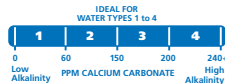


# Peters Professional®



SKU# E99270, G99270

## PRODUCT ANALYSIS AND RATES



**PEAT-LITE LOW PHOS SPECIAL**

A low-Phosphate feed that encourages dense, compact, healthy growth in plugs, liners, bedding plants and vegetable transplants.

- 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 20-2-20

Total Nitrogen (N) . . . . .	20%
7.2% Ammoniacal Nitrogen	
12.8% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	2%
Soluble Potash (K <sub>2</sub> O) . . . . .	20%
Magnesium (Mg) . . . . .	1.1%
1.1% Water Soluble Magnesium (Mg)	
Boron (B) . . . . .	0.025%
Copper (Cu) . . . . .	0.025%
0.025% Chelated Copper (Cu)	
Iron (Fe) . . . . .	0.1%
0.1% Chelated Iron (Fe)	
Manganese (Mn) . . . . .	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) . . . . .	0.01%
Zinc (Zn) . . . . .	0.05%
0.05% Chelated Zinc (Zn)	

**Derived from:** Ammonium Nitrate, 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	305
1 tbsp	2	457
1 cup	25	585

\*level measurements

1 pound of fertilizer + 100 gallons of water = 239.7 ppm N

PRODUCT PROPERTIES	
Potential Acidity . . . . .	290 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N . . . . .	0.60 mmhos/cm
Maximum Solubility . . . . .	3 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	0.3	1.7	2.2	3.4	5.1	0.15
50	0.5	3.4	4.3	6.8	10.1	0.30
75	0.8	5.1	6.5	10.1	15.2	0.45
100	1.0	6.8	8.6	13.5	20.3	0.60
125	1.3	8.4	10.8	16.9	25.3	0.75
150	1.5	10.1	13.0	20.3	30.4	0.90
175	1.8	11.8	15.1	23.6	35.4	1.05
200	2.0	13.5	17.3	27.0	40.5	1.20
250	2.5	16.9	21.6	33.8	***	1.50
300	3.0	20.3	25.9	40.5	***	1.80
350	3.5	23.6	30.2	47.3	***	2.10
400	4.1	27.0	34.6	***	***	2.40
450	4.6	30.4	38.9	***	***	2.70
500	5.1	33.8	43.2	***	***	3.00
600	6.1	40.5	***	***	***	3.60

\*\*\*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	1580.2	237.0	185.2	118.5	79.0	0.15
50	790.1	118.5	92.6	59.3	39.5	0.30
75	526.7	79.0	61.7	39.5	26.3	0.45
100	395.1	59.3	46.3	29.6	19.8	0.60
125	316.0	47.4	37.0	23.7	15.8	0.75
150	263.4	39.5	30.9	19.8	13.2	0.90
175	225.7	33.9	26.5	16.9	11.3	1.05
200	197.5	29.6	23.1	14.8	9.9	1.20
250	158.0	23.7	18.5	11.9	***	1.50
300	131.7	19.8	15.4	9.9	***	1.80
350	112.9	16.9	13.2	8.5	***	2.10
400	98.8	14.8	11.6	***	***	2.40
450	87.8	13.2	10.3	***	***	2.70
500	79.0	11.9	9.3	***	***	3.00
600	65.8	9.9	***	***	***	3.60

\*\*\*Exceeds maximum solubility



Customer Service: 1-800-492-8255  
[www.icl-sf.us.com](http://www.icl-sf.us.com)

©2017 ICL Fertilizers, Worldwide Rights Reserved.  
 4950 Blazer Memorial Parkway, Dublin, Ohio 43017