

N-Rize™

BELOW GROUND

Nitrogen Stabilization



PREMIUM BELOW GROUND NITROGEN PROTECTION

N-RIZE™ BELOW GROUND by New Dawn Crop Performance™ is an advanced nitrogen management system that increases nitrogen availability and uptake, in addition to reducing nitrogen loss. N-RIZE™ BELOW GROUND treats the nitrogen fertilizer so that it's maintained in a stabilized and available form.

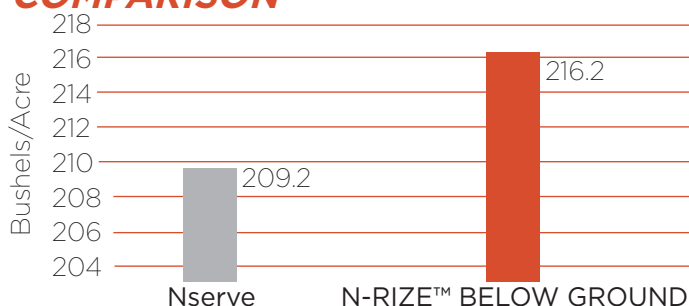
PRODUCT BENEFITS

- Reduces leaching by 47%
- Increases nitrogen availability and uptake
- Does not kill beneficial soil bacteria
- Manages nitrogen during key growth stages
- Non-corrosive calcium-based polymer
- No planting restrictions

INGREDIENTS

Ca-Heleropcllysaccharides	5.2%
Ca-Aminoethylpiperazine	5.8%
Alkylarylpolyoxyethylene Glycols	22.0%
Ammonium Thiosulfate	2.0%
Other Ingredients	65.0%
Total	100%

ANHYDROUS AMMONIA COMPARISON



APPLICATION INSTRUCTIONS & USE RATES

N-RIZE™ BELOW GROUND is intended for use as a penetrant with anhydrous ammonia, liquid fertilizers, and liquid manures. N-RIZE™ BELOW GROUND is intended to be used as a supplement to a regular fertilizer program and may not, by itself, provide all nutrients required by crops and other plants.

APPLICATION RATES:

ANHYDROUS AMMONIA: Use 6 oz. of N-RIZE™ BELOW GROUND per 50 units of nitrogen.

LIQUID FERTILIZERS: Use 2 qts (64 oz.) of N-RIZE™ BELOW GROUND per ton of UAN (28%, 30% or 32%)

LIQUID MANURES: Use 24 oz. to 32 oz. of N-RIZE™ BELOW GROUND per acre.

DIRECTIONS FOR USE:

ANHYDROUS AMMONIA:

- 1) Operator must follow all anhydrous safety precautions.
- 2) Inject N-RIZE™ BELOW GROUND through liquid fill valve.
- 3) If pressure exceeds 150 psi, inject N-RIZE™ BELOW GROUND through the liquid withdrawal valve.
- 4) Proper maintenance is required. Flush valve thoroughly with anhydrous. Coat fill valve thoroughly with a petroleum or silicone based lubricant. Apply treated anhydrous using conventional anhydrous application equipment.

LIQUID FERTILIZERS:

N-RIZE™ BELOW GROUND may be mixed with liquid fertilizers such as aqua ammonia or other liquid ammoniacal fertilizers. Liquid fertilizers containing high levels of phosphate should not be used with N-RIZE™ BELOW GROUND.

If pesticides are added to the tank mix in conjunction with liquid fertilizers, a compatibility jar test should be performed prior to large-scale application to the field.

LIQUID MANURES:

N-RIZE™ BELOW GROUND may be mixed with liquid animal manures. N-RIZE™ BELOW GROUND may be applied to slurry pit or through an injection system as material is loaded into applicator.

PRODUCT AVAILABILITY

Products are available in both 2.5 gallon jugs and 250 gallon totes.

Please visit NewDawnCropPerformance.com for more information.

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