



# Cal-Mag Special 15-3-18 PLUS

With 6% Calcium & 1% Magnesium

- **High Nitrate N with Ca, Mg and P**
- **Stiffen Stems**

Cal-Mag Special 15-3-18<sup>PLUS</sup> 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.

<b>Guaranteed Analysis</b> (For continuous liquid feeding)			
<b>15-3-18+</b>	<b>Percent</b>	<b>Lbs/Ton</b>	<b>Concentration</b>
Total Nitrogen (N)	15%	300	200 PPM as N
2.35% Ammoniacal Nitrogen			
12.65% Nitrate Nitrogen			
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	3.0%	60	40 PPM as P <sub>2</sub> O <sub>5</sub>
Soluble Potash (K <sub>2</sub> O)	18%	360	240 PPM as K <sub>2</sub> 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)			
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. **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 155 lbs. Calcium Carbonate per ton.

**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 PPM 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 .35 .71 1.06 1.42 2.12 2.83

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

Available in standard 25 lb bag and 5 lb bags packed 6 per case.

**To Order Use Code:**

25 lb Bag: 150318+  
 Case of 6X5lb: PM5150318

