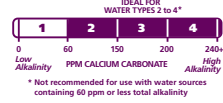


# Peters Excel<sup>®</sup>

pHLow<sup>®</sup>

SKU# E99001, G99001



**MULTI-PURPOSE**

This Multi-Purpose formulation provides your plants with the nutrition they need to thrive while easily and conveniently managing alkalinity of your irrigation water.

- Appropriate for Water Types 2, 3 and 4
- B (Base) formulation can be used alone or rotated with a C (Customizing) component
- Contains a complete range of essential micronutrients, in the right ratios, to match the specific nutritional needs of your plants

**GUARANTEED ANALYSIS 19-11-21**

|  |         |
|--|---------|
| Total Nitrogen (N) . . . . .                                   | 19%     |
| 7% Ammoniacal Nitrogen   |         |
| 12% Nitrate Nitrogen   |         |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . . | 11%     |
| Soluble Potash (K <sub>2</sub> O) . . . . .                    | 21%     |
| Magnesium (Mg) . . . . .                                       | 0.15%   |
| 0.15% Water Soluble Magnesium (Mg)                             |         |
| Sulfur (S) . . . . .   | 0.2%    |
| 0.2% Combined Sulfur (S)                                       |         |
| Boron (B) . . . . .  | 0.02%   |
| Copper (Cu) . . . . .  | 0.02%   |
| 0.02% Chelated Copper (Cu)                                     |         |
| Iron (Fe) . . . . .  | 0.095%  |
| 0.095% Chelated Iron (Fe)                                      |         |
| Manganese (Mn) . . . . .                                       | 0.045%  |
| 0.045% Chelated Manganese (Mn)                                 |         |
| Molybdenum (Mo) . . . . .                                      | 0.0095% |
| Zinc (Zn) . . . . .  | 0.045%  |
| 0.045% Chelated Zinc (Zn)                                      |         |

**Derived from:** Ammonium Nitrate, Monopotassium Phosphate, Phosphoric Acid, Potassium Nitrate, Magnesium Sulfate, Boric Acid, Copper EDTA, Iron EDTA, Iron DTPA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA

| CONCENTRATION (ppm N) FERTILIZER | AVERAGE ALKALINITY REDUCTION (ppm TOTAL ALKALINITY) |
|----------------------------------|---|
| 100                              | 20  |
| 200                              | 40  |
| 300                              | 50  |
| 400                              | 70  |

| MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS) |                             |                 |
|--|-----------------------------|-----------------|
| Amount of Fertilizer*                                | + Amount of Water (gallons) | = Approx. ppm N |
| 1 tsp  | 1                           | 283             |
| 1 tbsp   | 2                           | 425             |
| 1 cup  | 25                          | 544             |

\*level measurements  
1 pound of fertilizer + 100 gallons of water = 227.7 ppm N

| PRODUCT PROPERTIES                  |  |
|-------------------------------------|--|
| Potential Acidity . . . . .         | 290 lbs calcium carbonate equivalent per ton |
| Conductivity of 100 ppm N . . . . . | 0.75 mmhos/cm                                |
| Maximum Solubility . . . . .        | 4.5 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                    | 1.8   | 2.3   | 3.6   | 5.3   | 0.19   |
| 50   | 0.5                    | 3.6   | 4.6   | 7.1   | 10.7  | 0.38   |
| 75   | 0.8                    | 5.3   | 6.8   | 10.7  | 16.0  | 0.56   |
| 100  | 1.1                    | 7.1   | 9.1   | 14.3  | 21.4  | 0.75   |
| 125  | 1.3                    | 8.9   | 11.4  | 17.8  | 26.7  | 0.94   |
| 150  | 1.6                    | 10.7  | 13.7  | 21.4  | 32.1  | 1.13   |
| 175  | 1.9                    | 12.5  | 16.0  | 24.9  | 37.4  | 1.31   |
| 200  | 2.1                    | 14.3  | 18.2  | 28.5  | 42.8  | 1.50   |
| 250  | 2.7                    | 17.8  | 22.8  | 35.6  | 53.4  | 1.88   |
| 300  | 3.2                    | 21.4  | 27.4  | 42.8  | 64.1  | 2.25   |
| 350  | 3.7                    | 24.9  | 31.9  | 49.9  | ***   | 2.63   |
| 400  | 4.3                    | 28.5  | 36.5  | 57.0  | ***   | 3.00   |
| 450  | 4.8                    | 32.1  | 41.0  | 64.1  | ***   | 3.38   |
| 500  | 5.3                    | 35.6  | 45.6  | 71.3  | ***   | 3.75   |
| 600  | 6.4                    | 42.8  | 54.7  | ***   | ***   | 4.50   |

\*\*\*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   | 1497.1          | 224.6 | 175.4 | 112.3 | 74.9  | 0.19   |
| 50   | 748.5           | 112.3 | 87.7  | 56.1  | 37.4  | 0.38   |
| 75   | 499.0           | 74.9  | 58.5  | 37.4  | 25.0  | 0.56   |
| 100  | 374.3           | 56.1  | 43.9  | 28.1  | 18.7  | 0.75   |
| 125  | 299.4           | 44.9  | 35.1  | 22.5  | 15.0  | 0.94   |
| 150  | 249.5           | 37.4  | 29.2  | 18.7  | 12.5  | 1.13   |
| 175  | 213.9           | 32.1  | 25.1  | 16.0  | 10.7  | 1.31   |
| 200  | 187.1           | 28.1  | 21.9  | 14.0  | 9.4   | 1.50   |
| 250  | 149.7           | 22.5  | 17.5  | 11.2  | 7.5   | 1.88   |
| 300  | 124.8           | 18.7  | 14.6  | 9.4   | 6.2   | 2.25   |
| 350  | 106.9           | 16.0  | 12.5  | 8.0   | ***   | 2.63   |
| 400  | 93.6            | 14.0  | 11.0  | 7.0   | ***   | 3.00   |
| 450  | 83.2            | 12.5  | 9.7   | 6.2   | ***   | 3.38   |
| 500  | 74.9            | 11.2  | 8.8   | 5.6   | ***   | 3.75   |
| 600  | 62.4            | 9.4   | 7.3   | ***   | ***   | 4.50   |

\*\*\*Exceeds maximum solubility



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

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