

N-GEAR® DUAL ACTION

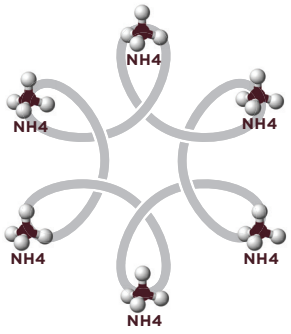
NITROGEN STABILIZATION

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

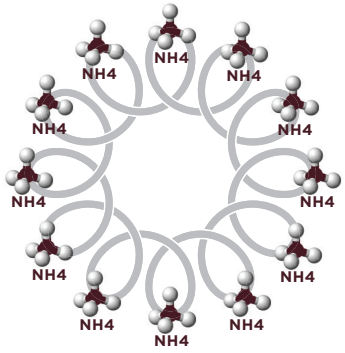
N-GEAR® DUAL ACTION gives you flexibility of both above and below ground nitrogen protection. N-GEAR DUAL ACTION is specifically formulated for use in urea and UAN scenarios.

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.

OLD POLYMER



MICRO-CHAIN TECHNOLOGY



PRODUCT BENEFITS

- Dual-action protection
  - Up to three weeks of above-ground protection from volitization
  - 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 Surfactant	80.0%
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 compatability 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

Storage: Store above 32ºF (0ºC). Do not allow product to freeze.

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