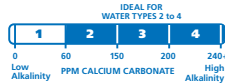


Peters Professional®



SKU# E99350, G99350

PRODUCT ANALYSIS AND RATES



**PEAT-LITE®
PLANT STARTER**

Useful when transplanting, before bloom initiation or whenever more phosphate is required.

- B (Base) formulation can be used alone or rotated with a C (Customizing) component
- Appropriate for Water Types 2, 3 and 4
- Contains a full range of essential micronutrients

GUARANTEED ANALYSIS 10-30-20

Total nitrogen (N)	10%
5.0% ammoniacal nitrogen	
5.0% nitrate nitrogen	
Available phosphate (P ₂ O ₅)	30%
Soluble potash (K ₂ O)	20%
Magnesium (Mg)	1.3%
1.3% water soluble magnesium (Mg)	
Boron (B)	0.0125%
Copper (Cu)	0.0125%
0.0125% chelated copper (Cu)	
Iron (Fe)	0.05%
0.05% chelated iron (Fe)	
Manganese (Mn)	0.025%
0.025% chelated manganese (Mn)	
Molybdenum (Mo)	0.005%
Zinc (Zn)	0.025%
0.025% water soluble zinc (Zn)	

Derived from: Ammonium Phosphate, Potassium Nitrate, 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	129
1 tbs	2	194
1 cup	25	248

*level measurements

1 pound of fertilizer + 100 gallons of water = 119.8 ppm N

PRODUCT PROPERTIES	
Potential Acidity	365 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.86 mmhos/cm
Maximum Solubility	3.25 lbs/gal

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	0.5	3.4	4.3	6.8	10.1	0.22
50	1.0	6.8	8.6	13.5	20.3	0.43
75	1.5	10.1	13.0	20.3	30.4	0.65
100	2.0	13.5	17.3	27.0	40.5	0.86
125	2.5	16.9	21.6	33.8	50.6	1.08
150	3.0	20.3	25.9	40.5	***	1.29
175	3.5	23.6	30.2	47.3	***	1.51
200	4.1	27.0	34.6	***	***	1.72
250	5.1	33.8	43.2	***	***	2.15
300	6.1	40.5	51.8	***	***	2.58
350	7.1	47.3	***	***	***	3.01
400	8.1	***	***	***	***	3.44
450	9.1	***	***	***	***	3.87
500	10.1	***	***	***	***	4.30
600	12.2	***	***	***	***	5.16

*** Exceeds maximum solubility.

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	790.1	118.5	92.6	59.3	39.5	0.22
50	395.1	59.3	46.3	29.6	19.8	0.43
75	263.4	39.5	30.9	19.8	13.2	0.65
100	197.5	29.6	23.1	14.8	9.9	0.86
125	158.0	23.7	18.5	11.9	7.9	1.08
150	131.7	19.8	15.4	9.9	***	1.29
175	112.9	16.9	13.2	8.5	***	1.51
200	98.8	14.8	11.6	***	***	1.72
250	79.0	11.9	9.3	***	***	2.15
300	65.8	9.9	7.7	***	***	2.58
350	56.4	8.5	***	***	***	3.01
400	49.4	***	***	***	***	3.44
450	43.9	***	***	***	***	3.87
500	39.5	***	***	***	***	4.30
600	32.9	***	***	***	***	5.16

*** Exceeds maximum solubility.