



### Guaranteed Analysis

Total Nitrogen (N) ..... 7.00%  
 7% Ammoniacal Nitrogen  
 Sulfur (S) ..... 8.00%  
 Derived from  
 Ammonium Sulfate CAS #7783-20-2

**Ammonium Advantage.** The nitrogen in **Ammonium Sulfate 7-0-0, 8% Sulfur** is 100% ammonium. When the turfgrass roots take up the ammonium form of nitrogen, they release hydrogen ions creating an acid zone around the root area. This acidic rhizosphere can suppress certain soil-borne diseases while enhancing micronutrient availability.

**Disease Suppression.** **Ammonium Sulfate 7-0-0, 8% Sulfur** helps reduce turf diseases, including summer patch, take-all patch, and spring dead spot. **Ammonium Sulfate 7-0-0, 8% Sulfur** is NOT a fungicide, nor does it claim to be one. However, the application of ammonium sulfate can provide an environment that is more conducive to reducing certain plant diseases.

**Increased Micronutrient Availability.** **Ammonium Sulfate 7-0-0, 8% Sulfur** increases the solubility of key micronutrients like iron and manganese, making them more available for plant uptake.

Nitrogen is the single most important nutrient that contributes to turf color. The ammonium form of nitrogen in **Ammonium Sulfate 7-0-0, 8% Sulfur** is less prone to environmental losses due to leaching, volatilization and denitrification. As a result, more N is often retained in the root zone and available for plant uptake. The ammonium form of nitrogen also improves uptake of phosphorus, manganese and iron – three nutrients that are also associated with desirable turf color. Finally, **Ammonium Sulfate 7-0-0, 8% Sulfur** contains readily available sulfur, which also contributes to development of turf color.

- Weight per gallon: 10.00 lbs. (4.54 kg)
- Each gallon contains:  
 .70 lb. Nitrogen  
 .80 lb. Sulfur or 3.33 lbs.  
 Ammonium Sulfate
- pH: 6.5-7



# Ammonium Sulfate 7-0-0, 8% Sulfur

## Fast-acting Ammonium Nitrogen that lowers Soil pH

### Directions for Use:

**Greens, Tees and Fine Turf:** Apply 8 - 20 oz. of **Ammonium Sulfate 7-0-0, 8% Sulfur** per 1,000 sq. ft. (2.7 - 6.8 gallons per Acre) every 14 days in a minimum of 2 gallons of water per 1,000 sq. ft.

**Fairways, Roughs, Sports Turf and Lawns:** Apply 4.1 - 6.8 gallons per Acre of **Ammonium Sulfate 7-0-0, 8% Sulfur** (12 - 20 oz. per 1,000 sq. ft.) every 14 days during active growth period. Apply in a minimum of 87 gallons of water per Acre (minimum of 2 gallons of water per 1,000 sq. ft.).

### Application Precautions:

Do not apply **Ammonium Sulfate 7-0-0, 8% Sulfur** directly on or below germinating seeds such as in a "pop up" fertilizer. Dry soil condition and/or combination with other starter fertilizers may damage germination. Always irrigate with sufficient water to reduce the possibility of fertilizer injury. Avoid application during mid day when temperatures are high.

Application Rates for Ammonium Sulfate 7-0-0, 8% Sulfur				
Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 1,000 sq. ft.	Nitrogen/ 1,000 sq. ft.	Sulfur/ 1,000 sq. ft.
8 oz	2.7 Gal	237 ML	0.04	0.0507
12 oz	4.1 Gal	355 ML	0.07	0.0761
18 oz	6.1 Gal	532 ML	0.10	0.1141
20 oz	6.8 Gal	591 ML	0.11	0.1268
32 oz	10.9 Gal	946 ML	0.18	0.2028

### Tank Mixing Information:

Prior to any fertilizer or pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least 3/4 full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

- 1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables,
- 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents,
- 7) Micronutrients and Fertilizers, 8) Spray adjuvants

Before mixing multiple chemicals and/or fertilizers in the tank, confirm product compatibility by performing a jar test. Be sure to mix with plenty of water.

### Caution:

Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

### Storage and Handling:

Store in a cool, dry place. Keep container tightly closed. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

### Available Container Sizes:

2 x 2.5 gal (2 x 9.46 L) Case  
 30 gal (113.56 L) Drum  
 55 gal (208.20 L) Drum  
 275 gal (1040.99 L) Tote

Store above 32° F. Do not allow to freeze.

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