

AMMONIUM SULFATE

21-0-0

with 24% Sulfur

GUARANTEED ANALYSIS

Total Nitrogen (N)	21.0%
21.0% Ammoniacal Nitrogen	
Sulfur (S)	24.0%

Derived from Ammonium Sulfate.

This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986, requires notification of potential exposure to substances identified by the State of California as causing cancer, birth defects or other reproductive harm.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-jr.com>

PHYSICAL CHARACTERISTICS

Lbs. of Nutrients/Ton:	Nitrogen (N)	420
	Sulfur (S)	480
	Combined Nutrient Total	<u>900</u>
Angle of Repose:		30
Bulk Density:	62.4 lbs. per cubic foot (poured)	
	67.0 lbs. per cubic foot (packed)	
Solubility in Water:		100%
pH (20% solution):		4.8
Granule Size:	80% passes through a 4mm (5 Tyler) and is retained by a 1.7mm (10 Tyler) screen.	
	99% retained by a 1.18mm (Tyler 14) screen. Average Crystal size 2.1mm.	

USES

1. Simplot's Ammonium Sulfate, with its nitrogen in ammoniacal form and its high sulfur content, remains as one of the favorite fertilizers for Western Agriculture. It lends itself beautifully to different methods of application and is exceptionally well suited as a topdress application of nitrogen and sulfur. Ammonium Sulfate is also a favorite source of N and S with many liquid blend producers. The most economical growth of grasses and rangeland is frequently achieved from the use of Ammonium Sulfate.
2. This product is a commercial fertilizer used as plant food in agricultural crop production. For specific application rates follow the recommendation of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

ADVANTAGES

1. The raw materials used in the production of Simplot's Ammonium Sulfate are ammonia and sulfuric acid. The resulting product is white crystals of high purity.
2. Simplot's Ammonium Sulfate remains the cheapest source of sulfur, an important characteristic, as sulfur deficiencies are on the increase in Western Agriculture crops and need to be corrected. The sulfur in Simplot's Ammonium Sulfate is in the sulfate form (immediately available plant food).

SAFETY

Slight abrasion may result from eye contact or prolonged skin contact. Not generally considered toxic. Nonflammable.