



## Cal-Mag 14-4-14 PLUS

with 5% Ca and 2% Mg

- **NPK Ca Mg and trace elements all in one mix**
- **High nitrate N**
- **Quickly corrects Ca deficiencies**
- **Excellent alternate feed for many crops**

Cal-Mag Special 14-4-14 PLUS 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.

### 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.

### Guaranteed Analysis (For continuous liquid feeding)

14-4-14+	Percentage	Lbs/Ton	Concentration
Total Nitrogen (N)	14%	280	200 PPM as N
2.39% Ammoniacal Nitrogen			
11.61% Nitrate Nitrogen			
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	4%	80	57 PPM as P <sub>2</sub> O <sub>5</sub>
Soluble Potash (K <sub>2</sub> O)	14%	280	200 PPM as K <sub>2</sub> O
Calcium (Ca)	5.0%	100	72 PPM as Ca
Magnesium (Mg)	2.0%	40.0	29 PPM as Mg
Boron (B)	0.02%	0.40	0.29 PPM as B
Copper (Cu)	0.05%	1	0.71 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.49 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.00	0.71 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.001%	0.02	0.01 PPM as Mo
Zinc (Zn)	0.05%	1	0.71 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Phosphate, Potassium Nitrate, Ammonium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. 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 60 lbs. calcium carbonate per ton.

### To Order Use Code:

25 lb Bag: 140414+

### 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	2.67	4	5.33
1:50	2.22	4.44	6.66	8.89	13.33	17.77
1:100	4.44	8.89	13.33	17.77	26.66	35.54
1:200	8.89	17.77	26.66	35.54	53.31	*
1:300	13.33	26.66	39.98	53.31	*	*

\*Maximum solubility approx. 60 oz. per gallon