

# Cal-Mag Special

**15-5-15 PLUS TRACE ELEMENTS**

**With 5% Calcium and 2% Magnesium**

This formula supplies most of its nitrogen in the nitrate form and is an ideal feed for crops responsive to nitrate nitrogen during low light periods and all ammonium sensitive plants. It is also an ideal source of calcium and magnesium that is immediately available and ideal for overcoming a calcium deficiency. It will maintain solubility in concentrate tank when calcium nitrate and/or magnesium nitrate are added. To avoid calcium precipitation do not mix with other fertilizers or materials that contain phosphate or sulfur compounds.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N)	15%
2.86% Ammoniacal Nitrogen	
12.14% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	.5%
Soluble Potash (K <sub>2</sub> O)	15%
Calcium (Ca)	5.0%
Magnesium (Mg)	2.00%
2.00% Water Soluble Magnesium (Mg)	
Boron (B)	0.02%
Copper (Cu)	0.01%
0.01% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0070%
Zinc (Zn)	0.08%
0.08% Chelated Zinc (Zn)	

Derived from Potassium Nitrate, Ammonium Nitrate, Monopotassium Phosphate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential basicity equivalent to 48 lbs. 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.

This material is very sensitive to humidity and once opened it should be resealed and stored in a cool dry place. 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	0.67	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	26.70	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		.36	.73	1.09	1.45	2.18	2.90

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



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