



Cal Mag Special 16-3-16 PLUS
 With Multiple Forms of Iron

- **Ideal basic feed for most low light situations.**
- **Multiple forms of iron chelation to work over a broad pH range.**

Developed as an alternative to our Cal Mag 17-5-17+ to give greater control over vegetative growth without sacrificing the calcium and magnesium. It has a neutral potential acidity, and it also contains a combination of three different forms of iron chelates, EDTA, DTPA, and EDDHA, that makes

iron available over a broader pH range, as well as in wet soil conditions. It will ensure availability under alkaline soil conditions.

It also helps control the tendency to stretch and promotes healthier growth while inducing excellent longer-keeping blooms.

For Continuous Liquid Feeding			
Guaranteed Analysis			
16-3-16+	Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)	16%	320	200 PPM as N
3.36% Ammoniacal Nitrogen			
12.64% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	3%	60	37.5 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	16%	320	200 PPM as K ₂ O
Calcium (Ca)	4.0%	82	51.13 PPM as Ca
Magnesium (Mg)	2.0%	41	25.75 PPM as Mg
2.0% Water Soluble Magnesium (Mg)			
Boron (B)	0.02%	4	0.25 PPM as B
Copper (Cu)	0.01%	0.2	0.13 PPM as Cu
0.01% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.10	1.31 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1	0.63 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.008%	0.02	0.01 PPM as Mo
Zinc (Zn)	0.042%	0.84	0.53 PPM as Zn
0.042% Chelated Zinc (Zn)			

Derived from Ammonium Nitrate, Monopotassium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Iron EDDHA, Iron DTPA, Manganese EDTA and Zinc EDTA. Potential basicity equivalent to 8 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>

MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYERS: 1:15 ratio-Premix 1.33 oz. per gal.

TANK: 2.08 oz. per 25 gals.

PROPORTIONER: 1:100 ratio use 8.31 oz. per gal. of concentrate.

OTHER RATIOS: Multiply ratio times ounces divided by 100.

OTHER PPM: Multiply desired PPM times ounces divided by 100.

To Order Use Code:
 25 lb Bag: 160316+

MiniMax Bag:
 500 to 2000 lb bag M160316+

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	0.62	1.25	1.87	2.50	3.75	5.0
1:50	2.08	4.17	6.25	8.33	12.5	16.66
1:100	4.17	8.33	12.5	16.66	25.0	33.32
1:200	8.33	16.66	24.99	33.32	50.0	*
1:300	12.5	24.99	37.49	49.98	*	*

EC (+/- 10%) mmhos/cm .34 .68 1.02 1.36 2.04 2.72

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

