

# 16-20-0+13 (S)

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	16.0%
16.0% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	20.0%
Sulfur (S) .....	13.0%
13.0% Combined Sulfur	

Derived from Monoammonium Phosphate and Ammonium Sulfate.

<p><small>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.</small></p>	<p><small>Information regarding the contents and levels of metals in this product is available on the internet at <a href="http://www.regulatory-info-jr.com">http://www.regulatory-info-jr.com</a></small></p>
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## PHYSICAL CHARACTERISTICS

<b>Lbs. of Nutrients/Ton:</b>	Nitrogen (N)	320
	Phosphate (P <sub>2</sub> O <sub>5</sub> )	400
	Sulfur (S)	<u>260</u>
	Combined Nutrient Total	<b>980</b>
<b>Bulk Density:</b>	60 lbs. per cubic foot (poured)	
<b>Solubility in Water:</b>	Better than 90%.	
<b>Granule Size:</b>	98% retained by Tyler screen mesh #16. (This is an in-line product of uniformly sized, free flowing granules.)	

## USES

- 16-20-0+13(S) is an excellent fertilizer for use on soils and crops requiring nitrogen, phosphorus and sulfur. The nitrogen is long lasting and the phosphorus and sulfur are in forms that are immediately available to the plant.
- 16-20-0+13(S) is adapted to a wide range of application methods: fall plow-down, spring preplant broadcast, banding at time of planting, drilled in with small grain seed, sidedressed and broadcast on pasture or grass alfalfa stubble.
- 16-20-0+13(S) is an ideal combination of N, P<sub>2</sub>O<sub>5</sub> and S to apply as a starter fertilizer on most crops.
- 16-20-0+13(S) can be used in custom blending as a source of nitrogen, phosphorus and sulfur.
- For specific application rates follow the recommendation of a qualified individual or institution, such as, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

## ADVANTAGES

- High sulfur content—contains sulfate sulfur 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.
- High water soluble phosphate—goes to work quickly and is utilized most efficiently by plants.
- 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.
- Low volatility—form of nitrogen and phosphorus that resists volatility.
- Nitrogen and Phosphorus combination improved nutrient uptake—ammoniacal form of nitrogen combined with phosphorus helps the plants to utilize the phosphorus more efficiently.
- Monoammonium phosphate—the risk of fertilizer injury to germinating seeds is reduced.
- Acidic fertilizer—has a slight acidic effect which helps offset nutritional problems in calcareous soils.
- Uniform pellets—free flowing, blends well, spreads evenly, dust free, and eliminates crusting and bridging in the bins.
- High analysis—allows more product to be stored in the same bin space and reduces handling cost and freight savings.

## SAFETY

Ammonium phosphate sulfate—16-20-0+13(S). Slight abrasion may result from eye contact or prolonged skin contact. Not generally considered toxic. Nonflammable. 16-20-0 is not regulated by DOT.