

# At A Glance

## Ammonium Sulfate 38%

### Description

Ammonium Sulfate is a liquid fertilizer solution with a yellow hue to the product. Application can be made through drip irrigation or foliar sprays for turf grasses. For the correction of Nitrogen and Sulfur deficiencies in crops and grasses of all types.

### Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility. It is recommended the product be stored above 32°F at all times and store in a cool place out of direct sunlight. Do not mix with calcium nitrate based products

### Environmental Considerations

Ammonium Sulfate solution is not considered a hazmat material. Secondary containment around tanks must be constructed to control leaks. Wash water should not be permitted to enter sewers or streams.

### Symptoms of Sulfur Deficiency

- Yellowing of leaves
- Stunted plant growth
- Similar symptoms found in nitrogen deficiencies.

### Functions of Sulfur

- Nitrogen metabolization
- Key component in photosynthesis and chlorophyll

### Functions of Nitrogen In Plants

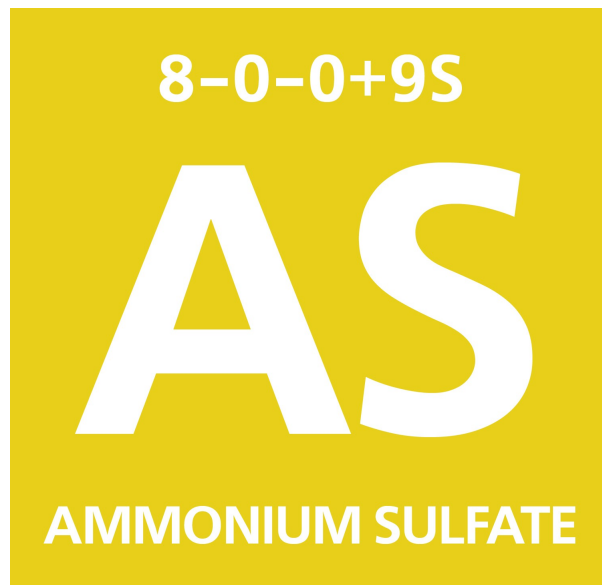
- Mainly involved in photosynthesis
- Essential component of chlorophyll
- promotes plant fruit set and vigor

### Symptoms of Nitrogen Deficiency

- Yellowing of leaves (oldest first)
- Poor/Stunted growth/reduced yield
- overall less foliage canopy

### Shipping

Available in Bulk or IBCs



### Chemical & Physical Properties

CAS Number	7783-20-2
pH	5.5-6.5
Salt-Out Temp	14°F (-10°C)
Color	Slight Yellow
Odor	Slight Ammonia
Weight per Gallon	10 lbs/gal (1.19 kg/L)

### Typical Analysis

Nitrogen (N)	8.0%
8.0% - Ammonium	
Sulfur (S)	9.0%

\*Derived from Ammonium Sulfate

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



#### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
813 626 1181