



Mag-Iron Special 18-6-18 PLUS

Provides Iron and Magnesium over a broad pH range

- **Elevated Iron chelated in two forms to handle a broader media pH range**
- **High magnesium**
- **High nitrate nitrogen**

Formulated for growers with high calcium bicarbonate water who need to compliment their magnesium level, while supplying additional Iron to insure uptake at an elevated media pH. The higher Iron levels are provided in two different chelated forms, EDTA and HDTPA. These will guarantee uptake even at extremely high media pH levels.

This formula is also recommended as an excellent choice for managing lush green controlled growth on annuals such as calibrochoa, chrysanthemums, petunias, vinca, roses etc. With over 60% of its Nitrogen in the Nitrate form it will also work well as a dark weather feed.

MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio-Premix 1.11 oz. per gallon (8.33 grams per liter).

TANK: 0.07 oz. per gallon (0.56 grams per liter).

PROPORTIONER: 1:100 ratio use 7.40 oz. per gal. of concentrate (56 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 PPMN according to crop response.

Guaranteed Analysis (For continuous liquid feeding)

18-6-18+.....Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)..... 18%	360	200 PPM as N
7.15% Ammoniacal Nitrogen		
10.85% Nitrate Nitrogen		
Available Phosphate (P ₂ O ₅) 6%	120	66.67 PPM as P ₂ O ₅
Soluble Potash (K ₂ O) 18%	360	200 PPM as K ₂ O
Magnesium (Mg) 1.30%	26	14.5 PPM as Mg
Sulfur (S) (Combined)..... 2.35%	27	26.1 PPM as S
Boron (B) 0.02%	0.4	0.2 PPM as B
Copper (Cu) 0.02%	0.4	0.2 PPM as Cu
0.02% Chelated Copper (Cu)		
Iron (Fe)..... 0.20%	4.0	2.22 PPM as Fe
0.20% Chelated Iron (Fe)		
Manganese (Mn)..... 0.05%	1.0	0.5 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	0.5 PPM as Zn
0.05% Chelated Zinc (Zn)		

Derived from Ammonium Nitrate, Ammonium Sulfate, Potassium Phosphate, Potassium Nitrate, Magnesium Sulfate, Boron, Sodium Molybdate and the form of Copper EDTA, Iron EDTA, Iron DTPA, 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 acidity equivalent to 365 lbs. Calcium Carbonate per ton.

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	0.56	1.11	1.67	2.22	3.33	4.44
1:50	1.85	3.70	5.55	7.40	11.11	14.81
1:100	3.70	7.40	11.11	14.81	22.21	29.62
1:200	7.40	14.81	22.21	29.62	44.43	59.24
1:300	11.11	22.21	33.32	44.43	*	*

EC (+ - 10%) mmhos/cm.34 .68 1.01 1.35 2.03 2.70

*Maximum solubility approx. 60 oz. per gallon

Available in standard 25 lb bag and 5 lb bags packed 6 per case.

To Order Use Code:

25 lb Bag: 180618+
Case of 6x5lb: PM5180618

