

# AMMOS 22-0-0

WITH 40% SMART NITROGEN™ & 4% SULFUR



- **ECONOMICAL NITROGEN SOURCE**
- **READILY AVAILABLE SULFUR**

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) ..... 22%  
 4.7% Ammoniacal Nitrogen  
 8.5 % Urea Nitrogen  
 8.8% Slowly Available Water Soluble Nitrogen\*

Sulfur (S) Combined ..... 4%

**Derived From:** Urea, Methylene Urea, Ammonium sulfate, Ammonium carbonate.

\*40% slowly available Nitrogen from Methylene Urea

Weight per gallon .....10.34 lbs.  
 Weight per Liter .....1.24 Kg  
 1 gallon contains .....2.2 lbs. N  
 1 liter contains .....0.41 kg N  
 pH .....7.5  
 Salt Index .....6

**PRODUCT DESCRIPTION:**

Ammos combines the benefits of slow release nitrogen with cost-effect economics of ammonium sulfate. It provides quick absorption by the plant resulting in greener turf, even at low soil temperatures. Use when a liquid type of ammoniacal nitrogen source and sulfur is required.

Ammos has a neutral to slightly basic (7.5-8) pH and is a clear liquid solution, containing 22% nitrogen and 4% sulfur. It is compatible with most liquid fertilizer materials. Nitrogen and sulfur are important components of proteins. Sulfur deficiency can affect the plant's ability to utilize nitrogen for protein synthesis.

When applied to soils, ammonium sulfate decomposes quickly in the soil to give sulfate sulfur (SO<sub>4</sub><sup>2-</sup>). This sulfur is immediately available for plant uptake, whereas elemental sulfur (S) must undergo oxidation for longer term release.

The advantage of Ammos is that the sulfur needed for plant growth becomes available over several weeks. The sulfur in Ammos will help reduce the pH of soils that are too alkaline.

**APPLICATION PRECAUTIONS:**

Do not apply Ammos 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.

Do not mix Ammos with acids or other acidic materials below a pH of 6. Prior to any fertilizer or pesticide application, all spray

**CAUTION:** Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

- **CORRECTS SOIL ALKALINITY**
- **BENEFITS OF SRN- THE SMART NITROGEN™**

mixing and application equipment must be cleaned. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the sprayer or mix tank at least half full with 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. Wetttable powders,
3. Flowables,
4. Emmulsifiable concentrates,
5. Water based solutions,
6. Compatibility agents,
7. Micronutrients and Fertilizers,
8. Spray adjuvants

Foliar Turf Applications	
Application	Rate
Fairways, Roughs, Sports Turf, Sod and Lawns	Apply 1 – 2 gallons per acre (3 – 6 oz. per 1,000 sq. ft.) every 14 to 28 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).
Fertigation	Apply 1 – 2 gallons per acre (3 – 6 oz. per 1,000 sq. ft.) with the irrigation water. Repeat as needed every 14 days during active growth period.

AMMOS Pounds of Nutrients per Liquid Ounce		
Apply at desired Nitrogen/Sulfur Rate per 1,000 FT <sup>2</sup> (100 m <sup>2</sup> )		
22-0-0	Nitrogen	Sulfur
7.3 oz	1/8 lb. N	.02 lb. S
215 ml	.06 Kg N	9 grams S
15 oz	1/4 lb. N	.03 lb. S
429 ml	.11 Kg N	14 grams S
19 oz	1/3 lb. N	.05 lb. S
566 ml	.15 Kg N	23grams S
29 oz	1/2 lb. N	.07 lb. S
858 ml	.23 Kg N	32 grams S
38 oz	2/3 lb. N	.09 lb. S
1.1 L	.3 Kg N	41 grams S

Manufactured By:

