

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	13.00%
0.75% Ammoniacal Nitrogen	
12.25% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	13.00%
Magnesium (Mg) .....	3.00%
3.00% Water Soluble Magnesium (Mg)	
Calcium (Ca) .....	6.00%
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: Calcium Nitrate, Magnesium Nitrate, Potassium Nitrate, Ammonium Phosphate, Iron EDTA, Iron EDDHA, Copper EDTA, Zinc EDTA, Manganese EDTA, Boric Acid, Sodium Molybdate

**Potential Basicity:** 370 lbs calcium carbonate equivalent per ton

**Solubility (max):** 3 lbs per gallon

**CONDITIONS OF SALE:** 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 seller'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.

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Information about the components of this fertilizer material may be obtained by writing to CNI AgriMinerals P.O. Box 3706 Albany, GA 31706, and giving the lot number which is found on the container.

## Produce and Ornamental Premium

# 13-2-13

### GENERAL INFORMATION

**CHEM-SOL 13-2-13 PRODUCE AND ORNAMENTAL PREMIUM** is a high Nitrate-Nitrogen formula with Potassium, Calcium, and Magnesium for improved quality and color. Two types of chelated Iron provide nutrient availability over a wide range of water pH.

**DO NOT** blend/mix **CHEM-SOL 13-2-13 PRODUCE AND ORNAMENTAL PREMIUM** with any fertilizers that contain Ammonium Phosphate, Potassium Phosphate, Magnesium, or Sulfuric acid.

Store this and all water soluble fertilizer formulas in a dry place. Tightly seal open bag to prevent product hardening.

Agitate well to dissolve completely. Use hot water for faster results.

Use soil and water tests to determine the best concentrations and rates to use.

**USE SUGGESTIONS:** For plugs, transplants, and seedlings 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.

FERTILIZER REQUIRED PER VOLUME OF CONCENTRATE, 13-2-13  
(FOR CONTINUOUS LIQUID FEED PROGRAMS)

ppm N	50	75	100	200
E.C. (mmhos/cm)	0.41	0.61	0.81	1.63
injector ratio	ounces/gal			
15 (hazon)	0.78	1.17	1.56	3.12
50	2.60	3.89	5.19	10.38
100	5.19	7.79	10.38	20.77
128	6.65	9.97	13.29	26.58
200	10.38	15.58	20.77	41.54

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.

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

**F1252**  
**08-30-13**



Manufactured for:  
**CNI AgriMinerals, LLC**  
PO Box 3706 | Albany, GA 31706  
229.883.5538

**DANGER: Suspected of damaging fertility or the unborn child. Causes serious eye damage. Harmful to aquatic life with long lasting effects.**



Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If exposed or concerned:** Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Store locked up. Dispose of contents/container according to local/state/federal regulations.

**READ LABEL - FOLLOW DIRECTIONS!**  
Refer to SDS for health, safety and environmental information.  
**KEEP OUT OF REACH OF CHILDREN**

**Net Weight 25 Lb (11.34 kg)**