

ARVIS

ADVANCED NITROGEN STABILIZER FORMULATION WITH PATENTED BLEND OF ANTIOXIDANTS & RHIZOVIT

ACTIVE INGREDIENTS..... 15%

N-(N-BUTYL)-THIOPHOSPHORIC TRIAMIDE – NBPT (CAS RN 94317-64-3)

N-(N-PROPYL) THIOPHOSPHORIC TRIAMIDE – NPPT (CAS RN 916809-14-8)

DICYANDIAMIDE – DCD (CAS RN 461-58-5)

INERT INGREDIENTS..... 85%

PROPRIETARY EXTRACTS, PENETRANTS, SOLVENTS, COLORANTS AND FRAGRANCE.

**PLEASE READ CAREFULLY BEFORE USING - KEEP OUT OF THE REACH OF CHILDREN
SHAKE WELL BEFORE USE – STORE ABOVE 32°F**

GENERAL INFORMATION:

ARVIS 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.

WARNING:

USE ONLY ACCORDING TO LABEL DIRECTIONS AND AT RECOMMENDED RATES. ALWAYS WEAR PROPER PERSONAL PROTECTION INCLUDING LONG SLEEVES, LONG PANTS, GOGGLES, AND CHEMICAL RESISTANT GLOVES WHEN HANDLING THIS PRODUCT. USE ONLY WITH ADEQUATE VENTILATION. IF ORGANIC VAPORS OR DUSTS ARE PRESENT ABOVE THEIR REGULATORY LIMITS, FOLLOW A RESPIRATORY PROTECTION PROGRAM WHENEVER WORKPLACE CONDITIONS WARRANT RESPIRATOR USE.

GENERAL USE RATES:

32 OZ PER TON OF GRANULAR UREA

24-32 OZ PER TON OF LIQUID UAN

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, 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. SOIL PH (HIGHER PH SOILS HAVE GREATER POTENTIAL FOR VOLATILITY LOSS). 5. SOIL ORGANIC MATTER, CEC, AND SANDY SOILS (LOW LEVELS OF OM OR CEC INCREASE NITROGEN LOSS POTENTIAL). 6. CROP RESIDUE/STUBBLE (HIGH AMOUNTS OF RESIDUE 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%.

**WARNING
DANGER**



**THIS PRODUCT IS NOT
PLANT FOOD AND IS
NOT INTENDED FOR
USE AS A FERTILIZER.**

H315: CAUSES SKIN IRRITATION.
H318: CAUSES SERIOUS EYE DAMAGE.
H335 : MAY CAUSE RESPIRATORY IRRITATION.
H360: MAY DAMAGE FERTILITY OR THE UNBORN CHILD.
P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
P260: DO NOT BREATHE VAPORS/SPRAY.
P271: USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
P280: WEAR FACE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.
P305+P351+P338+P310: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A DOCTOR OR POISON CENTER.
P308 + P313: IF EXPOSED OR CONCERNED, SEEK MEDICAL ADVICE/ATTENTION.
P405: STORE IN A SECURE LOCATION.

PREPARATION OF ARVIS + 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 AND APPLY DIRECTLY TO THE UREA. BLEND THE UREA/ARVIS MIXTURE UNTIL COVERAGE IS UNIFORM. ARVIS CONTAINS A BLUE DYE TO HELP IN THE VERIFICATION THAT BLENDING IS SUFFICIENT. UNDER CERTAIN TEMPERATURE/HUMIDITY CONDITIONS, ARVIS-TREATED FERTILIZER MAY CLUMP TOGETHER IN THE BLENDER DUE TO MOISTURE. THIS SITUATION MAY BE PREVENTED BY INCLUDING OTHER TYPES OF FERTILIZERS (E.G., MAP/DAP, POTASH, ETC.) OR BY ADDING DRYING AGENTS BASED ON ATTAPULGITE CLAY. INCLUDE THE DRYING AGENT AT THE RATE OF 0.25-0.5% OF THE UREA/ARVIS.

PREPARATION OF ARVIS + 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 AND MIX WELL. COMPLETE THE MIXTURE BY ADDING THE REMAINDER OF THE UAN.

COMPATIBILITY: ARVIS-TREATED FERTILIZERS ARE COMPATIBLE WITH MOST AGRICULTURAL FERTILIZERS AND BLENDS, HOWEVER, JAR TESTS ARE RECOMMENDED PRIOR TO THE PREPARATION OF MIXTURES. IT IS ALSO RECOMMENDED THAT ARVIS/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 SHOULD BE STORED IN A TEMPERATURE RANGE OF 32°-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 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. THIS WILL RESULT IN RECONSTITUTION OF THE PRODUCT, WITH NO DEGRADATION OF THE ACTIVE INGREDIENT.

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.

WEIGHT PER GALLON

9.67 lbs.

NET CONTENT

2.5 Gal | 24.175 lbs.

MANUFACTURED BY TIMAC AGRO USA
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2.5 GAL