

TRIDENT™

A VERDESIAN NUE SOLUTION™



With the addition of Trident, Verdesian Life Sciences now has the most complete lineup of N stabilizers in the industry.

Trident™ is the most complete solution for nitrogen loss. The Trident product platform contains a new series of N stabilizers that protect against all three forms of nitrogen loss. Our unique, proprietary polymer, combined with time-tested technology, allows for the ultimate protection in any environment and at every stage of the growing season.

NEW, ALL-IN-ONE SOLUTION

- Protects against all three forms of nitrogen loss: volatilization, nitrification, and denitrification
- 4.6% yield increase versus untreated in initial trials
- Improves efficacy of NBPT and DCD when paired with the patent-pending, co-polymer, solvent blend
- Flexible application rate for UREA and UAN: 1.5-2.5 qts/ton
- Delivers premium performance with a lower overall chemical load to the soil compared to some competitor products
- An Enhanced Efficiency fertilizer product suitable for use in Conservation Stewardship Programs (CSP)

TRIDENT 3-WAY FORMULATIONS

| | TRIDENT V | TRIDENT | TRIDENT N |
|--------------------------|--|--|--|
| Formulation | 15% NBPT 5% DCD Co-Polymer Solvent Blend | 10% NBPT 10% DCD Co-Polymer Solvent Blend | 5% NBPT 20% DCD Co-Polymer Solvent Blend |
| Fertilizer Source | UAN & Urea | UAN & Urea | UAN & Urea |
| Positioning | • Protection against all 3 forms of nitrogen loss, with emphasis on volatilization | • Optimized to protect against all 3 forms of nitrogen loss • Single SKU solution | • Protection against all 3 forms of nitrogen loss with emphasis on nitrification |

There are both dyed and undyed versions of each product with a "G" added to the end of the name (i.e.: TRIDENT VG).



REGION

All



CROP

Row and Specialty Crops



TIMING

Pre-Plant, Surface-Applied,
Top-Dress, Side-Dress
and Fertigated



RATE

1.5-2.5 qts/ton



PACKAGE

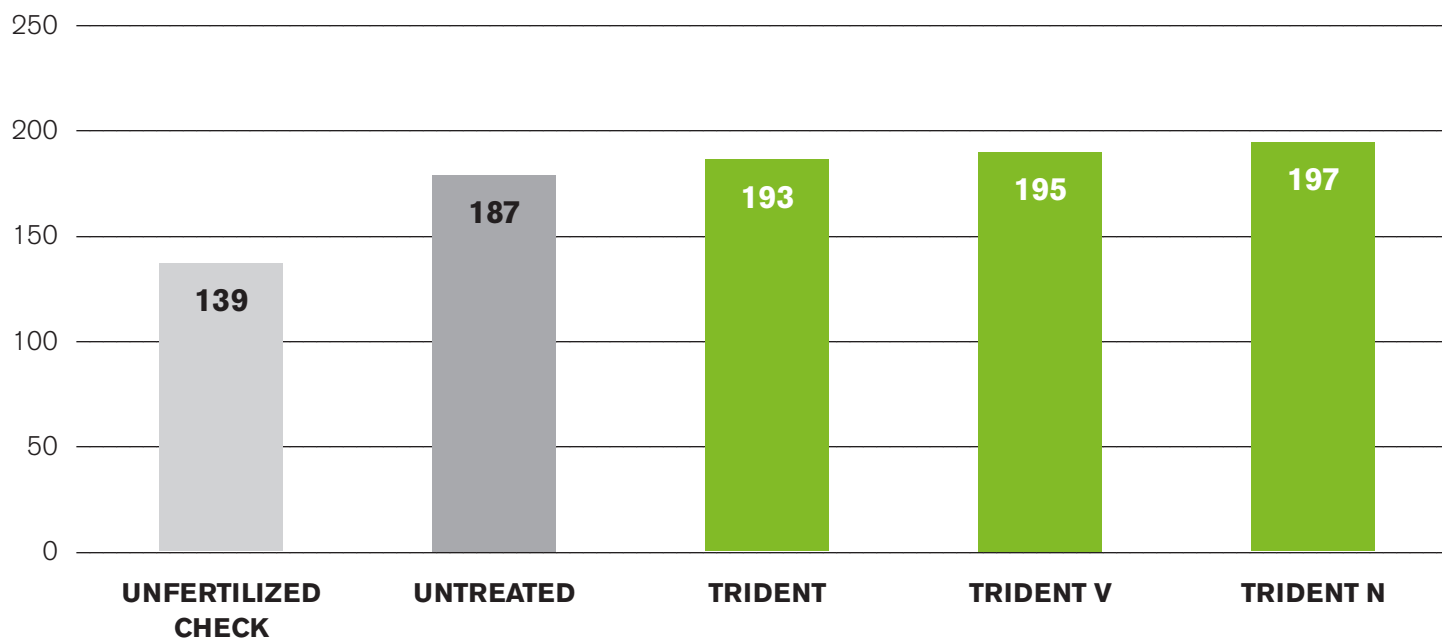
2.5 Gal., 250 Gal. Tote, Bulk

A COMPLETE N STABILIZER

Trident is a formulation of three key components that create a holistic nitrogen stabilizer.

| | TRIDENT COMPONENTS | FEATURES |
|---|---|--|
| 1 | NBPT | Protects against nitrogen loss due to volatilization |
| 2 | DCD | Minimizes nitrogen loss from nitrification and denitrification, improving air and water quality |
| 3 | Patent-pending Verdesian polymer and solvent system | Stabilizes formulation, enhancing treatment characteristics of NBPT and DCD into the nitrogen source |

AVERAGE YIELD 2020 UREA CORN TRIALS



Results of field trials conducted on 16 sites with a total of 80 replications in 2020, Nitrogen rate of 125lbs/a, plant population of 44,000ppa, Trident rate at 2 qts/ton.