



**New!**

# AMMOS 22-0-0

## WITH 40% SMART NITROGEN & 4% SULFUR

- **Economical Nitrogen Source**
- **Readily Available Sulfur**
- **Corrects Soil Alkalinity**

### 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 lbs.  
 Weight per Liter . . . . . 1.9 Kg  
 1 gallon contains . . . . . 2.2 lbs. N  
 pH . . . . . 7.5

### PRODUCT DESCRIPTION:

Ammos combines the benefits of slow release nitrogen with cost-effect economics of ammonium sulfate. It provides quick absorption by the plant, 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, ammonium sulfate decomposes quickly in the soil to give sulfate sulfur (SO<sub>4</sub>-2). 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 pos-

**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.

### • Benefits of SRN- The Smart Nitrogen™

sibility 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 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. Wettable powders, 3. Flowables, 4. Emmulsifiable concentrates, 5. Water based solutions, 6. Compatibility agents, 7. Micronutrients and Fertilizers, 8. Spray adjuvants

### NURSERY APPLICATIONS FOLIAR RATE

Application	Rate	Notes
Containerized Crops, Woody Ornamentals, Flowering Ornamentals in Shadehouse or Greenhouse, Foliage, Field-Grown Nursery Stock and Trees	Foliar Spray: 1 Gallon per 100 gallon of water (1-2 L in 100 L water)	Thoroughly spray to point of run-off. Apply every 2-4 Weeks

### CROP PROGRAMS

Plant Type:	Application Rate:
Plugs	Set injector at 100 PPM of Nitrogen. (25 ml per L water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)
Container or Field-Grown Trees, Oaks, Evergreen or Deciduous	Set injector at 150-200 PPM of Nitrogen. Apply monthly. (45 - 60 ml per 1 Litre water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)
Foliage and Ornamental Grasses	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)

