



# DIAMMONIUM PHOSPHATE 18-46-0

**GUARANTEED ANALYSIS:**

TOTAL NITROGEN (N) .....	18.00%
18.00% Ammoniacal Nitrogen	
AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>5</sub> ).....	46.00%
Derived from Diammonium Phosphate.	



KEEP OUT OF REACH OF CHILDREN

**WARNING**

CAUSES SKIN IRRITATION. 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. Specific treatment see First Aid section on this label.

**PERSONAL PROTECTIVE EQUIPMENT:** Wear protective gloves / protective clothing / eye protection / face protection. Take off contaminated clothing and wash before reuse.

**FIRST AID: IF ON SKIN** Wash with plenty of water. If skin irritation occurs get medical advice / attention. **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**

<b>Lbs. of Nutrients/Ton:</b>	Nitrogen (N)	360
	Phosphate (P <sub>2</sub> O <sub>5</sub> )	920
	Combined Nutrient Total	1280
<b>Angle of Repose:</b>		30
<b>Bulk Density:</b>	57.5 lbs. per cubic foot (poured)	
	62.5 lbs. per cubic foot (packed)	
<b>pH (20% solution):</b>		7.3
<b>Solubility in Water:</b>		93% (% of total P <sub>2</sub> O <sub>5</sub> )
<b>Granule Size:</b>		94% 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 2.55mm.

**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.
2. Chemically compounded N and P<sub>2</sub>O<sub>5</sub>. The ammonium phosphate combination in each pellet enhances the uptake of phosphate by the plant. The highly water

soluble phosphate goes to work quickly allowing efficient utilization by plants. The ammoniac form of nitrogen reduces nitrogen losses by leaching.

3. Works well in acid or alkaline, calcareous or non-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 as a base in dry blends because of its N:P<sub>2</sub>O<sub>5</sub> ratio and its uniform pellet size.
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.

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.