



15-0-0 Cal-Lite

Peters[®] Excel[®]
Water Soluble Fertilizer

PRODUCT FEATURES

STOCK NO. 91470 /73

- Can be mixed with all Peters EXCEL products
- Addresses specific crop and water needs
- Supplies additional Calcium and Nitrogen as well as minor elements
- 100 ppm nitrogen solution supplies 120 ppm calcium
- Maximum solubility 4 lb. 4 oz./gal.
- Excellent stand alone product when calcium nitrate fertilization is desired, without loss of minor nutrient nutrition

GUARANTEED ANALYSIS

For Continuous Liquid Feed Programs

Total Nitrogen (N).....	15%
1.0% ammoniacal nitrogen	
14.0% nitrate nitrogen	
Calcium (Ca).....	18%
Boron (B).....	0.015%
Copper (Cu).....	0.007%
0.007% chelated copper (Cu)	
Iron (Fe).....	0.075%
0.075% chelated iron (Fe)	
Manganese (Mn).....	0.037%
0.037% water soluble manganese (Mn)	
Molybdenum (Mo).....	0.007%
Zinc (Zn).....	0.050%
0.050% chelated zinc (Zn)	

Derived from: calcium nitrate, boric acid, copper EDTA, iron EDTA, manganese EDTA, ammonium molybdate, zinc EDTA.

Potential Basicity: 394 lb. calcium carbonate equivalent per ton.

Warning: Fertilizer contains more than .001% Molybdenum. It should not be used on forage grass for livestock.

Distributed By:



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PROFESSIONAL
HORTICULTURE

Water
Soluble
Fertilizers

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Peters® EXCEL® 15-0-0 Cal-Lite

Water Soluble Fertilizer

(Suggestions for Commercial Growers)

100 ppm N Solution Contains the Following Elemental ppm		
Ammonium-N (NH ₄ - N)		6.7
Nitrate-N (NO ₃ - N)		93.3
Urea-N (Urea-N)		0
Phosphorus (P)		0
Potassium (K)		0
Calcium (Ca)		120.0
Magnesium (Mg)		0
Boron (B)		0.100
Copper (Cu)		0.047
Iron (Fe)		0.500
Manganese (Mn)		0.247
Molybdenum (Mo)		0.047
Zinc (Zn)		0.333

- Test irrigation water first to determine amount of 15-0-0 to add to base Peters EXCEL fertilizer solution.
- For supplemental addition of calcium each 100 ppm nitrogen supplies 120 ppm calcium.

Ounces of Peters EXCEL 15-0-0 Per Gallon of Concentrate							
Concentration (ppm)		Injector Ratios*					Electrical Conductivity (E.C.)**
Nitrogen (N)	Calcium (Ca)	1:15	1:100	1:128	1:200	1:300	mmhos/cm
25	30	0.34	2.25	2.88	4.50	6.75	0.19
50	60	0.68	4.50	5.76	9.00	13.50	0.37
75	90	1.00	6.75	8.64	13.50	20.25	0.56
100	120	1.35	9.00	11.52	18.00	27.00	0.74
150	180	2.03	13.50	17.28	27.00	40.50	1.11
200	240	2.70	18.00	23.04	36.00	54.00	1.48
300	360	4.05	27.00	34.56	54.00	***	2.22
400	480	5.40	36.00	46.08	***	***	2.96

Approximate Gallons Required to Dissolve One 25 lb. Bag of 15-0-0			
Concentration (ppm)		Injector Ratios	
Nitrogen (N)	Calcium (Ca)	1:100	1:200
25	30	180	90
50	60	90	45
75	90	60	30
100	120	45	22.5
200	240	22.5	11.3
300	360	15	7.5
400	480	11.3	***

*Use the oz./gal. to obtain suggested or desired ppm N. To customize, values are additive. For example, if 275 ppm N is desired, using a 1:100 injector, add 18 oz. (200 ppm N) and 6.75 oz. (75 ppm N) to yield 24.75 oz./gal. concentrate. To convert oz./gal. to grams/liters, multiply by 7.5. Use oz./gal. to obtain the suggested ppm N or Calcium (Ca).

**Use E.C. values to verify appropriate feeding level from the injector. Remember to subtract the E.C. of the irrigation water. When supplementing with Cal-Lite 15-0-0, add the E.C. of the ppm N to that being provided by the main fertilizer. EXAMPLE: 50 ppm N from Cal-Lite = .370 E.C. and 200 ppm N from All Purpose 21-5-20 = 1.16 E.C. Total E.C. = (.37 + 1.16) = 1.53.

***Limit of solubility 4.25 lb./gal. (68 oz./gal.) Dissolves fast with hot water.

SUGGESTIONS FOR USE

The chemical composition of the irrigation water applied to crops has a major influence on the nutrients available to plants in the long term. Before selecting and/or designing a fertilizer program, first test the irrigation water to better understand pH and alkalinity.

Peters Excel fertilizers are tank-mix compatible in concentrate with other Peters Excel fertilizers.

In concentrated solution, do not mix calcium-containing fertilizers with sulfuric acid or sulfate containing fertilizers such as Peters S.T.E.M. or Epsom Salts (magnesium sulfate).

Use a reputable laboratory such as the Scotts Testing Laboratory for more reliable media, solution and tissue test results.