

SSP 11-52-0

MONOAMMONIUM PHOSPHATE

Coated with AVAIL®

To comply with different state soil amendment regulations, SSP 11-52-0 Monoammonium Phosphate coated with AVAIL has three different labels. The correct Guaranteed Analysis, as noted below, will appear on the label according to your location.

ALL STATES

GUARANTEED ANALYSIS

Total Nitrogen (N)	11.0%
11.0% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)*	52.0%

Derived from Monoammonium Phosphate.

*52.0% Available Phosphate coated with Maleic Itaconic Copolymer (AVAIL).

Additional label guarantee for AVAIL in CALIFORNIA

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

0.27% Maleic Itaconic Copolymer (AVAIL)

Additional label guarantee for AVAIL in SOUTH DAKOTA

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

0.40% Maleic Itaconic Copolymer 0.27%

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

Lbs. of Nutrients/Ton:	Nitrogen (N)	220
	Phosphate (P ₂ O ₅)	<u>1040</u>
	Combined Nutrient Total	1260
Also Includes Non-Plant Food Ingredient: (Lbs/Ton)	Maleic Itaconic Copolymer (Avail)	5.4
Angle of Repose:	30°	
Bulk Density:	59 lbs. per cubic foot (poured) 64 lbs. per cubic foot (packed)	
pH (20% solution):	4.0	
Solubility in Water:	94% (% of total P ₂ O ₅)	
Granule Size:	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

- Is an ideal combination of N and P₂O₅ 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.
- Chemically compounded N and P₂O₅. 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.
- Has a slight acidic effect, which helps counteract nutritional problems in calcareous soils.
- 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.
- SSP 11-52-0 coated with AVAIL should be used at the same rates as non coated 11-52-0. 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

- Avail for Granular Phosphates (Patent No.6,525,155), a non-plant food ingredient designed for coating on granular phosphate fertilizers, sequesters antagonistic ions in the soil surrounding the fertilizer granule, reduces tie-up of phosphate, and makes phosphate more available to the plant. Avail increases phosphate availability through all stages of plant growth, including early development, the most crucial period for increasing yield potential. Avail is water soluble, biodegradable and non toxic. Undisturbed, Avail continues to inhibit phosphate fixation throughout the growing season.

SAFETY

Slight abrasion may result from eye contact or prolonged skin contact. Not generally considered toxic. Nonflammable. SSP 11-52-0 Monoammonium Phosphate Coated with Avail is not regulated by DOT.