

# K-Mag

## 15-5-30 **PLUS** TRACE ELEMENTS

This high potash formula is ideal for overcoming potash deficiency or for building up hardness and fibrous qualities of stems and leaves. May be applied in solution by a proportioner through sprinkler systems, by irrigation or any conventional ground rig and may be applied in combination with most insecticides, herbicides and fungicides. Avoid applications during peak sunlight hours.

**TURF:** Increase the amount of water used to dilute the fertilizer when soil moisture is low. Increase concentrations when soil moisture is high. Use caution when concentration is 1 lb. or more per 5 gallons of water. Apply every week to ten days at the rate of 1 lb. (1/8 lb. of actual N) per 1000 sq. ft. of area, dissolved in approximately 10 to 20 gallons of water. For free Spoon-Feeding recommendations guide for use on Turf call your Plant Marvel distributor.

For Continuous Liquid Feeding  
**GUARANTEED ANALYSIS**

Total Nitrogen (N).....	15%
2.82% Ammoniacal Nitrogen	
12.18% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	5%
Soluble Potash (K <sub>2</sub> O).....	30%
Magnesium (Mg).....	1.26%
1.26% Water Soluble Magnesium (Mg)	
Boron (B).....	0.02%
Copper (Cu).....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn).....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.0005%
Zinc (Zn).....	0.03%
0.03% Chelated Zinc (Zn)	

Derived from Ammonium Nitrate, Potassium Phosphate, Potassium Nitrate, Magnesium Nitrate, Boric Acid, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc.

Potential basicity equivalent to 72 lbs. Calcium Carbonate per ton.

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

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**Turf Spoon Feeding application rates to achieve desired "N" per given area.**

Apply weekly or up to twenty days apart in a convenient amount of water for even coverage. Adjust rate to get desired results.

Desired Pounds of Nitrogen per 1000 square ft	1/10	1/8	1/4	1/2	1
Fertilizer required in ounces per thousand sqft	10.67	13.33	26.67	53.33	106.67
Pounds required per acre	29.05	36.29	72.61	145.19	290.41
Desired Grams of Nitrogen per square meter	0.49	0.61	1.22	2.44	4.88
Fertilizer required in Grams	3.3	4.1	8.1	16.3	32.6
Kilograms required per hectare	33	41	81	163	326
Fertilizer required in Kilograms per 500 sq. meter	1.65	2.05	4.05	8.15	16.3

**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	0.67	1.33	2.00	2.67	4.00	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	*	*
EC (+/- 10%) mmhos/cm		.37	.73	1.11	1.47	2.21	2.95

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



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