



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)	1.4x	1.7x	2.1x	2.5x

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

N-CHARGE G

2.0

COMPETITOR

.4

ASK US ABOUT THE VERDESAN 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