

Hi Cal Special

Hi Cal Special 15-3-18^{PLUS} contains Calcium, Magnesium and a very high ratio of Nitrogen in the preferred nitrate form. The nitrate will produce good, hard growth, while the phosphorous levels will keep growth short and compact between leaf nodes. The stepped-up amount of potash will insure good and healthy cell wall development.

Guaranteed Analysis			
(For continuous liquid feeding)			
15-3-18+ Hi Cal Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	15%	300	200 PPM as N
2.35% Ammoniacal Nitrogen			
12.65% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	3.0%	60	40 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	18%	360	240 PPM as K ₂ O
Calcium (Ca)	6.0%	120	80 PPM as Ca
Magnesium (Mg)	1.0%	20	13 PPM as Mg
1.0% Water Soluble Magnesium (Mg)			
Boron (B)	0.02%	0.40	0.27 PPM as B
Copper (Cu)	0.03%	0.6	0.4 PPM as Cu
0.03% Chelated Copper (Cu)			
Iron (Fe)	0.05%	1.0	0.69 PPM as Fe
0.05% Chelated Iron (Fe)			
Total Manganese (Mn)	0.03%	0.6	0.4 PPM as Mn
0.03% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0027%	0.054	0.04 PPM as Mo
Zinc (Zn)	0.02%	0.40	0.27 PPM as Zn
0.02% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate and the EDTA form of Copper, Iron, Manganese and Zinc. Potential basicity equivalent to 155 lbs. Calcium Carbonate per ton.			

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	4.44	6.66	8.88	13.32
1:100	8.89	13.33	17.78	26.67
1:150	13.33	19.99	26.66	39.99
1:200	17.77	26.65	35.54	53.31
1:300	26.66	39.99	53.32	79.98
Based on 1/2 gallon per square foot coverage. Two Tablespoons equals One Ounce (approximately) One Cup equals One Pound (approximately)				

Conductivity of 15-3-18+	
<i>using distilled water mixed at: (allow +/- 10%)</i>	
50 PPM Nitrogen =	NA
100 PPM Nitrogen =	NA
150 PPM Nitrogen =	NA
200 PPM Nitrogen =	NA
300 PPM Nitrogen =	NA
400 PPM Nitrogen =	NA
500 PPM Nitrogen =	NA