

# Vegetable Cal-Mag

**14-5-22 PLUS TRACE ELEMENTS**

**With 4.1% Calcium and 1.22% Magnesium**

This analysis was specifically designed to meet the nutritional needs of field grown vegetable crops when the irrigation waters already supply 60 PPM or more of calcium. The additional calcium supplied by this formula should be adequate to prevent calcium related deficiency such as blossom end rot. For water with less than 60 PPM calcium consider using Nutriculture 12-5-19 with 7.8% calcium.

With elevated calcium, potassium and magnesium to provide solid root growth, strengthened xylem for nutrient transport through the plant, and healthy chloroplast for light energy converting to chemical energy, this formula should deliver a robust and healthy crop. There is increased boron to promote better flower development and increased fruit set that should produce large and healthy fruit that has good shelf life.

This product should be used in accordance with the Nutriculture Vegetable Growers Product Guide for the specific crops grown and feeding rate should be adjusted to stage of growth and growing conditions being experienced. Contact your dealer or go on the web to [www.plantmarvel.com](http://www.plantmarvel.com) or seek advice from your local extension agent.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	14%
2.34% Ammoniacal Nitrogen	
11.66% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	5%
Soluble Potash (K <sub>2</sub> O) .....	22%
Calcium (Ca) .....	4.1%
Magnesium (Mg) .....	1.22%
1.22% Water Soluble Magnesium (Mg)	
Boron (B) .....	0.03%
Copper (Cu) .....	0.02%
0.02% Chelated Copper (Cu)	
Iron (Fe) .....	0.15%
0.15% Chelated Iron (Fe)	
Manganese (Mn) .....	0.07%
0.07% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0079%
Zinc (Zn) .....	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Ammonium Nitrate, Monopotassium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate and Copper EDTA, Iron EDTA, Iron DTPA, Manganese EDTA, and Zinc EDTA.

Potential basicity equivalent to 127 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.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> F593 061714

**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	0.71	1.43	2.14	2.86	4.28	5.71
	1:50	2.38	4.76	7.14	9.52	14.28	19.04
	1:100	4.76	9.52	14.28	19.04	28.56	38.08
	1:200	9.52	19.04	28.56	38.08	57.12	*
	1:300	14.28	28.56	42.84	57.12	*	*
EC (+/- 10%) mmhos/cm		0.47	0.95	1.42	1.89	2.84	3.78

\*Maximum solubility approx. 3 lbs 12 ozs. per gallon.



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