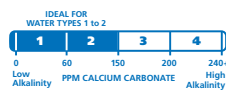


# Peters Professional



SKU# E99340, G99340

## PRODUCT ANALYSIS AND RATES



**PLUG & BEDDING  
PLANT SPECIAL  
NO MINORS, NO DYE**

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

- B (Base) formulation for constant, balanced nutrition
- Most effective with Water Types 1 and 2
- Contains calcium and magnesium
- For growers who prefer to add their own micronutrient package

### GUARANTEED ANALYSIS **13-2-13**

Total nitrogen (N) .....	13%
0.4% ammoniacal nitrogen	
12.6% nitrate 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)	

**Derived from:** Ammonium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	160
1 tbsp	2	240
1 cup	25	307

\*level measurements

1 pound of fertilizer + 100 gallons of water = 155.8 ppm N

PRODUCT PROPERTIES	
Potential Basicity .....	356 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N .....	0.74 mmhos/cm
Maximum Solubility .....	3 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	0.37
75	1.2	7.8	10.0	15.6	23.4	0.56
100	1.6	10.4	13.3	20.8	31.1	0.74
125	1.9	13.0	16.6	26.0	38.9	0.93
150	2.3	15.6	19.9	31.1	46.7	1.11
175	2.7	18.2	23.3	36.3	***	1.30
200	3.1	20.8	26.6	41.5	***	1.48
250	3.9	26.0	33.2	***	***	1.85
300	4.7	31.1	39.9	***	***	2.22
350	5.4	36.3	46.5	***	***	2.59
400	6.2	41.5	***	***	***	2.96
450	7.0	46.7	***	***	***	3.33
500	7.8	***	***	***	***	3.70
600	9.3	***	***	***	***	4.44

\*\*\* 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	0.37
75	342.5	51.4	40.1	25.7	17.1	0.56
100	256.9	38.5	30.1	19.3	12.8	0.74
125	205.5	30.8	24.1	15.4	10.3	0.93
150	171.3	25.7	20.1	12.8	8.6	1.11
175	146.8	22.0	17.2	11.0	***	1.30
200	128.5	19.3	15.1	9.6	***	1.48
250	102.8	15.4	12.0	***	***	1.85
300	85.6	12.8	10.0	***	***	2.22
350	73.4	11.0	8.6	***	***	2.59
400	64.2	9.6	***	***	***	2.96
450	57.1	8.6	***	***	***	3.33
500	51.4	***	***	***	***	3.70
600	42.8	***	***	***	***	4.44

\*\*\* Exceeds maximum solubility.