

N-GEAR[®]

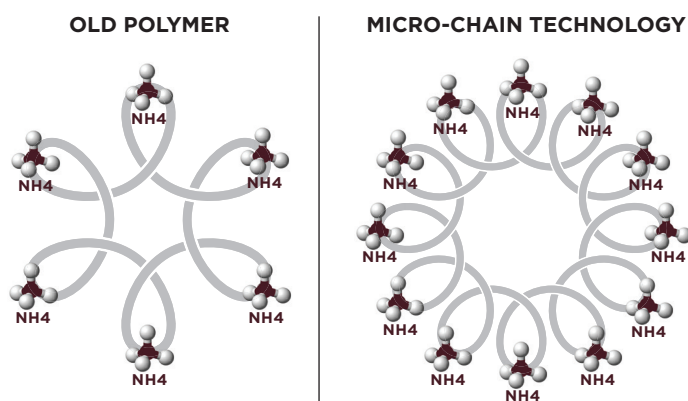
DUAL ACTION

NITROGEN STABILIZATION

PREMIUM ABOVE AND BELOW
GROUND, BIO-FRIENDLY NITROGEN
MANAGEMENT SYSTEM

N-GEAR[®] DUAL ACTION gives you flexibility of both above and below ground nitrogen protection. N-GEAR DUAL ACTION is specifically formulated for use in urea and UAN scenarios.

Micro-Chain Technology captures and maintains more nitrogen in the upper root zone, increasing nitrogen uptake and utilization. The NH₄ molecules are more densely packed, leading to more binding sites to limit nitrogen loss.



PRODUCT BENEFITS

- **Dual-action protection**
 - Up to three weeks of above-ground protection from volatilization
 - Reduces nitrogen loss below ground due to leaching
- **Increases nitrogen efficiency, availability and uptake**
- **Formulated to help build soil biological activity**
- **Non-toxic with no detrimental effects on soil bacteria and non-corrosive to equipment**
- **Specifically formulated for urea and UAN, and can be used with multiple fertilizer sources**

ACTIVE INGREDIENTS

NBPT (N-(n-butyl)-thiophosphoric triamide)
Solution (CAS No. 94317-64-3)20.0%

Inactive Ingredients

Propylene Glycol, 1-methyl-2-pyrrolidone and
Copolymer Surfactant80.0%
TOTAL.....100.0%

DIRECTIONS FOR USE

UREA BLENDING:

May be used to treat urea prior to application in the field, including pre-treatment. Under certain temperature and humidity conditions, urea blended with N-GEAR DUAL ACTION may stick together. Application of urea to the field is recommended soon after treatment for best results.

UAN SOLUTIONS:

May be mixed with liquid fertilizers such as aqua ammonia or other liquid ammoniacal or urea nitrogen fertilizers. Liquid fertilizers containing high levels of phosphate should not be used with N-GEAR DUAL ACTION. 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 MANURE:

May be mixed with liquid animal manures. N-GEAR DUAL ACTION may be applied to slurry pit or through an injection system as material is loaded into applicator.

RECOMMENDED USE RATES

Urea (46-0-0): 2-3 quarts per ton of urea

UAN Solutions (28-32%): 1.5 quarts per ton of total solution

Liquid Manure: 13.5-18 oz per acre

PRODUCT AVAILABILITY

Available in 2x2.5 gallon jugs (36 cases per pallet), 250-gallon totes or bulk.

Density: 8.9 lb/gal

Specific Gravity: 1.01 at 68°F (20°C)

Storage: Store above 32°F (0°C). Do not allow product to freeze.

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