



**REGION**

All regions

**CROP**

All crops

**TIMING**

Season long

**RATE**

See label

**PACKAGE**

2.5 Gal., 265 Gal. tote

N-Charge® G uses patented Verdesian T5 polymer technology to make applied nitrogen (N) more available to the plant, supporting in-season Nitrogen Use Efficiency. N-Charge G increases nitrogen uptake throughout the growing season.

**WHY N-CHARGE G?**

**NUTRIENT AVAILABILITY:** Polymer technology acts as an exchange resin, supporting in-season improvement of Nitrogen Use Efficiency

**NUTRIENT ACCESSIBILITY:** Increased availability of ammonium to the plant during peak Nitrogen use increases Nutrient Use Efficiency

**NUTRIENT UPTAKE:** Increases total Nitrogen uptake during the growing season to maximize grower Return on Investment (ROI)

**RETURN ON INVESTMENT (ROI)**

CORN PRICE	\$3.00	\$3.50	\$4.00	\$4.50
EXPECTED GROSS RETURN	\$28.20	\$32.90	\$37.60	\$42.30
N-CHARGE G COST	\$12.00	\$12.00	\$12.00	\$12.00
NET RETURN	\$16.20	\$20.90	\$25.60	\$30.30
RETURN (ROI)	<b>1.4x</b>	<b>1.7x</b>	<b>2.1x</b>	<b>2.5x</b>

200 bu target corn. Assume 300lb N Urea applied and N-Charge G cost of \$12. All 2018-2019 3rd party and retail trials included. N=31

**IMPROVED NITROGEN USE EFFICIENCY**

- N-Charge G has an impact to improve Nitrogen Use Efficiency by reducing the effects of nitrogen loss (as demonstrated by Partial Nutrition Balance (PNB) and Agronomic Efficiency metrics)
- Forty-three 2018-2020 third party Contract Research party trials across eight states with 207 replicates delivered a 2.9% increase (all sites) in corn yield
- 70% win rate vs. Competitive Nitrogen Stabilizers: 14 wins and 6 losses vs. competition, delivering 1.6% (3.3 bu/A) advantage vs. competition across 20 trials
- Proprietary T5 polymer improving nitrogen efficiency (more gain vs. competitive nitrogen stabilizers from every unit of N when treated with N-Charge G)

**PROOF OF PERFORMANCE**

Average % Increase in Corn Yield Vs. Fertilizer Control (43 sites, 207 replications) Bu/Ac

<b>N-CHARGE G</b>	<b>2.0</b>
COMPETITOR	.4

**ASK US ABOUT THE  
VERDESIAN  
PERFORMANCE  
GUARANTEE**

Important: Always read and follow label use directions. All TM/R © 2022 Verdesian Life Sciences. All rights reserved. VLS 22.0306

**VLSCI.COM**  
**800-868-6446**