CHEM-SOL™

Professional Water Soluble Fertilizer

20-10-20

GREENHOUSE PREMIUM

GUARANTEED ANALYSIS

Total Nitrogen (N) 20%
8.0% Ammoniaoaf Nitrogen
12.0% Nitrate Nitrogen
Available Phosphate ($P_2 0_5$) 10%
Soluble Potash ($K_2 0$) 20%
Magnesium (Mg) 0.50%
0.50% Water Soluble Magnesium (Mg)
Sulfur (S) Combined 1.00%
Boron (B)..... 0.02%
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.

POTENTIAL BASICITY: 400 lbs calcium carbonate equivalent per ton.
SOLUBILITY (max): 3 lbs per gallon

MANUFACTURED FOR
CNI AgriMinerals LLC
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Leesburg, GA 31763 USA
866-487-3623

MANUFACTURED BY
Plant Foods, Inc.
P.O. Box 1089
Vero Beach, FL 32961 USA

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Weight 25 Lb (11.34 kg)

F1252
03-06-2014

GENERAL INFORMATION

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

FERTILIZER REQUIRED PER VOLUME OF CONCENTRATE, 20-10-20 (FOR CONTINUOUS LIQUID FEED PROGRAMS)

ppm N	50	75	100	200
E.C. (mmhos/cm)	.33	0.49	0.65	1.20
injector ratio	ounces/gal			
15 (hozon)	0.50	0.75	1.00	2.00
50	1.57	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	13.8	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 3 26 and 6 24 oz/gal with 1:15 proportioner.

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.

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

FLOATBED SUGGESTIONS:

This product is excellent for tobacco and vegetable floatbeds. Excellent for drip irrigation feeding.

Tobacco Float Bed:

• Feed Burley at 100 ppm nitrogen (N)
• Feed Flue Cured 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) = 7 ounces per 100 gallons of water.
• 100 ppm nitrogen (N) 4.2 pounds per 1 000 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.

NOTICE OF WARRANTY: CNI AgriMinerals (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseen by the Company. THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO, MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.