

FOR MIXING WITH UREA AMMONIUM NITRATE (UAN) SOLUTIONS

General Information

DIRECTIONS FOR USE

WARNING: Read the entire label before use. Use only according to label directions. Before buying or using this product, read the “Warranty Sales of Conditions”. If terms are unacceptable, return at once unopened to place of purchase. Always wear proper personal protection (recommend long sleeves and long pants, goggles and ANSELL EDMONT NEOX Neoprene gloves Number 9-912 or equivalent when handling the product.) Use only with adequate ventilation (large volumes of air movement). If organic vapors or dusts are present above their regulatory limits, follow a respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable Federal / State, provincial or local requirements whenever workplace conditions warrant respirator use.

APPLICATION RATES

This product is urea specific and may be used for any nitrogen consuming plants including Ornamentals, Pastures, Row crops, Sod farms, Specialty crops, Turfgrass and other landscape and nursery plantings. This product is recommended for surface application of urea and urea containing fertilizers such as pre-plant, pre-emergence, side-dress, top-dress, broadcast or other post-planting applications. The benefits of this product as a urease inhibitor are a result of its ability to retard the hydrolysis of urea and control volatility, preventing ammonia loss while the urea is on the soil surface.

Many factors in the environment contribute to volatilization. The factors increasing volatilization that should be considered when choosing the appropriate rate include:

1. High soil moisture
2. Drying conditions including low humidity, sun and wind
3. High air and soil temperatures
4. High pH soils
5. Low organic matter and lower Cation Exchange Capacity (CEC) soils
6. High amounts of crop residue
7. Length of control needed

Limitations, Restrictions, and Exceptions

26.7% by weight active ingredient solution.

- When conditions favoring volatility exist, or when longer control is needed, the rate may be increased by 1 quart / ton.

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Procedure

1. Wear proper personal protection which is long sleeves and long pants, goggles and ANSELL EDMONT NEOX Neoprene gloves Number 9-912 or equivalent.
2. Use only with adequate ventilation with large volumes of air movement. If used with inadequate ventilation respiratory protection is required.
3. Fill the spray tank half full with UAN solution.
4. Add the product to the UAN solution and mix thoroughly by agitation prior to adding pesticides or surfactants.
5. With agitators on, add the appropriate amount of this product for the desired concentration in the full volume.
6. Mix well and then add the remainder of the UAN solution.
7. Use blended UAN solution soon after mixing. If necessary, UAN treated with this product may be stored up to 10 weeks.

Compatibility

Some testing has been conducted to assess the stability and compatibility of this product with certain herbicides and adjuvants. Test results show that the rate of the degradation should not preclude the use of this product with most commonly used agricultural herbicides under normal use. Most agricultural chemicals compatible with UAN solutions are also compatible with this product. However, compatibility tests prior to use are recommended. Glyphosate herbicides may cause an increase in the rate of degradation when tank-mixed with this product. Therefore such mix should be applied soon after mixing to avoid a possible reduction in the effectiveness of the active ingredient.

Method

[Surface](#)

Rates

[field rates 0](#)

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Timings

[N.A.](#)