



Plug Special 12-2-12 PLUS

With Iron EDTA and Iron EDDHA

- **Delivers sufficient micronutrients at low PPM-N.**
- **Formulated for propagation.**
- **Sophisticated chelation devices ensure micronutrient uptake and utilization.**

12-2-12 was developed to meet the nutrient ratios desired during propagation. The high-nitrate, low-phosphorus blend will produce a compact, toned plant with very small internodes between leaf breaks. The high calcium and magnesium levels in a 2:1 ratio will build a solid root mass with

healthy and strong chloroplasts. The micronutrients have been adjusted to meet the needs of the plant at low ppm-nitrogen (N) levels. This fertilizer will deliver 1 ppm iron (Fe) at a 100 ppm nitrogen feed rate. While this product was created for low ppm-nitrogen, use caution at elevated feed rates where micronutrient levels rise expeditiously.

For Continuous Liquid Feeding GUARANTEED ANALYSIS			
12-2-12+	Percent	Lbs/Ton	Concentration at 100 PPM as N
Total Nitrogen (N)	12%	240	100 PPM as N
0.57% Ammoniacal Nitrogen			
11.43% Nitrate Nitrogen			
Available Phosphate (P ₂ O ₅)	2%	40	16.7 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	12%	240	100 PPM as K ₂ O
Calcium (Ca)	6.3%	126.5	52.5 PPM as Ca
Magnesium (Mg)	3.1%	63.2	25.8 PPM as Mg
3.1% Water Soluble Magnesium (Mg)			
Boron (B)	0.02%	0.4	0.17 PPM as B
Copper (Cu)	0.05%	1	0.42 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.12%	2.4	1.0 PPM as Fe
0.12% Chelated Iron (Fe)			
Manganese (Mn)	0.06%	1.2	0.5 PPM as Mn
0.06% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.015%	2.06	0.86 PPM as Mo
Zinc (Zn)	0.05%	1.06	0.44 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Nitrate, Potassium Nitrate, Monopotassium Phosphate, Magnesium Nitrate, Calcium Nitrate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Iron EDDHA, Manganese EDTA, and Zinc EDTA. Potential basicity equivalent to 237 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 SPRAYER: 1:15 ratio-Premix 1.67 oz. in 1 gallon (12.5 grams per liter).

TANK: 0.11 oz. per gallon (0.83 grams per liter).

PROPORTIONER: 1:100 ratio use 11.11 oz. per gal. of concentrate (167 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 response.

MIXING RATE FOR VARIOUS PPM NITROGEN

Parts Per Million	50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate						
1:15	0.83	1.67	2.50	3.33	5.00	6.66
1:50	2.78	5.55	8.33	11.11	16.66	22.21
1:100	5.55	11.11	16.66	22.21	33.32	44.43
1:200	11.11	22.21	33.32	44.43	*	*
1:300	16.66	33.32	49.98	*	*	*
EC (+/- 10%) mmhos/cm	0.37	0.75	1.12	1.50	2.25	3.00

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

To Order Use Code:

25 lb Bag:

120212+

