



# CHEM-SOL™

## Water Soluble Fertilizer



# 3-15-27

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	3%
Nitrogen Nitrate.....	3.0%
Available Phosphate (P2O5).....	15%
Soluble Potash (K <sub>2</sub> O).....	27%
Sulfur (S) Combined .....	9.0%
Magnesium (Mg) .....	5.32%
5.32% Water Soluble (Mg)	
Boron (B).....	0.17%
Copper (Cu).....	0.011%
0.011% Chelated Copper (Cu)	
Iron (Fe).....	0.45%
0.45% Chelated Iron (Fe)	
Manganese (Mn) .....	0.057%
0.057% Chelated Manganese (Mn)	
Molybdenum (Mo).....	0.011%
Zinc (Zn).....	0.034%
0.034% Chelated Zinc (Zn)	

Derived From: Potassium Nitrate, Potassium Phosphate, Potassium Sulphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Magnesium Sulfate, Sodium Molybdate, and Zinc EDTA.

Potential Basicity = 220 lbs. Calcium Carbonate equivalent per ton. Maximum Solubility = 2.9 lbs per gal. The use of hot/warm water, along with agitation will increase solubility.

**MANUFACTURED FOR**  
**CNI AgriMinerals LLC.**  
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Albany, GA. 31706 USA  
866-487-3623

**MANUFACTURED BY**  
**Plant Foods, Inc.**  
P.O. BOX 1089  
Vero Beach, FL 32961 USA  
F1252

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

### GENERAL INFORMATION

Chem-Sol 3-15-27 is a premium grade, water soluble fertilizer that is formulated for growing in a soilless culture, and/or continuous liquid feed program. Chem Sol 3-15-27 water soluble fertilizer is fortified with the essential micronutrients to ensure healthy crops and increased yields, and is safe on all plants when used as directed.

### DIRECTIONS FOR USE

**General Use:** Dissolve 7 lbs per 500 gallons of water. Chem-Sol 3-15-27 should not exceed 3 lbs per gallon.

**VEGETABLES:** Dissolve 14 lbs per 1,000 gallons of water to = 50 ppm (N). Or 28 pounds per 1,000 gallons of water to = 100 ppm (N).

**FLOWERS:** Dissolve 12 pounds per 1,000 gallons of water to = 36 ppm (N). Or 24 pounds per 1,000 gallons of water to = 72 ppm (N).

If more Magnesium is needed (based on a water test), dissolve Epsom Salts. One oz. of Epsom Salts per 100 gal. of water (or 10 oz. per 1,000 gal.) will supply 7 to 8 ppm (Mg). Before adding the Epsom Salts, make sure the Chem Sol 3-15-27 concentrate is totally in solution.

**NOTE WHEN ADDING CALCIUM NITRATE:** Chem Sol 3-15-27 must be used with ONLY Greenhouse grade Calcium Nitrate, and only after it (and additional Magnesium) has been totally dissolved in the tank.

86 oz of Calcium Nitrate in the 1,000 gal. solution will supply 130 ppm (Ca).

**Notice of Warranty:** CNI AgriMinerals LLC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CNI AgriMinerals LLC. In no case shall CNI AgriMinerals LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. CNI AgriMinerals LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.



**Warning**

Suspected of damaging fertility or the unborn child. Causes eye irritation. Causes skin irritation. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

### Precautionary Statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash skin thoroughly after handling. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/ eye protection. Wear personal protective equipment as required. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container according to local/state/federal regulations.