

TAKE OFF[®] LS

A VERDESIAN NUE SOLUTION™

Take Off[®] LS Nitrogen Fertilizer Manager accelerates your nutrient uptake to maximize your crops and your yield.

MORE EFFICIENT USE OF NUTRIENTS

- More efficiently assimilates carbon and utilizes nitrogen and other nutrients
- Proprietary formulation designed to mimic a naturally-occurring molecule that optimizes nutrient acquisition and assimilation
- Increases production of amino acids, carbohydrates, etc., that fuel plant growth and reproduction

A FASTER START MEANS A HEALTHIER CROP

- Flexibility of timing and application
- For in-furrow application, treated crops are one or more growth stages ahead of untreated by mid-season
- Foliar applications result in greener, taller plants with more leaf biomass
- Corn side-dress UAN applications result in darker green corn

SPECIALLY FORMULATED FOR ROW CROPS

- Take Off LS equals a 4-6 bu/A yield increase in corn and a 2-4 bu/A yield increase in soybeans
- Tank-mix compatible with most current herbicide platforms

SUPPORTS SUSTAINABLE PRODUCTION

- Increased plant energy improves nutrient uptake and utilization
- More nutrients in the plant means fewer nutrients lost to the environment
- Part of a sustainable 4R Nutrient Stewardship program



REGION

Midwest



CROP

Corn, soybeans, cereals,
cotton, canola,
alfalfa hay & forage crops



TIMING

In-furrow and
foliar applications



RATE

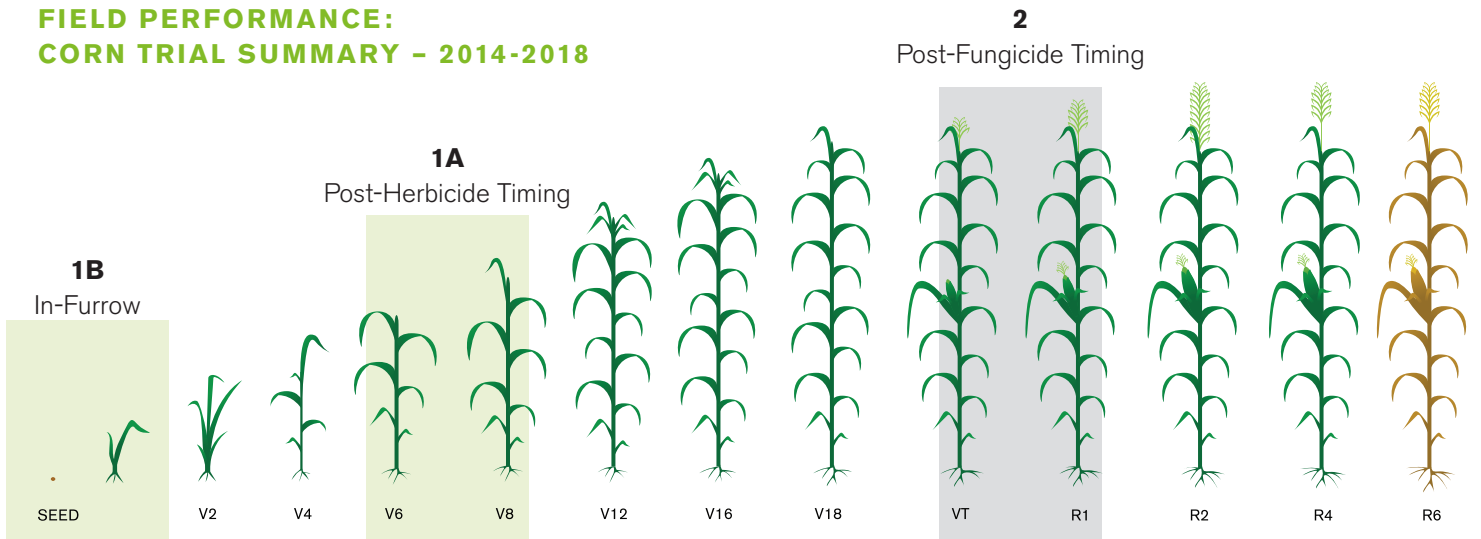
1-2 pts/A



PACKAGE

2x2.5, 265

**FIELD PERFORMANCE:
CORN TRIAL SUMMARY - 2014-2018**



ECONOMICS: HIGHEST AGRONOMIC POTENTIAL

1A Post-Herbicide Timing

Foliar with V4-V6 Post-applied Herbicide

Herbicide alone: 211.8 bu/A
 Herbicide + Take Off: 217.4 bu/A
+5.6 bu/A

1B In-Furrow (w/starter fertilizer)

