



Professional Water Soluble Fertilizer

21-5-20

Greenhouse Premium

PRODUCT DESCRIPTION:

Slightly acidic formula for hard water conditions. High ratio of nitrate to ammonium nitrogen makes this formula well suited for plant bed and soil-less media. Excellent formula for fertigating a wide variety of greenhouse grown crops.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	21%
7.0% Ammoniacal Nitrogen	
13.4% Nitrate Nitrogen	
0.6% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)	20%
Boron (B)	0.017%
Copper (Cu).....	0.026%
0.026% Chelated Copper (Cu)	
Iron (Fe)	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.01%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

DERIVED FROM:

Ammonium Nitrate, Potassium Nitrate, Ammonium Phosphate, Urea Phosphate, Iron EDTA, Manganese EDTA, Copper EDTA, Zinc EDTA, Boric Acid, Sodium Molybdate. F1367

POTENTIAL ACIDITY: 390 lbs calcium carbonate equivalent per ton.

E.C (1 g/l): 1.31 mS/cm

SOLUBILITY (max.): 3.0 lbs per gallon.

Net Weight 25 lbs

Fertilizer required per volume of concentrate, 21-5-20 (for continuous liquid feed programs):

ppm N	50	75	100	200
E.C. (mS/cm)	0.32	0.47	0.63	1.26
injector ratio	ounces/gal			
15	0.50	0.7	1.0	1.9
50	1.6	2.4	3.2	6.5
100	3.2	4.8	6.4	12.9
128	4.1	6.2	8.2	16.5
200	6.4	9.6	12.9	25.7

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, Flowers, and Bedding Plants:

- 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
- For transplant slurry, add 0.25 lb per 3 gal bucket of puddle 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.

FLOATBED SUGGESTIONS:

This product is excellent for floatbeds.

- Feed when crop is seeded at 150 ppm nitrogen (N) once, and then 100 ppm nitrogen (N) after 4 - 5 weeks of growth.
- 100 ppm nitrogen (N) = 6.4 ounces per 100 gallons of water.

- 100 ppm nitrogen (N) = 4 pounds per 1000 gallons of water.
- 150 ppm nitrogen (N) = 9.6 ounces per 100 gallons.
- 150 ppm nitrogen (N) = 6 pounds per 1000 gallons.

Note: 1 level cup equals approximately 10 ounces by weight of this material.

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. Causes skin irritation. 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:
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