

# 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. Trident is the most complete solution for nitrogen loss.

### 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 patented, co-polymer, solvent blend
- Flexible application rate for UREA and UAN: 1.5-2.5 qts/ton
- Ideal for acres that require a CSP-approved product

### TRIDENT 3-WAY FORMULATIONS

	TRIDENT V	TRIDENT	TRIDENT N
<b>Formulation</b>	15% NBPT 5% DCD Co-Polymer Solvent Blend	10% NBPT 10% DCD Co-Polymer Solvent Blend	5% NBPT 20% DCD Co-Polymer Solvent Blend
<b>Fertilizer Source</b>	UAN & Urea	UAN & Urea	UAN & Urea
<b>Positioning</b>	<ul style="list-style-type: none"> <li>• Protection against all 3 forms of nitrogen loss, with emphasis on volatilization</li> <li>• Similar or better results with a lower chemical load</li> </ul>	<ul style="list-style-type: none"> <li>• Optimized to protect against all 3 forms of nitrogen loss</li> <li>• Similar or better results with a lower chemical load</li> <li>• Single SKU solution</li> </ul>	<ul style="list-style-type: none"> <li>• Protection against all 3 forms of nitrogen loss with emphasis on nitrification</li> <li>• Similar or better results with a lower chemical load</li> </ul>

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

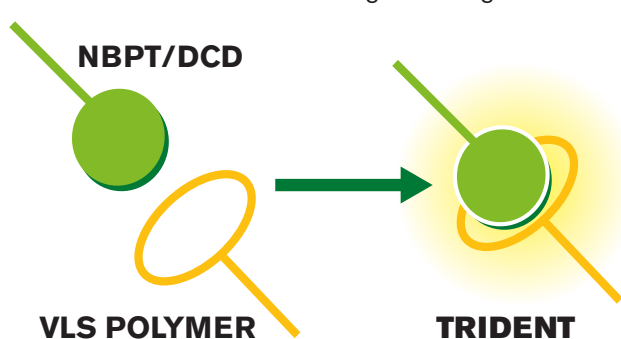


**PACKAGE**

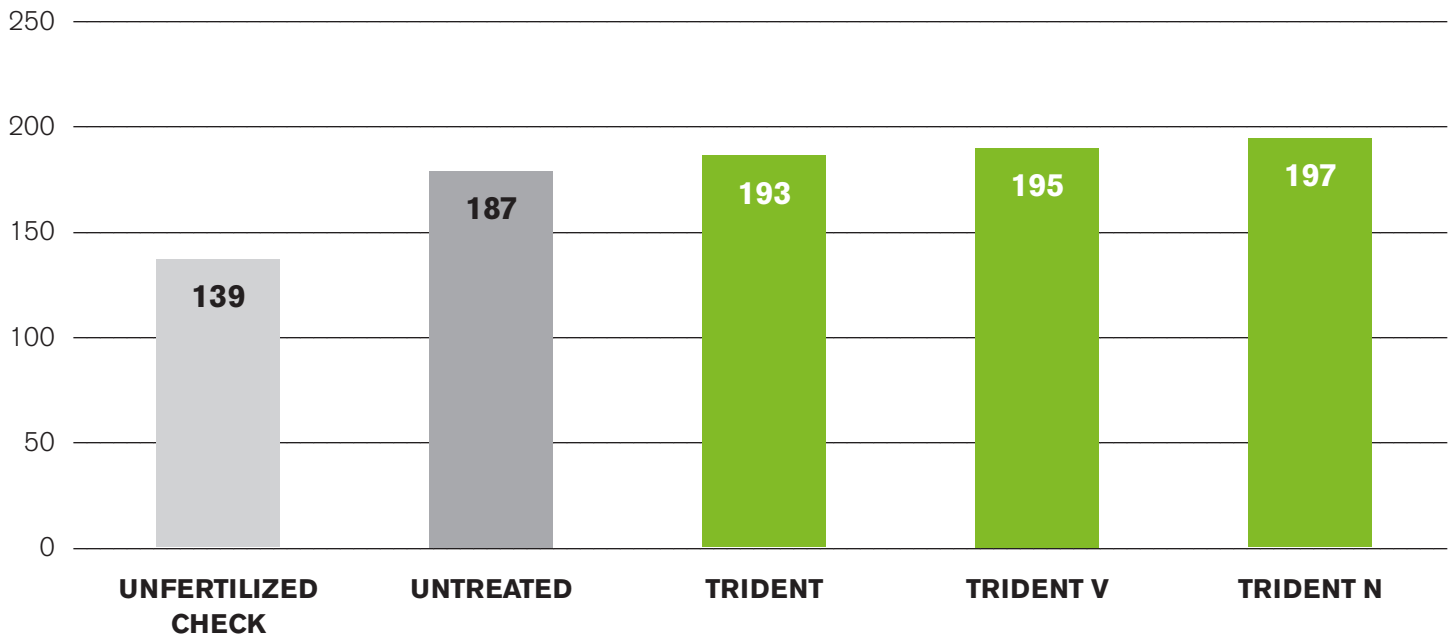
2.5 Gal., 250 Gal. Tote, Bulk

## A HOLISTIC N STABILIZER

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

TRIDENT COMPONENTS		FEATURES
1	<b>NBPT</b>	Protects against nitrogen loss due to volatilization
2	<b>DCD</b>	Minimizes nitrogen loss from nitrification and denitrification, improving air and water quality
3	<b>Patent-pending Verdesian polymer</b>	<p>Binds to NBPT and DCD maximizing active ingredient efficacy</p> 
4	<b>Patented organic solvent system</b>	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 and NUE Charge G rate at 2 qts/ton.