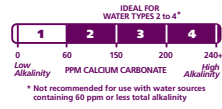


Peters Excel[®]

pHLow[®]

SKU# E99000, G99000



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 18-18-18

Total Nitrogen (N)	18%
7.5% Ammoniacal Nitrogen	
10.5% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	18%
Soluble Potash (K ₂ O)	18%
Boron (B)	0.022%
Copper (Cu)	0.022%
0.022% 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, Monopotassium Phosphate, Phosphoric Acid, Potassium Nitrate, 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	276
1 tbsp	2	414
1 cup	25	530

*level measurements

1 pound of fertilizer + 100 gallons of water = 251.7 ppm N

PRODUCT PROPERTIES	
Potential Acidity	578 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.79 mmhos/cm
Maximum Solubility	5.5 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	1.9	2.4	3.8	5.6	0.20
50	0.6	3.8	4.8	7.5	11.3	0.39
75	0.8	5.6	7.2	11.3	16.9	0.59
100	1.1	7.5	9.6	15.0	22.5	0.79
125	1.4	9.4	12.0	18.8	28.1	0.98
150	1.7	11.3	14.4	22.5	33.8	1.18
175	2.0	13.1	16.8	26.3	39.4	1.38
200	2.3	15.0	19.2	30.0	45.0	1.57
250	2.8	18.8	24.0	37.5	56.3	1.97
300	3.4	22.5	28.8	45.0	67.5	2.36
350	3.9	26.3	33.6	52.5	78.8	2.75
400	4.5	30.0	38.4	60.0	***	3.15
450	5.1	33.8	43.2	67.5	***	3.54
500	5.6	37.5	48.0	75.0	***	3.94
600	6.8	45.0	57.6	***	***	4.72

***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	1422.2	213.3	166.7	106.7	71.1	0.20
50	7111.1	106.7	83.3	53.3	35.6	0.39
75	474.1	71.1	55.6	35.6	23.7	0.59
100	355.6	53.3	41.7	26.7	17.8	0.79
125	284.4	42.7	33.3	21.3	14.2	0.98
150	237.0	35.6	27.8	17.8	11.9	1.18
175	203.2	30.5	23.8	15.2	10.2	1.38
200	177.8	26.7	20.8	13.3	8.9	1.57
250	142.2	21.3	16.7	10.7	7.1	1.97
300	118.5	17.8	13.9	8.9	5.9	2.36
350	101.6	15.2	11.9	7.6	5.1	2.75
400	88.9	13.3	10.4	6.7	***	3.15
450	79.0	11.9	9.3	5.9	***	3.54
500	71.1	10.7	8.3	5.3	***	3.94
600	59.3	8.9	6.9	***	***	4.72

***Exceeds maximum solubility



Customer Service: 1-800-492-8255
www.icl-sf.us.com

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