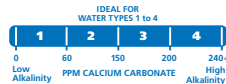


# Peters Professional®



SKU# E99252, G99252

## PRODUCT ANALYSIS AND RATES



# 20-10-20

**PEAT-LITE SPECIAL  
NO BORON**

Classic balance of nutrition in a no Boron option either to match irrigation waters that are high in Boron or to reduce boron levels in growing media.

- 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 **20-10-20**

|  |        |
|--|--------|
| Total Nitrogen (N) . . . . .                                   | 20%    |
| 8.0% Ammoniacal Nitrogen                                       |        |
| 12.0% Nitrate Nitrogen   |        |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . . | 10%    |
| Soluble Potash (K <sub>2</sub> O) . . . . .                    | 20%    |
| Magnesium (Mg) . . . . .                                       | 0.15%  |
| 0.15% Water Soluble Magnesium (Mg)                             |        |
| 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, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA

| 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                    | 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  | 0.44   |
| 100   | 1.0                    | 6.8   | 8.6   | 13.5  | 20.2  | 0.59   |
| 125   | 1.3                    | 8.4   | 10.8  | 16.9  | 25.3  | 0.74   |
| 150   | 1.5                    | 10.1  | 13.0  | 20.3  | 30.4  | 0.89   |
| 175   | 1.8                    | 11.8  | 15.1  | 23.6  | 35.4  | 1.03   |
| 200   | 2.0                    | 13.5  | 17.3  | 27.0  | 40.5  | 1.18   |
| 250   | 2.5                    | 16.9  | 21.6  | 33.8  | ***   | 1.48   |
| 300   | 3.0                    | 20.3  | 25.9  | 40.5  | ***   | 1.77   |
| 350   | 3.5                    | 23.6  | 30.2  | 47.3  | ***   | 2.07   |
| 400   | 4.1                    | 27.0  | 34.6  | ***   | ***   | 2.36   |
| 450   | 4.6                    | 30.4  | 38.9  | ***   | ***   | 2.66   |
| 500   | 5.1                    | 33.8  | 43.2  | ***   | ***   | 2.95   |
| 600   | 6.1                    | 40.5  | ***   | ***   | ***   | 3.54   |

\*\*\*Exceeds maximum solubility

| MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS) |                           |               |
|--|---------------------------|---------------|
| Amount of Fertilizer* +                              | Amount of Water (gallons) | Approx. ppm N |
| 1 tsp  | 1                         | 284           |
| 1 tbsp   | 2                         | 426           |
| 1 cup  | 25                        | 545           |

\*level measurements

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

| PRODUCT PROPERTIES                  |  |
|-------------------------------------|--|
| Potential Acidity . . . . .         | 402 lbs calcium carbonate equivalent per ton |
| Conductivity of 100 ppm N . . . . . | 0.59 mmhos/cm                                |
| Maximum Solubility . . . . .        | 3 lbs/gal                                    |

| 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  | 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  | 0.44   |
| 100   | 395.1           | 59.3  | 46.3  | 29.6  | 19.8  | 0.59   |
| 125   | 316.0           | 47.4  | 37.0  | 23.7  | 15.8  | 0.74   |
| 150   | 263.4           | 39.5  | 30.9  | 19.8  | 13.2  | 0.89   |
| 175   | 225.7           | 33.9  | 26.5  | 16.9  | 11.3  | 1.03   |
| 200   | 197.5           | 29.6  | 23.1  | 14.8  | 9.9   | 1.18   |
| 250   | 158.0           | 23.7  | 18.5  | 11.9  | ***   | 1.48   |
| 300   | 131.7           | 19.8  | 15.4  | 9.9   | ***   | 1.77   |
| 350   | 112.9           | 16.9  | 13.2  | 8.5   | ***   | 2.07   |
| 400   | 98.8            | 14.8  | 11.6  | ***   | ***   | 2.36   |
| 450   | 87.8            | 13.2  | 10.3  | ***   | ***   | 2.66   |
| 500   | 79.0            | 11.9  | 9.3   | ***   | ***   | 2.95   |
| 600   | 65.8            | 9.9   | ***   | ***   | ***   | 3.54   |

\*\*\*Exceeds maximum solubility



Customer Service: 1-800-492-8255  
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