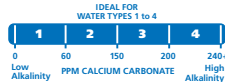


Peters Professional



SKU# E99090, G99090

PRODUCT ANALYSIS AND RATES



PETUNIA SPECIAL

Features elevated Iron and Magnesium levels plus our M-77® multiple chelate system. Designed for petunias and other high Iron demanding plants.

A high Nitrate N and low Phosphate feed that encourages dense, compact, healthy growth in petunias and other flowering crops.

- 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 20-3-19

Total Nitrogen (N)	20%
7.8% Ammoniacal Nitrogen	
12.2% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	19%
Magnesium (Mg)	1.35%
1.35% Water Soluble Magnesium (Mg)	
Sulfur (S)	2.5%
2.5% Combined Sulfur (S)	
Boron (B)	0.02%
Copper (Cu)	0.01%
0.01% Chelated Copper (Cu)	
Iron (Fe)	0.2%
0.2% 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, Ammonium Sulfate, Ammonium Phosphate, Potassium Nitrate, Magnesium Sulfate, Boric Acid, Copper EDTA, Iron EDTA, Iron DTPA, Ammonium Molybdate, Manganese EDTA, ZincEDTA

WARNING: This fertilizing material contains Boron (B). Use on any crops other than those recommended may result in serious injury to the crop(s). This fertilizer contains more than .001% Molybdenum (Mo). The application of fertilizing materials containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals.

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	305
1 tbs	2	457
1 cup	25	585

*level measurements

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

PRODUCT PROPERTIES	
Potential Acidity	424 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.54 mmhos/cm
Maximum Solubility	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	1.7	2.2	3.4	5.1	0.14
50	0.5	3.4	4.3	6.8	10.1	0.27
75	0.8	5.1	6.5	10.1	15.2	0.41
100	1.0	6.8	8.6	13.5	20.3	0.54
125	1.3	8.4	10.8	16.9	25.3	0.68
150	1.5	10.1	13.0	20.3	30.4	0.81
175	1.8	11.8	15.1	23.6	35.4	0.95
200	2.0	13.5	17.3	27.0	40.5	1.08
250	2.5	16.9	21.6	33.8	50.6	1.35
300	3.0	20.3	25.9	40.5	60.8	1.62
350	3.5	23.6	30.2	47.3	70.9	1.89
400	4.1	27.0	34.6	54.0	***	2.16
450	4.6	30.4	38.9	60.8	***	2.43
500	5.1	33.8	43.2	67.5	***	2.70
600	6.1	40.5	51.8	***	***	3.24

***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	1580.2	237.0	185.2	118.5	79.0	0.14
50	790.1	118.5	92.6	59.3	39.5	0.27
75	526.7	79.0	61.7	39.5	26.3	0.41
100	395.1	59.3	46.3	29.6	19.8	0.54
125	316.0	47.4	37.0	23.7	15.8	0.68
150	263.4	39.5	30.9	19.8	13.2	0.81
175	225.7	33.9	26.5	16.9	11.3	0.95
200	197.5	29.6	23.1	14.8	9.9	1.08
250	158.0	23.7	18.5	11.9	7.9	1.35
300	131.7	19.8	15.4	9.9	6.6	1.62
350	112.9	16.9	13.2	8.5	5.6	1.89
400	98.8	14.8	11.6	7.4	***	2.16
450	87.8	13.2	10.3	6.6	***	2.43
500	79.0	11.9	9.3	5.9	***	2.70
600	65.8	9.9	7.7	***	***	3.24

***Exceeds maximum solubility



Customer Service: 1-800-492-8255
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