

# 13 - 2 - 13

## CAL - MAG Special

Professional Water Soluble Plant Food

### Guaranteed Analysis

Total Nitrogen(N) .....	13%
Nitrate Nitrogen .....	12.25%
Ammoniacal Nitrogen .....	0.75%
Available Phosphate (P2O5) .....	2%
Soluble Potash (K2O) .....	13%
Calcium (Ca) .....	6.00%
Magnesium (Mg) .....	3.00%
3.00% Water Soluble (Mg)	
Boron (B) .....	0.02%
Copper (Cu) .....	0.01%
0.01% Chelated (Cu)	
Iron (Fe) .....	0.10%
0.10% Chelated (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated (Mn)	
Molybdenum (Mo) .....	0.001%
Zinc (Zn) .....	0.015%
0.015% Chelated (Zn)	

Derived from: Potassium Nitrate, Ammonium Phosphate Calcium Nitrate, Magnesium Nitrate, Boric Acid, Copper EDTA, Iron EDTA, Iron EDDHA, Manganese EDTA, Sodium Molybdate, and Zinc EDTA.

Potential Basicity = 370 lbs. calcium carbonate per ton.

Maximum Solubility = 3 lbs. per gal. The use of hot/warm water, along with agitation will increase solubility.

**NET WEIGHT: 25 LBS.**

***P.F.I. 13-2-13 CMS is a premium grade, water soluble fertilizer that is ideal when growing in a soilless medium and/or for continuous liquid feed programs.***

***P.F.I. 13-2-13 CMS water soluble fertilizer is fortified with Calcium, Magnesium, and Iron EDDHA (along with other key micronutrients), to ensure healthy crops and increased yields, and is safe on most plants when used as directed.***

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions or use. Since weather, crop, soil, and other conditions may vary, Plant Foods, Inc. and the seller make NO WARRANTY of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use and handling whether or not in accordance with directions or suggestions for

Manufactured by: Plant Foods, Inc.

PO Box 1089 Vero Beach, FL 32967

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PFI 13-2-13 Cal-Mag Special is formulated as a Greenhouse grade soluble, where high Nitrate (N) and high Potassium, along with a high percentage of Calcium (Ca) and Magnesium (Mg) are needed to promote vibrant color and desired growth.

### GENERAL DIRECTIONS: (For continuous liquid feed)

#### Injector Dilution Rate of 1:100

Dissolve 5 ounces of concentrate per gal. of water for 50 ppm (N), 17 ppm (Ca), and 7 ppm (Mg) ... or ... 10 ounces of concentrate per gal. of water for 100 ppm (N), 34 ppm (Ca), and 14 ppm (Mg).

#### Injector Dilution Rate of 1:200

Dissolve 10 ounces of concentrate per gal. of water for 50 ppm (N), 17 ppm (Ca), and 7 ppm (Mg) ... or ... 20 ounces of concentrate per gal. of water for 100 ppm (N), 34 ppm (Ca), and 14 ppm (Mg).

**NOTE: DO NOT blend/mix PFI 13-2-13 CMS with any fertilizers that contain Ammonium Phosphate, Potassium Phosphate, Magnesium, or Sulfuric acid.**

### DIRECTIONS FOR USE ON SPECIFIC CROPS:

**TURF/LANDSCAPE:** Dissolve 5 lbs. per 100 gal. of water, and cover 1000 sq.ft. For best results, repeat every 10-14 days.

**PLUGS:** Feed at 50-100 ppm (N) every 7 days. The amount of desired (N) may depend on the growth stage of the plug.

**VEGETABLES, TRANSPLANTS, BEDDING PLANTS:** Feed at 100-200 ppm (N) for constant feeding, and 200-400 ppm (N) for pulse feeding every 7-10 days.

**GREENHOUSE / NURSERY:** 5-10 lbs. per 100 gal. of water per acre on plants, trees, ALL Palm varieties, shrubs, and flowering vines. **\*\*NOTE\*\*** For Transplant slurry, add 1/4 lb. per 3 gal. bucket of puddled soil.

**ROW CROPS:** Use 5-10 lbs. per 100 gals. per acre. 1-5 applications may be necessary depending on crop growth and weather conditions.

**NOTE:** These rates may or may not meet the growers and or crops needs. Weather conditions, air temp., soil temp., and water pH will affect a grower's rates