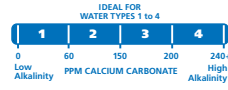


Peters[®] Professional



SKU# G99321

PRODUCT ANALYSIS AND RATES



**PEAT-LITE[®]
FLOWERING CROP SPECIAL
with black Iron**

New extra-iron formula for plants like petunias that thrive in growing media with lower pH.

- B (Base) formulation can be used alone or rotated with a C (Customizing) component
- Effective for all Water Types
- Contains Iron HBED, DTPA, EDTA with extra magnesium plus a full range of essential micronutrients

GUARANTEED ANALYSIS 15-3-25

Total Nitrogen (N)	15%
4.1% ammoniacal Nitrogen	
10.9% nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	25%
Magnesium (Mg)	3.4%
3.4% water soluble Magnesium (Mg)	
Sulfur (S)	4.4%
4.4% combined Sulfur (S)	
Boron (B)	0.019%
Copper (Cu)	0.019%
0.019% chelated Copper (Cu)	
Iron (Fe)	0.153%
0.153% chelated Iron (Fe)	
Manganese (Mn)	0.037%
0.037% chelated Manganese (Mn)	
Molybdenum (Mo)	0.0072%
Zinc (Zn)	0.037%
0.037% chelated Zinc (Zn)	

Derived From: Ammonium Nitrate, Mono Ammonium Phosphate, Potassium Nitrate, Magnesium Sulfate, Boric Acid, Copper EDTA, Iron EDTA, Iron DTPA, Iron HBED, Manganese EDTA, Sodium Molybdate, Zinc EDTA

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	232
1 tbsp	2	347
1 cup	25	445

*level measurements

1 pound of fertilizer + 100 gallons of water = 179.8 ppm N

PRODUCT PROPERTIES	
Potential Acidity	33.6 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.98 mmhos/cm
Maximum Solubility	3.0 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	2.3	2.9	4.5	6.8	0.25
50	0.7	4.5	5.8	9.0	13.5	0.49
75	1.0	6.8	8.6	13.5	20.3	0.74
100	1.4	9.0	11.5	18.0	27.0	0.98
125	1.7	11.3	14.4	22.5	33.8	1.23
150	2.0	13.5	17.3	27.0	40.5	1.47
175	2.4	15.8	20.2	31.5	47.3	1.72
200	2.7	18.0	23.0	36.0	***	1.96
250	3.4	22.5	28.8	45.0	***	2.45
300	4.1	27.0	34.6	***	***	2.94
350	4.7	31.5	40.3	***	***	3.43
400	5.4	36.0	46.1	***	***	3.92
450	6.1	40.5	***	***	***	4.41
500	6.8	45.0	***	***	***	4.90
600	8.1	***	***	***	***	5.88

*** 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	1185.2	177.8	138.9	88.9	59.3	0.25
50	592.6	88.9	69.4	44.4	29.6	0.49
75	395.1	59.3	46.3	29.6	19.8	0.74
100	296.3	44.4	34.7	22.2	14.8	0.98
125	237.0	35.6	27.8	17.8	11.9	1.23
150	197.5	29.6	23.1	14.8	9.9	1.47
175	169.3	25.4	19.8	12.7	8.5	1.72
200	148.1	22.2	17.4	11.1	***	1.96
250	118.5	17.8	13.9	8.9	***	2.45
300	98.8	14.8	11.6	***	***	2.94
350	84.7	12.7	9.9	***	***	3.43
400	74.1	11.1	8.7	***	***	3.92
450	65.8	9.9	***	***	***	4.41
500	59.3	8.9	***	***	***	4.90
600	49.4	***	***	***	***	5.88

*** Exceeds maximum solubility.