

# Sovereign™

Refined Foliar Fertilizer for Soybeans and Other Crops

## 8-15-8

KEEP OUT OF REACH OF CHILDREN

# WARNING

READ ENTIRE LABEL BEFORE USING

### GHS CLASSIFICATIONS

**Health:** Acute Toxicity (Oral), Category 5  
Acute Toxicity (Dermal), Category 5  
Skin Irritation, Category 3  
Eye Irritation, Category 2A



### GHS HAZARD STATEMENTS

Causes mild skin irritation. Causes serious eye irritation.  
May be harmful if swallowed.

### PRECAUTIONARY STATEMENTS

Wash thoroughly after handling. Read all precautions of products being handled and follow the most restrictive language for all products to provide the safest work environment.

### FIRST AID

Call a Poison Control Center or Doctor if you feel unwell.

**If in Eyes:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Immediately seek medical attention. Give large amounts of water and induce vomiting by touching the back of the throat with a finger, unless the victim is unconscious.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Always have the product container or label with you when calling a poison control center or doctor, or going in for treatment.

### ENVIRONMENTAL HAZARD

Do not apply directly to water. Do not contaminate water by rinsing equipment or disposal of wastes.

### GUARANTEED ANALYSIS

Total Nitrogen (N)		
4% Ammoniacal Nitrogen		8%
4% Urea Nitrogen		
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )		15%
Soluble Potash (K <sub>2</sub> O)		8%
Boron (B)		0.03%
Iron (Fe)		0.33%
0.33% Chelated Iron (Fe)		
Manganese (Mn)		0.41%
0.41% Chelated Manganese (Mn)		
Molybdenum (Mo)		0.017%
Zinc (Zn)		0.17%
0.17% Chelated Zinc (Zn)		

Derived from urea, anhydrous ammonia, phosphoric acid, potassium hydroxide, sodium borate, sodium molybdate, Iron EDTA, Manganese EDTA, and Zinc EDTA.

Density: 10.99 lbs/gallon at 68° F.

### GENERAL INFORMATION

Sovereign™ is a clear fertilizer solution screened and refined for application to soybeans through spraying equipment. The application of Sovereign™ to soybeans can significantly increase plant vigor. Sovereign™ is formulated to help plants overcome "hidden hunger" for nutrients. Hidden hunger is a nutrient deficiency that reduces plant growth without causing distinctive nutrient deficiency symptoms (see Note 1). Sovereign™ can be blended with concentrated micronutrients if severe nutrient deficiencies occur. For example, iron or manganese chelates can be mixed with Sovereign™. (see Note 2) Sovereign™ is formulated to meet the nutritional requirements of soybeans, and to be compatible with glyphosate herbicides.

**Note 1:** Sovereign™ can be used in other crops and turf at labeled rates.

**Note 2:** Typical foliar use rates for a 4.5% iron EDTA chelate, or a 6% manganese EDTA chelate would be 1.5 to 3 pints per acre.

### DIRECTIONS FOR FOLIAR USE

Apply Sovereign™ fertilizer to actively growing soybeans from early vegetative growth through mid-reproductive stages. Apply 1 to 2 gpa in 2 to 20 gpa of solution. Standard use rate is 2 quarts per acre. Sovereign™ fertilizer can be mixed with many post emergent soybean herbicides including glyphosate, and many insecticides and fungicides. Sovereign™ has not been evaluated for tank mix compatibility with all pesticides, follow jar test procedures on the pesticide label unless you have previous experience with the tank mix.

### DIRECTIONS FOR SOIL USE

Sovereign™ can be applied preplant or premerge broadcast to soil at up to 40 gpa. Sovereign™ can be applied in 2x2 placement at up to 10 gpa. Sovereign™ can be applied in furrow at up to 1 gpa, either alone or mixed with 10-34-0 or other starter fertilizers. Follow local recommendations for maximum rates of fertilizer based on soil texture and moisture.

### TANK MIXING RECOMMENDATIONS

- 1) Fill spray tank with 1/2 of the required water volume
- 2) Add Sovereign™ and other chemicals in this order: Ammonium Sulfate, wettable powder, flowable, EC, Sovereign™, water soluble liquids, drift reduction agent.
- 3) Agitate and top off water

\*\*When tank mixing always read and follow tank mix chemical label mixing instructions. Check for compatibility.

**WARNING: Some crops may be injured by application of boron. Sovereign™ contains molybdenum. Forage crops that are high in molybdenum may be toxic to grazing animals.**

### STORAGE AND DISPOSAL

**Storage:** Store in a cool, dry place. Store in original container only in a well-ventilated area at temperatures between 40°F and 95°F. Do not store near food or feeds. Do not stack pallets more than 2 high.

**Disposal:** Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

**IN CASE OF SPILL:** Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

### NOTICE OF WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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Manufactured By:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589