



Hi-Cal Special 15-0-15 PLUS with 10.5% Calcium

- **Increased Molybdenum**
- **High Nitrate Nitrogen**

Hi-Cal Special 15-0-15^{PLUS} is a plug growing formula with high nitrate nitrogen, calcium, magnesium, and minor elements, all combined into a totally soluble mix. The trace elements are delicately balanced at

levels that have proven to perform well. This formula will work well when phosphate is not a problem or is being supplied separately. Although designed for plug growing, this formula will work equally well on any crop that may be sensitive to ammoniacal nitrogen during low light periods.

Guaranteed Analysis (For continuous liquid feeding)			
15-0-15+	Percent	Lbs/Ton	Concentration
Total Nitrogen (N)	15%	300	200 PPM as N
13% Nitrate Nitrogen			
2% Urea Nitrogen			
Soluble Potash (K ₂ O)	15%	300	200 PPM as K ₂ O
Calcium (Ca)	10.50%	210	140 PPM as Ca
Magnesium (Mg)	0.3%	0.6	5.07 PPM as Mg
Sulfur (S)	0.12%	2.4	1.6 PPM as S
Boron (B)	0.02%	0.40	0.27 PPM as B
Copper (Cu)	0.05%	1.0	0.67 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.33 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.67 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.02	0.01 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.67 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Potassium Nitrate, Calcium Nitrate, Magnesium Sulfur, Urea, Borax, Sodium Molybdate and the EDTA form of Copper, Iron, Manganese and Zinc. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential basicity equivalent to 319 lbs. Calcium Carbonate per ton.

Test nutrient levels in both water and growing media prior to use. Suggested use on a constant feed basis is at 100 PPM nitrogen or on an intermittent feed basis 200 PPM nitrogen. Use growth results and nutritional monitoring to adjust this rate.

MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio- Premix 1.33 oz. in 1 gallon (10 grams per liter).
 TANK: 0.09 oz. per gallon (0.67 grams per liter).
 PROPORTIONER: 1:100 ratio use 8.89 oz. per gal. of concentrate (67 grams per liter).
 OTHER RATIOS: Multiply ratio times weight divided by 100.
 OTHER PPM: Multiply desired PPM times weight divided by 100. Increase or decrease PPMN according to crop response.

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	.67	1.33	2.00	2.67	4.00	5.33
1:50	2.22	4.44	6.66	8.89	13.30	17.77
1:100	4.44	8.89	13.33	17.77	26.7	35.54
1:200	8.89	17.77	26.66	35.54	53.30	*
1:300	13.33	26.66	39.98	53.31	*	*
EC (+ - 10%) mmhos/cm	.34	.69	1.03	1.38	2.06	2.75

*Maximum solubility approx. 3 lbs 8 ozs. per gallon

Available in standard 25 lb bag
To Order Use Code:
 25 lb Bag: 150015+

