

# MONOAMMONIUM PHOSPHATE 11-52-0

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	11.0%
11.0% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	52.0%

Derived from Monoammonium Phosphate.

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>

## PHYSICAL CHARACTERISTICS

<b>Lbs. of Nutrients/Ton:</b>	Nitrogen (N)	220
	Phosphate (P <sub>2</sub> O <sub>5</sub> )	1040
	Combined Nutrient Total	1260
<b>Angle of Repose:</b>		30°
<b>Bulk Density:</b>		59 lbs. per cubic foot (poured) 64 lbs. per cubic foot (packed)
<b>pH (20% solution):</b>		4.0
<b>Solubility in Water:</b>		94% (% of total P <sub>2</sub> O <sub>5</sub> )
<b>Granule Size:</b>		96% passes through a 4mm (5 Tyler) and is retained by a 2.0mm (9 Tyler) screen. 100% retained by a 1.18mm (14 Tyler) screen. Average granule size 2.64mm.

## USES

1. Is an ideal combination of N and P<sub>2</sub>O<sub>5</sub> for use as a starter fertilizer on small grains, row crops, tree crops and forages. The monoammonium form reduces the risk of fertilizer injury to germinating seeds.
2. Chemically compounded N and P<sub>2</sub>O<sub>5</sub>. The ammonium phosphate combination in each pellet enhances the uptake of phosphorus by the plant. The highly water soluble phosphate goes to work quickly allowing efficient utilization by plants. The ammoniacal form of nitrogen reduces nitrogen losses by leaching.
3. Has a slight acidic effect, which helps counteract nutritional problems in calcareous soils.
4. 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. Is well adapted to a wide range of application methods—preplant broadcast, banded at planting time, drilled with small grains at seeding time, sidedressed, or broadcast on pasture or alfalfa stubble.
2. An excellent product for use in custom-mixed dry blends on all crops requiring nitrogen and phosphorus.
3. Has uniform pellet size: free flowing, blends well, spreads evenly, dust free, resists crusting and bridging in storage bins.
4. Is a high analysis product: allows for more nutrient to be stored in the same bin space and reduces handling and freight costs per pound of nutrient.

## SAFETY

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