Ammonium Sulfate, Potassium Nitrate, Urea, Potassium Phosphate, Magnesium Sulfate, 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	285
1 tbs	2	428
1 cup	25	548

*level measurements

1 pound of fertilizer + 100 gallons of water = 287.6 ppm N

PRODUCT PROPERTIES	
Potential Acidity	726 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.45 mmhos/cm
Maximum Solubility	3 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	1.4	1.8	2.8	4.2	0.11
50	0.4	2.8	3.6	5.6	8.4	0.23
75	0.6	4.2	5.4	8.4	12.7	0.34
100	0.8	5.6	7.2	11.3	16.9	0.45
125	1.1	7.0	9.0	14.1	21.1	0.56
150	1.3	8.4	10.8	16.9	25.3	0.68
175	1.5	9.9	12.6	19.7	29.6	0.79
200	1.7	11.3	14.4	22.5	33.8	0.90
250	2.1	14.1	18.0	28.2	42.2	1.13
300	2.5	16.9	21.6	33.8	***	1.35
350	3.0	19.7	25.2	39.4	***	1.58
400	3.4	22.5	28.8	45.0	***	1.80
450	3.8	25.3	32.4	***	***	2.03
500	4.2	28.2	36.0	***	***	2.25
600	5.1	33.8	43.2	***	***	2.70

*** 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	1894.6	284.2	222.0	142.1	94.7	0.11
50	947.3	142.1	111.0	71.0	47.4	0.23
75	631.5	94.7	74.0	47.4	31.6	0.34
100	473.7	71.0	55.5	35.5	23.7	0.45
125	378.9	56.8	44.4	28.4	18.9	0.56
150	315.8	47.4	37.0	23.7	15.8	0.68
175	270.7	40.6	31.7	20.3	13.5	0.79
200	236.8	35.5	27.8	17.8	11.8	0.90
250	189.5	28.4	22.2	14.2	9.5	1.13
300	157.9	23.7	18.5	11.8	***	1.35
350	135.3	20.3	15.9	10.1	***	1.58
400	118.4	17.8	13.9	8.9	***	1.80
450	105.3	15.8	12.3	***	***	2.03
500	94.7	14.2	11.1	***	***	2.25
600	78.9	11.8	9.3	***	***	2.70

*** Exceeds maximum solubility.

