



20-10-20

Greenhouse Plus

PRODUCT DESCRIPTION:

Popular general purpose formula for a variety of crops and growing conditions. Urea-free, with a high ratio of nitrate to ammonium nitrogen makes this formula well suited for plant bed and soil-less media. Excellent greenhouse production formula for growing plugs, transplants and bedding plants, and vegetable floatbeds.

GUARANTEED ANALYSIS:

Total Nitrogen (N)	20%
8.0% Ammoniacal Nitrogen	
12.0% Nitrate Nitrogen	
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	20%
Magnesium (Mg)	0.50%
0.50% Water Soluble Magnesium (Mg)	
Sulfur (S) Combined.....	1.00%
Boron (B)	0.017%
Copper (Cu).....	0.01%
0.01% 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)	0.015%
0.015% Chelated Zinc (Zn)	

DERIVED FROM:

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

POTENTIAL ACIDITY: 400 lbs calcium carbonate equivalent per ton.

SOLUBILITY (max.): 3.0 lbs per gallon. Hot water and agitation improve solubility.

Fertilizer required per volume of concentrate, 20-10-20 (for continuous liquid feed programs):

ppm N	50	75	100	200
E.C. (mmhos/cm)	0.33	0.49	0.65	1.30
injector ratio	ounces/gal			
15	0.50	0.75	1.00	2.00
50	1.67	2.50	3.33	6.67
100	3.33	5.00	6.67	13.33
128	4.27	6.40	8.53	17.07
200	6.67	10.0	13.3	26.67

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. 2.6 and 4.0 oz/gal with 1:15 proportioner.

USE SUGGESTIONS:

This product is excellent for drip irrigation feeding.

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.
- Mums, Lilies, Geraniums, Poinsettia: feed at 200 to 300 ppm N with constant liquid feeding; 350 - 400 with pulse.

FLOATBED SUGGESTIONS: This product is excellent for greenhouse vegetable floatbeds.

Float Bed:

- 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) = 6.7 ounces per 100 gallons of water.
- 100 ppm nitrogen (N) = 4.2 pounds per 1000 gallons of water.
- 150 ppm nitrogen (N) = 10 ounces per 100 gallons.
- 150 ppm nitrogen (N) = 6.3 pounds per 1000 gallons.

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



WARNING

May intensify fire; oxidizer. Causes serious eye irritation.

Keep away from flammable / combustible / reducing materials. Wear eye protection. Wash hands thoroughly after handling. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. 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)