



Professional Water Soluble Fertilizer

14-2-14

Cal-Mag Plus

PRODUCT DESCRIPTION:

Premium-grade, high nitrate-nitrogen formula with potassium, calcium, and magnesium for improved plant quality and color. Ideal for soil-less growing. Fortified with essential micronutrients to ensure healthy crops and increased yields.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	14%
1.5% Ammoniacal Nitrogen	
12.2% Nitrate Nitrogen	
0.3% Urea	
Available Phosphate (P ₂ O ₅)	2%
Soluble Potash (K ₂ O)	14%
Calcium (Ca)	5.5%
Magnesium (Mg)	2.5%
2.5% Water Soluble Magnesium (Mg)	
Boron (B)	0.017%
Copper (Cu).....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.25%
0.25% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.001%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

DERIVED FROM:

Ammonium Nitrate, Calcium Nitrate, Magnesium Nitrate, Potassium Nitrate, Potassium Phosphate, Iron EDTA, Copper EDTA, Zinc EDTA, Manganese EDTA, Boric Acid, Sodium Molybdate, Urea Phosphate

POTENTIAL BASICITY: 290 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 3 lbs per gallon.

Fertilizer required per volume of concentrate, 14-2-14 (for continuous liquid feed programs):

ppm N	50	100	150	200
E.C. (mS/cm)	0.38	0.75	1.13	1.50
injector ratio	ounces/gal			
15 (hazon)	0.75	1.5	2.1	2.85
50	2.5	5.0	7.0	9.5
100	5.0	10.0	14.0	19.0
150	7.5	15.0	21.0	28.5
200	10.0	20.0	28.0	38.0

E.C. values are approximate. Use E.C. levels to verify appropriate feeding level from the injector. Adjust for the E.C. of the irrigation water. For concentrations greater than 200 ppm, simply add. Ex.: 400 ppm = 2 X 200 ppm = E.C. 3.0 and 5.7 oz/gal with 1:15 proportioner.

USE SUGGESTIONS:

Plugs, Transplants and Seedlings:

- For plugs feed at 50 to 150 ppm once per week depending on growth stage.
- For tomatoes, peppers, and most flowering bedding plants, feed at 100 to 200 ppm N with constant liquid feeding. Use 200 to 400 ppm N for pulse feeding every 7-10 days.

Turf/Landscape:

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

Greenhouse/Nursery:

5-10 lbs per 100 gal of water per acre on plants, trees, ALL Palm varieties, shrubs, and flowering vines.

Row Crops

Use 5-10 lbs per 100 gal per acre. 1-5 applications may be necessary depending on crop growth and weather conditions.

NOTE: Do not blend/mix with other phosphate or sulfur containing products

Warranty: Warranty of this product implied, is limited to the guaranteed analysis on this label, in as much as misuse is beyond sellers control. Likewise, seller is not liable for any injury to living things, crops, soils, or materials which may result from the use of this product.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.



DANGER

May intensify fire; oxidizer. Harmful if swallowed. Causes serious eye damage. Keep away from flammable / combustible / reducing materials. Wear eye protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. In case of fire: use any suitable mean for extinguishing surrounding fire. Spray water for small fires. For large fires flood with abundant water. IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. Dispose of contents/container according to local/state/federal regulations. IN CASE OF EMERGENCY CALL CHEMTREC For Hazardous Materials [or Dangerous Goods] Incidents **ONLY** (spill, leak, fire, exposure or accident) 1-800-424-9300 For additional information, see Safety Data Sheet (SDS) for this product

MANUFACTURED For:
Diamond R Fertilizer, Inc.
4100 Glades Cut-Off Rd.
Ft. Pierce, FL 34981
Phone: 772.464.9300
F1573

Net Weight: 25 lbs (11.35 kg)