

# ARVIS MAXX

## RHIZOVIT

F1550

**ARVIS MAXX** fertilizer additive is designed to protect urea-based fertilizers from ammonia volatilization with no crop restrictions. This product is recommended for surface or shallow-placed (less than two inches) urea and urea-containing fertilizers. It can be used pre-plant, pre-emergence, side-dress, top-dress or other post-planting applications. This product is not plant food and is not intended for use as a fertilizer.

**COMPATIBILITY:** **ARVIS MAXX** is compatible with most agricultural fertilizers and blends, however jar tests are recommended prior to the preparation of mixtures. It is also recommended that **ARVIS MAXX**-/UAN spray mixtures with pesticides, adjuvants, and (or) other products be applied to the soil as soon as possible after preparation.

**STORAGE AND HANDLING:** **ARVIS MAXX** should be stored above 32°F at a temperature range of 40°-100°F. Store in original container only. Keep packages tightly closed and do not allow water to be introduced to the container. Do not store near heat or an open flame. Exposure of **ARVIS MAXX** to below freezing temperatures for an extended period may result in the formation of gel and/or crystals. If this occurs, expose the product to ambient temperatures greater than 55°F and recirculate. This will result in reconstitution of the product, with no degradation of the active ingredient. Always wear appropriate chemical mixing personal protective equipment (PPE), including eye/face and hand protection.

### DIRECTIONS FOR USE:

Several environmental factors contribute to the degree and rate of nitrogen loss due to volatility, denitrification, and leaching. When considering the appropriate rate of **ARVIS MAXX**, factors known to increase loss should be considered:

- 1) Very wet soils.
- 2) The intensity of sunlight, wind, and humidity.
- 3) Conditions of high heat (both air and soil).
- 4) Higher soil pH levels have a greater potential for loss due to volatility.
- 5) Soil organic matter (OM), cation exchange capacity (CEC), and sandy soils (low levels of OM or CEC) increase nitrogen loss potential.
- 6) High amounts of crop residue or stubble tend to increase loss due to higher urease levels.

When conditions for increased nitrogen loss exist, or a longer length of nitrogen stabilization is needed, the rate may be increased by 25%. Shake well before use.



## CONTAINS NON-PLANT FOOD INGREDIENTS

### Active Ingredients:

- 15% ..... N-(n-butyl)-thiophosphoric triamide - NBPT  
2% ..... Dicyandiamide - DCD

### 83% ..... Other Ingredients

**DENSITY:** 9.34 lbs/gal at 68°F

### USE RATES:

- 32 Fl Oz Per Ton Of Granular Urea
- 25 Fl Oz Per Ton Of Liquid UAN

PLEASE READ CAREFULLY BEFORE USING - KEEP OUT OF THE REACH OF CHILDREN.  
RECIRCULATE WELL BEFORE USE. STORE ABOVE 32°F

## DANGER

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H361: Suspected of damaging fertility or the unborn child (Dermal, Inhalation, oral)

H372: Causes damage to organs through prolonged or repeated exposure.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe vapors.

P280: Wear protective clothing, protective clothing, eye protection, face protection, protective gloves.

P303+P361+P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: If exposed or concerned: Get medical advice/attention.



### PREPARATION OF ARVIS MAXX + UREA BLENDS:

For direct blending/impregnation on urea, a fertilizer blender or equipment capable of mixing urea directly with the product is required. Rotary, auger, and paddle mixers are all applicable – but their surfaces must be clean, dry, and free of rust. Weigh the urea and transfer it directly to the blender. Measure the desired amount of **ARVIS MAXX** and apply directly to the urea. Blend the urea/**ARVIS MAXX** mixture until coverage is uniform. **ARVIS MAXX** contains a blue dye to help in the verification that blending is sufficient. Under certain temperature/humidity conditions, **ARVIS MAXX**-treated fertilizer may clump together in the blender due to moisture. This situation may be prevented by including other types of fertilizers (e.g., monoammonium phosphate/diammonium phosphate, potash, etc.) or by adding drying agents based on attapulgit clay. Include the drying agent at the rate of 0.25-0.5% of the urea/**ARVIS MAXX**.

### PREPARATION OF ARVIS MAXX + UREA-AMMONIUM-NITRATE (UAN) BLENDS:

Fill the spray application tank to half of its volume with UAN. While maintaining agitation, add the desired amount of **ARVIS MAXX** and mix well. Complete the mixture by adding the remainder of the UAN.

### CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES:

If these terms are not acceptable, return the product, unopened, and the full purchase price will be refunded. This label is believed to be reliable and must be followed carefully. Injury to crops, animals, humans, or the environment where the product has been applied may result from extraordinary or unusual weather conditions, failure to follow the label directions, or poor application practices, all of which are beyond the control of TIMAC AGRO USA ("the manufacturer") and the seller. The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to. The manufacturer makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any purpose, and no such warranty shall be implied by law. The exclusive remedy against the manufacturer or seller for any cause of action relating to the handling or use of this product shall be limited to, at the seller's choice, one of the following: 1. Refund of the purchase price, or 2. Replacement of the product used. Neither the manufacturer nor the seller shall be liable for all claims against the company that are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income by the end user. The manufacturer and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

Manufactured By:  
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**This product is not plant food and is not intended for use as a fertilizer.**