In-Furrow w/Starter Fertilizer

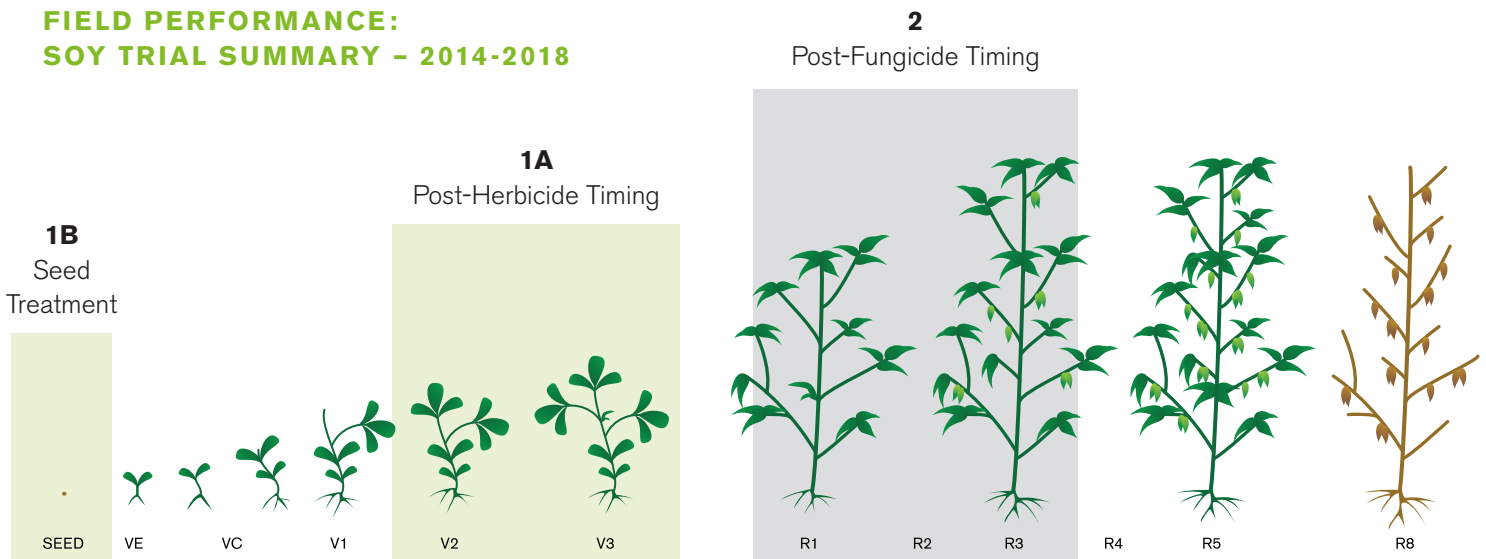
Starter @ 5 GPA: 234.8 bu/A
 Starter + Take Off: 240.6 bu/A
+5.8 bu/A

2 Post-Fungicide Timing

Average Grower Return

Post Herbicide Timing
 4.7x gross ROI (~\$3.50 / Bu for corn,
 cost ~\$4.25 / A for Take Off LS)

**FIELD PERFORMANCE:
SOY TRIAL SUMMARY - 2014-2018**



ECONOMICS: HIGHEST AGRONOMIC POTENTIAL

1A Post-Herbicide Timing

**Foliar with V2-V3
Post-applied Herbicide 1pt**

Herbicide alone: 71.9 bu/A
 Herbicide + Take Off: 75.7 bu/A
+3.8 bu/A

1B Seed Treatment

Preside Ultra

Base Seed Treatment 54.7 bu/A
 Preside Ultra 56.6 bu/A
 *Means are significantly different
 (LSD 0.05)
 *38 trial sites 58% win rate

2 Post-Fungicide Timing

Average Grower Return

Post Herbicide Timing
 8.0x gross ROI (\$9.00 / bu for soy,
 cost ~\$4.25 / A for Take Off LS)



**ASK US ABOUT THE VERDESIAN
PERFORMANCE
GUARANTEE**

800-868-6446 | vlsci.com

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