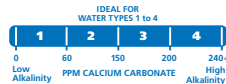


Peters Professional®



SKU# E99240, G99240

PRODUCT ANALYSIS AND RATES



PEAT-LITE HIGH MAG SPECIAL

Highly effective stand-alone fertilizer with extra Magnesium to maintain deep green foliage.

- B (Base) formulation for constant, balanced nutrition
- Excellent stand-alone for Water Types 3 and 4; use as a base in Water Types 1 and 2
- Contains a complete range of essential micronutrients

GUARANTEED ANALYSIS 18-8-17

| | |
|--|---------|
| Total Nitrogen (N) | 18% |
| 7.3% Ammoniacal Nitrogen | |
| 10.7% Nitrate Nitrogen | |
| Available Phosphate (P ₂ O ₅) | 8% |
| Soluble Potash (K ₂ O) | 17% |
| Magnesium (Mg) | 2.5% |
| 2.5% Water Soluble Magnesium (Mg) | |
| Sulfur (S) | 1.0% |
| 1.0% Combined Sulfur (S) | |
| Boron (B) | 0.0225% |
| Copper (Cu) | 0.0225% |
| 0.0225% Chelated Copper (Cu) | |
| Iron (Fe) | 0.09% |
| 0.09% Chelated Iron (Fe) | |
| Manganese (Mn) | 0.045% |
| 0.045% Chelated Manganese (Mn) | |
| Molybdenum (Mo) | 0.009% |
| Zinc (Zn) | 0.045% |
| 0.045% Chelated Zinc (Zn) | |

Derived from: Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, 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 | 267 |
| 1 tbsp | 2 | 400 |
| 1 cup | 25 | 512 |

*level measurements

1 pound of fertilizer + 100 gallons of water = 215.7 ppm N

| PRODUCT PROPERTIES | |
|---------------------------------|--|
| Potential Acidity | 381 lbs calcium carbonate equivalent per ton |
| Conductivity of 100 ppm N | 0.65 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 | 1.9 | 2.4 | 3.8 | 5.6 | 0.16 |
| 50 | 0.6 | 3.8 | 4.8 | 7.5 | 11.3 | 0.33 |
| 75 | 0.8 | 5.6 | 7.2 | 11.3 | 16.9 | 0.49 |
| 100 | 1.1 | 7.5 | 9.6 | 15.0 | 22.5 | 0.65 |
| 125 | 1.4 | 9.4 | 12.0 | 18.8 | 28.1 | 0.81 |
| 150 | 1.7 | 11.3 | 14.4 | 22.5 | 33.8 | 0.98 |
| 175 | 2.0 | 13.1 | 16.8 | 26.3 | 39.4 | 1.14 |
| 200 | 2.3 | 15.0 | 19.2 | 30.0 | 45.0 | 1.30 |
| 250 | 2.8 | 18.8 | 24.0 | 37.5 | *** | 1.63 |
| 300 | 3.4 | 22.5 | 28.8 | 45.0 | *** | 1.95 |
| 350 | 3.9 | 26.3 | 33.6 | *** | *** | 2.28 |
| 400 | 4.5 | 30.0 | 38.4 | *** | *** | 2.60 |
| 450 | 5.1 | 33.8 | 43.2 | *** | *** | 2.93 |
| 500 | 5.6 | 37.5 | 48.0 | *** | *** | 3.25 |
| 600 | 6.8 | 45.0 | *** | *** | *** | 3.90 |

***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 | 1422.2 | 213.3 | 166.7 | 106.7 | 71.1 | 0.16 |
| 50 | 711.1 | 106.7 | 83.3 | 53.3 | 35.6 | 0.33 |
| 75 | 474.1 | 71.1 | 55.6 | 35.6 | 23.7 | 0.49 |
| 100 | 355.6 | 53.3 | 41.7 | 26.7 | 17.8 | 0.65 |
| 125 | 284.4 | 42.7 | 33.3 | 21.3 | 14.2 | 0.81 |
| 150 | 237.0 | 35.6 | 27.8 | 17.8 | 11.9 | 0.98 |
| 175 | 203.2 | 30.5 | 23.8 | 15.2 | 10.2 | 1.14 |
| 200 | 177.8 | 26.7 | 20.8 | 13.3 | 8.9 | 1.30 |
| 250 | 142.2 | 21.3 | 16.7 | 10.7 | 7.1 | 1.63 |
| 300 | 118.5 | 17.8 | 13.9 | 8.9 | *** | 1.95 |
| 350 | 101.6 | 15.2 | 11.9 | *** | *** | 2.28 |
| 400 | 88.9 | 13.3 | 10.4 | *** | *** | 2.60 |
| 450 | 79.0 | 11.9 | 9.3 | *** | *** | 2.93 |
| 500 | 71.1 | 10.7 | 8.3 | *** | *** | 3.25 |
| 600 | 59.3 | 8.9 | *** | *** | *** | 3.90 |

***Exceeds maximum solubility



Customer Service: 1-800-492-8255
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