

PrimeraOne[®]

Professional Water Soluble Fertilizer

16-3-16

Cal-Mag Special

PRODUCT DESCRIPTION:

Complete as an all-in-one advanced nutritional program containing high levels of nitrate. It contains all five macros (N, P, K, Ca and Mg). It is effective over a wide pH range and comes in one single bag for easy usage. Ideal for soil-less growing. Fortified with essential micronutrients to ensure healthy crops and increased yields.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	16%
3.0% Ammoniacal Nitrogen	
12.7% Nitrate Nitrogen	
0.3% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	16%
Calcium (Ca)	4.0%
Magnesium (Mg)	2.0%
2.0% Water Soluble Magnesium (Mg)	
Boron (B)	0.017%
Copper (Cu).....	0.015%
0.015% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0007%
Zinc (Zn)	0.04%
0.04% Chelated Zinc (Zn)	

DERIVED FROM:

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

POTENTIAL BASICITY: 113 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 3 lbs per gallon.

Fertilizer required per volume of concentrate, 16-3-16 (for continuous liquid feed programs):

USAGE RATES						
ppm N	For fertilizers with 16% N analysis					
	Ounces of fertilizer per gallon of water for given injector ratio					
	No Injector	1:15	1:100	1:128	1:200	1:300
25	0.02	0.3	2.1	2.7	4.2	6.3
50	0.04	0.6	4.2	5.3	8.3	12.5
75	0.06	0.9	6.3	8.0	12.5	18.8
100	0.08	1.3	8.3	10.7	16.7	25.0
150	0.13	1.9	12.5	16.0	25.0	37.5
200	0.17	2.5	16.7	21.4	33.4	50.1
300	0.25	3.8	25.0	32.0	50.1	75.1
400	0.33	5.0	33.4	42.7	66.8	100.1

NOTE: This table does not consider maximum solubility limits.

ppm N	mS/cm
50	0.37
100	0.73
150	1.10
200	1.46
300	2.19

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.

USE SUGGESTIONS:

Plugs, Transplants and Seedlings:

- For plugs feed at 50 to 150 ppm once per week depending on growth stage.
- For vegetable transplants, bedding plants and cut flowers, feed at 100 to 200 ppm N with constant liquid feeding. Use 200 to 400 ppm N for pulse feeding every 7-10 days.
- Mums, Lilies, Geraniums, Poinsettia: feed at 200 to 300 ppm N with constant liquid feeding; 350 - 400 with pulse.

Greenhouse/Nursery:

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

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 skin irritation. Causes serious eye damage. Keep away from flammable / combustible / reducing materials. Wear protective gloves, protective clothing, and 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:
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Net Weight: 25 lbs (11.35 kg)