




## AMMONIUM PHOSPHATE 16-20-0 with 13% Sulfur

### GUARANTEED ANALYSIS

TOTAL NITROGEN (N) .....	16.00%
16.00% Ammoniacal Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ).....	20.00%
Sulfur (S) .....	13.00%

Derived from Monoammonium Phosphate and Ammonium Sulfate.

**KEEP OUT OF REACH OF CHILDREN**  
 **WARNING**  
 CAUSES EYE IRRITATION.  
 MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Avoid breathing dust. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Call a poison center / doctor if you feel unwell.

**FIRST AID: IF INHALED** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advice / attention.

**STORAGE AND DISPOSAL: STORAGE** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **DISPOSAL** Dispose of contents / container in accordance with local / regional / national regulations.

### PHYSICAL CHARACTERISTICS

Lbs. of Nutrients (Ton / Tonne):		US	Metric
	Nitrogen (N)	320	358
	Phosphate (P <sub>2</sub> O <sub>5</sub> )	400	448
	Sulfur (S)	260	291
	Combined Nutrient Total	<b>980</b>	<b>1097</b>

**Bulk Density:** 60 lbs. per cubic foot (poured)  
 (969 kg. per cubic meter)  
 62 lbs. per cubic foot (packed)  
 (1001 kg. per cubic meter)

**Solubility in Water:** Better than 90%.

**Granule Size:** 98% retained by Tyler screen mesh #16.  
 (This is an in-line product of uniformly sized granules.)

### USES

1. An excellent fertilizer for use on soils and crops requiring nitrogen, phosphate and sulfur. The nitrogen is long lasting and the phosphate and sulfur are in forms that are immediately available to the plant.
2. Adapts to a wide range of application methods: fall plow-down, spring preplant broadcast, banding at time of planting, drilled in with small grain seed, side dressed and broadcast on pasture or grass alfalfa stubble.
3. Ideal combination of N, P<sub>2</sub>O<sub>5</sub> and S to apply as a starter fertilizer on most crops.
4. Can be used in custom blending as a source of nitrogen, phosphate and sulfur.
5. 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. High sulfur content— contains sulfur in the sulfate form, the type utilized by plants. It also makes soils more friable, improves moisture penetration, aids in crop residue breakdown, increases the availability of other nutrients and helps reclaim alkaline soils.
2. High water soluble phosphate— goes to work quickly and is utilized most efficiently by plants.
3. Long lasting non-leachable nitrogen— the nitrogen is in the ammonium form which resists leaching and provides nitrogen to the plant over a longer period of time.
4. Low volatility— form of nitrogen and phosphate that resists volatility.
5. Nitrogen and Phosphate combination improved nutrient uptake— ammoniacal form of nitrogen combined with phosphate helps the plants to utilize the phosphate more efficiently.
6. Monoammonium phosphate— the risk of fertilizer injury to germinating seeds is reduced.
7. Acidic fertilizer— has a slight acidic effect which helps offset nutritional problems in calcareous soils.

### BULK STORAGE PRECAUTION

This product is not suitable for storage in overhead/upright free standing bins. The J.R. Simplot Company will not warrant or guarantee product stored in this manner and will not be subject to any claims against set-up product, damaged bins, labor to remove product or other damages and liabilities. An example of overhead/upright bins include but not limited to Stor-King, Wheatland, Meridian and others. This warning includes bins that have special "Fertilizer Coatings" to the internal walls to promote free flowing of the contents.

Warning: 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>

DISCLAIMER OF WARRANTIES: Seller warrants that the composition of this product conforms to the description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures not specifically recommended on this label or an accompanying written recommendation, are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

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