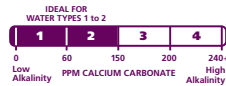


# Peters Excel®



SKU# E99120, G99120



**PLUG & BEDDING PLANT SPECIAL**

Ideal for plugs, liners, bedding plants and vegetable transplants with high Nitrate and low Phosphate levels to encourage healthy, compact growth.

- A (All-Purpose) formulation for constant, balanced nutrition
- Most effective with Water Types 1 and 2
- Contains Calcium, Magnesium and other minor elements

**GUARANTEED ANALYSIS 13-2-13**

Total Nitrogen (N) . . . . .	13%
12.1% Nitrate Nitrogen	
0.9% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	2%
Soluble Potash (K <sub>2</sub> O) . . . . .	13%
Calcium (Ca) . . . . .	6.0%
Magnesium (Mg) . . . . .	3.0%
3.0% Water Soluble Magnesium (Mg)	
Boron (B) . . . . .	0.0162%
Copper (Cu) . . . . .	0.0162%
0.0162% Water Soluble Copper (Cu)	
Iron (Fe) . . . . .	0.065%
0.065% Chelated Iron (Fe)	
Manganese (Mn) . . . . .	0.0325%
0.0325% Water Soluble Manganese (Mn)	
Molybdenum (Mo) . . . . .	0.0065%
Zinc (Zn) . . . . .	0.0325%
0.0325% Water Soluble Zinc (Zn)	

**Derived from:** Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Urea Phosphate, Boric Acid, Copper Sulfate, Iron EDTA, Manganese Sulfate, Ammonium Molybdate, Zinc Sulfate

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	168
1 tbsp	2	252
1 cup	25	323

\*level measurements

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

PRODUCT PROPERTIES	
Potential Basicity . . . . .	.335 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N . . . . .	0.75 mmhos/cm
Maximum Solubility . . . . .	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	0.4	2.6	3.3	5.2	7.8	0.19
50	0.8	5.2	6.6	10.4	15.6	0.38
75	1.2	7.8	10.0	15.6	23.4	0.56
100	1.6	10.4	13.3	20.8	31.1	0.75
125	1.9	13.0	16.6	26.0	38.9	0.94
150	2.3	15.6	19.9	31.1	46.7	1.13
175	2.7	18.2	23.3	36.3	54.5	1.31
200	3.1	20.8	26.6	41.5	62.3	1.50
250	3.9	26.0	33.2	51.9	77.9	1.88
300	4.7	31.1	39.9	62.3	***	2.25
350	5.4	36.3	46.5	72.7	***	2.63
400	6.2	41.5	53.1	***	***	3.00
450	7.0	46.7	59.8	***	***	3.38
500	7.8	51.9	66.4	***	***	3.75
600	9.3	62.3	79.7	***	***	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	1027.6	154.1	120.4	77.1	51.4	0.19
50	513.8	77.1	60.2	38.5	25.7	0.38
75	342.5	51.4	40.1	25.7	17.1	0.56
100	256.9	38.5	30.1	19.3	12.8	0.75
125	205.5	30.8	24.1	15.4	10.3	0.94
150	171.3	25.7	20.1	12.8	8.6	1.13
175	146.8	22.0	17.2	11.0	7.3	1.31
200	128.5	19.3	15.1	9.6	6.4	1.50
250	102.8	15.4	12.0	7.7	5.1	1.88
300	85.6	12.8	10.0	6.4	***	2.25
350	73.4	11.0	8.6	5.5	***	2.63
400	64.2	9.6	7.5	***	***	3.00
450	57.1	8.6	6.7	***	***	3.38
500	51.4	7.7	6.0	***	***	3.75
600	42.8	6.4	5.0	***	***	4.50

\*\*\*Exceeds maximum solubility



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

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