

# Premium 20-0-0

with 8% Sulfur

## GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 20.0%  
3% Ammoniacal Nitrogen  
17% Urea Nitrogen  
Available Sulfur ..... 8.0%  
Derived from: urea and ammonia thiosulfate.

## PROPERTIES

Specific Gravity ..... 1.210  
Weight per gallon ..... 10.09  
Gallons per ton ..... 198.2  
Equilibrium temp ..... 14° F  
pH ..... 7.5

## GENERAL INFORMATION

Premium 20-0-0 is manufactured by combining urea nitrogen and ammonia thiosulfate. Premium 20-0-0 is intended for use in fields where soil test and/or plant tissue analysis have shown that a sulfur deficiency exists. Premium 20-0-0 may be used in small quantities as a soil applied fertilizer to stimulate seedling growth under adverse growing conditions (cold temperatures and excess moisture). Premium 20-0-0 will be influenced by differences in varieties, soil and environmental conditions and should be applied under conditions of optimum plant growth. Optimum conditions are defined as adequate humidity, moderate temperatures, and adequate soil moisture.

## DIRECTIONS FOR USE

### SOIL APPLICATION RATES

To correct sulfur deficiencies in forage legumes, apply at a rate of 31-62 gallons/acre incorporated at seeding. For corn, small grains, vegetables and fruit crops, apply at the rate of 6-19 gallons per acre.

## MIXING INSTRUCTIONS

Premium 20-0-0 disperses well in water with a minimum of agitation. For best results mix as follows:

1. Partially fill tank with water or fertilizer and start agitation
2. Add Premium 20-0-0 to circulating tank mix.
3. Add other pesticides or nutrients if compatible.
4. Fill tank and agitate thoroughly.

## ATTENTION

Always check compatibility with other products prior to use. Since weather, crops, soil and other conditions may vary, Nutra-Flo Company and/or the Seller make no warranty of any kind, expressed or implied concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

**WARNING: Keep out of reach of children, harmful if swallowed, avoid contact with skin, eyes, or clothing.**

**Personal protection:** Use rubber gloves and chemical safety goggles when handling this product.

**NFPA Hazard of 2,0,1**

**Conditions to avoid:** Excessive heat

**Materials to avoid:** Acids and strong oxidizers.

**Materials of Decomposition:** ammonia, oxides of zinc, unknown materials of partial combustion/decomposition.

**Store:** Keep material in a cool, dry, well ventilated area. Keep containers closed and do not allow to freeze. Containers may build up a slight pressure. Keep away from children.

**Fire:** Material will not burn as formulated.

**In case of spill or leak:** Contain spill and ventilate area. Absorb with clay, vermiculite, chemical boom, or pad. If clay is used, material may be applied as a fertilizer. If booms or pads are used, dispose of material in accordance with local, state, and federal regulations.

## FIRST AID

**Eyes:** May cause severe irritation or corneal damage. Immediately flush eyes with large quantity of water for 15-30 minutes. Get medical attention immediately.

**Skin:** May cause moderate skin irritation, redness, or burning sensation. May aggravate pre-existing skin conditions. Wash skin with soap and water for 15-30 minutes. Get medical attention if symptoms persist. Wash contaminated clothing before reuse.

**Inhalation:** Vapor or mist inhalation may cause temporary bronchitis, pharyngitis, or edema. Move person to fresh air and get medical attention if breathing is difficult. Pre-existing respiratory disorders may be aggravated.

**Ingestion:** May cause corrosion to the esophagus and stomach. Have fluids ready and call poison control or get immediate medical attention. Do not induce vomiting!

**Emergency Phone: Chemtrec 1-800-424-9300 (24 hours a day)**

Manufactured by:

**Nutra-Flo Company**  
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**Sioux City, Iowa 51106**