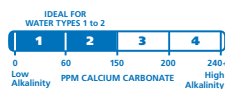


Peters Professional



SKU# E99260, G99260

PRODUCT ANALYSIS AND RATES



PEAT-LITE® DARK WEATHER FEED

Classic high-nitrate formula for bulbs or any crop that needs extra calcium and magnesium, lower phosphate and slightly higher growing media pH.

- C (Customizing) component
- Ideal for Water Types 1 and 2
- Provides a full range of micronutrients

GUARANTEED ANALYSIS 15-0-15

Total nitrogen (N)	15%
2.0% ammoniacal nitrogen	
13.0% nitrate nitrogen	
Soluble potash (K ₂ O)	15%
Calcium (Ca)	5.0%
Magnesium (Mg)	2.0%
2.0% water soluble magnesium (Mg)	
Boron (B)	0.0187%
Copper (Cu)	0.0187%
0.0187% chelated copper (Cu)	
Iron (Fe)	0.075%
0.075% chelated iron (Fe)	
Manganese (Mn)	0.0375%
0.0375% chelated manganese (Mn)	
Molybdenum (Mo)	0.0075%
Zinc (Zn)	0.0375%
0.0375% chelated zinc (Zn)	

Derived From: Ammonium Nitrate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	188
1 tbsp	2	282
1 cup	25	360

*level measurements

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

PRODUCT PROPERTIES	
Potential Basicity	221 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.71 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	2.3	2.9	4.5	6.8	0.18
50	0.7	4.5	5.8	9.0	13.5	0.36
75	1.0	6.8	8.6	13.5	20.3	0.53
100	1.4	9.0	11.5	18.0	27.0	0.71
125	1.7	11.3	14.4	22.5	33.8	0.89
150	2.0	13.5	17.3	27.0	40.5	1.07
175	2.4	15.8	20.2	31.5	47.3	1.24
200	2.7	18.0	23.0	36.0	54.0	1.42
250	3.4	22.5	28.8	45.0	67.5	1.78
300	4.1	27.0	34.6	54.0	***	2.13
350	4.7	31.5	40.3	63.0	***	2.49
400	5.4	36.0	46.1	72.0	***	2.84
450	6.1	40.5	51.8	***	***	3.20
500	6.8	45.0	57.6	***	***	3.55
600	8.1	54.0	69.1	***	***	4.26

*** 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	1185.2	177.8	138.9	88.9	59.3	0.18
50	592.6	88.9	69.4	44.4	29.6	0.36
75	395.1	59.3	46.3	29.6	19.8	0.53
100	296.3	44.4	34.7	22.2	14.8	0.71
125	237.0	35.6	27.8	17.8	11.9	0.89
150	197.5	29.6	23.1	14.8	9.9	1.07
175	169.3	25.4	19.8	12.7	8.5	1.24
200	148.1	22.2	17.4	11.1	7.4	1.42
250	118.5	17.8	13.9	8.9	5.9	1.78
300	98.8	14.8	11.6	7.4	***	2.13
350	84.7	12.7	9.9	6.3	***	2.49
400	74.1	11.1	8.7	5.6	***	2.84
450	65.8	9.9	7.7	***	***	3.20
500	59.3	8.9	6.9	***	***	3.55
600	49.4	7.4	5.8	***	***	4.26

*** Exceeds maximum solubility.



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