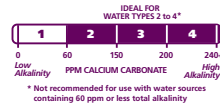


Peters Excel[®]

pHLow[®]

SKU# E99003, G99003



15-7-25

HIGH MAG/HIGH K

This High Mag/High K 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
- A (All-Purpose) formulation for constant, balanced nutrition
- Contains a complete range of essential micronutrients, in the right ratios, to match the specific nutritional needs of your plants

GUARANTEED ANALYSIS 15-7-25

Total Nitrogen (N)	15.5%
4.1% Ammoniacal Nitrogen	
10.9% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	7%
Soluble Potash (K ₂ O)	25%
Magnesium (Mg)	2.5%
2.5% Water Soluble Magnesium (Mg)	
Sulfur (S)	3.3%
3.3% Combined Sulfur (S)	
Boron (B)	0.0175%
Copper (Cu)	0.0175%
0.0175% Chelated Copper (Cu)	
Iron (Fe)	0.07%
0.07% Chelated Iron (Fe)	
Manganese (Mn)	0.035%
0.035% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.007%
Zinc (Zn)	0.035%
0.035% 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 Heptamolybdate, 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	235
1 tbsp	2	353
1 cup	25	452

*level measurements

1 pound of fertilizer + 100 gallons of water = 179.8 ppm N

PRODUCT PROPERTIES

Potential Acidity	33 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.91 mmhos/cm
Maximum Solubility	3.5 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	2.3	2.9	4.5	6.8	0.23
50	0.7	4.5	5.8	9.0	13.5	0.46
75	1.0	6.8	8.6	13.5	20.3	0.68
100	1.4	9.0	11.5	18.0	27.0	0.91
125	1.7	11.3	14.4	22.5	33.8	1.14
150	2.0	13.5	17.3	27.0	40.5	1.37
175	2.4	15.8	20.2	31.5	47.3	1.59
200	2.7	18.0	23.0	36.0	54.0	1.82
250	3.4	22.5	28.8	45.0	***	2.28
300	4.1	27.0	34.6	54.0	***	2.73
350	4.7	31.5	40.3	***	***	3.19
400	5.4	36.0	46.1	***	***	3.64
450	6.1	40.5	51.8	***	***	4.10
500	6.8	45.0	***	***	***	4.56
600	8.1	54.0	***	***	***	5.47

***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	1185.2	177.8	138.9	88.9	59.3	0.23
50	592.6	88.9	69.4	44.4	29.6	0.46
75	395.1	59.3	46.3	29.6	19.8	0.68
100	296.3	44.4	34.7	22.2	14.8	0.91
125	237.0	35.6	27.8	17.8	11.9	1.14
150	197.5	29.6	23.1	14.8	9.9	1.37
175	169.3	25.4	19.8	12.7	8.5	1.59
200	148.1	22.2	17.4	11.1	7.4	1.82
250	118.5	17.8	13.9	8.9	***	2.28
300	98.8	14.8	11.6	7.4	***	2.73
350	84.7	12.7	9.9	***	***	3.19
400	74.1	11.1	8.7	***	***	3.64
450	65.8	9.9	7.7	***	***	4.10
500	59.3	8.9	***	***	***	4.56
600	49.4	7.4	***	***	***	5.47

***Exceeds maximum solubility



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

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