

# Cal-Mag Special

**17-5-17 PLUS TRACE ELEMENTS**

This Cal-Mag Special formula is probably very close to being the perfect fertilizer all in one bag. It contains most of the major, secondary and minor elements almost any crop would need. NPK, Calcium, Magnesium, Six trace elements and a very high ratio of nitrogen in nitrate form. The calcium to magnesium ratio is 4 to 1 and while slightly on the acid side, this formula should have minimal impact on media pH.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N).....	17%
4.33% Ammoniacal Nitrogen	
12.67% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	5%
Soluble Potash (K <sub>2</sub> O) .....	17%
Calcium (Ca) .....	4.0%
Magnesium (Mg) .....	1.0%
1.0% Water Soluble Magnesium (Mg)	
Boron (B).....	0.02%
Copper (Cu) .....	0.02%
0.02% Chelated Copper (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn).....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0007%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Ammonium Nitrate, Potassium Nitrate, Monopotassium Phosphate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate, Iron EDTA, Copper EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 52 pounds calcium carbonate per ton.

CAUTION: This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

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**MIXING RATE FOR VARIOUS PPM NITROGEN**

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.59	1.18	1.76	2.35	3.53	4.70
	1:50	1.96	3.92	5.88	7.84	11.76	15.68
	1:100	3.92	7.84	11.76	15.68	23.52	31.36
	1:200	7.84	15.68	23.52	31.36	47.04	*
	1:300	11.76	23.52	35.28	47.04	*	*
EC (+/- 10%) mmhos/cm		.34	.68	1.01	1.37	2.04	2.74

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



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