

FOR BLENDING ON UREA

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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Equipment Required

- An accurate scale to weigh materials.
- A fertilizer blender or other equipment suitable for rolling or blending the urea particles with this product. A rotary device that can tumble the urea and allow for uniform contact with this product without spillage is appropriate. Auger and paddle mixers may also be used. Exposed inner surfaces should be clean, dry and rust free.

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. Weigh the urea and transfer into the mixing or blending equipment.
4. Measure the desired quantity of this product.
5. Apply the product to the urea in the blender. Blend well before introducing other fertilizer materials and allowing adequate time for uniform coverage. A dye is included in the product to assist in evaluating the uniformity of coverage.
6. Under certain temperature and humidity conditions urea blended with the product may stick together. Often the addition of other fertilizer materials to the blender, such as potash, will eliminate the need to add a drying agent. If the particles remain sticky, add small amounts of finely ground, highly absorbent, free-flowing powders such as attapulgate clays at concentrations as low as 0.25% by weight of the treated urea.

Storage after blending:

Granular dry urea treated with this product is suitable for long-term storage in sealed plastic bags. Research shows stabilized fertilizer packaged in sealed plastic bags may be stored 9 months between 66° and 77°F.

Method

[Surface](#)

Rates

[field_rates 0](#)

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Timings

[N.A.](#)