

# TAKE OFF<sup>®</sup> LS

A VERDESIAN NUE SOLUTION<sup>™</sup>

**Take Off<sup>®</sup> 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
- Tank-mix-approved with\*:
  - XtendiMax<sup>®</sup> Herbicide with VaporGrip<sup>®</sup> Technology
  - DuPont<sup>™</sup> FeXapan<sup>®</sup> Plus VaporGrip<sup>®</sup> Technology
  - Enlist<sup>®</sup>
  - Enlist Duo<sup>®</sup>

## 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



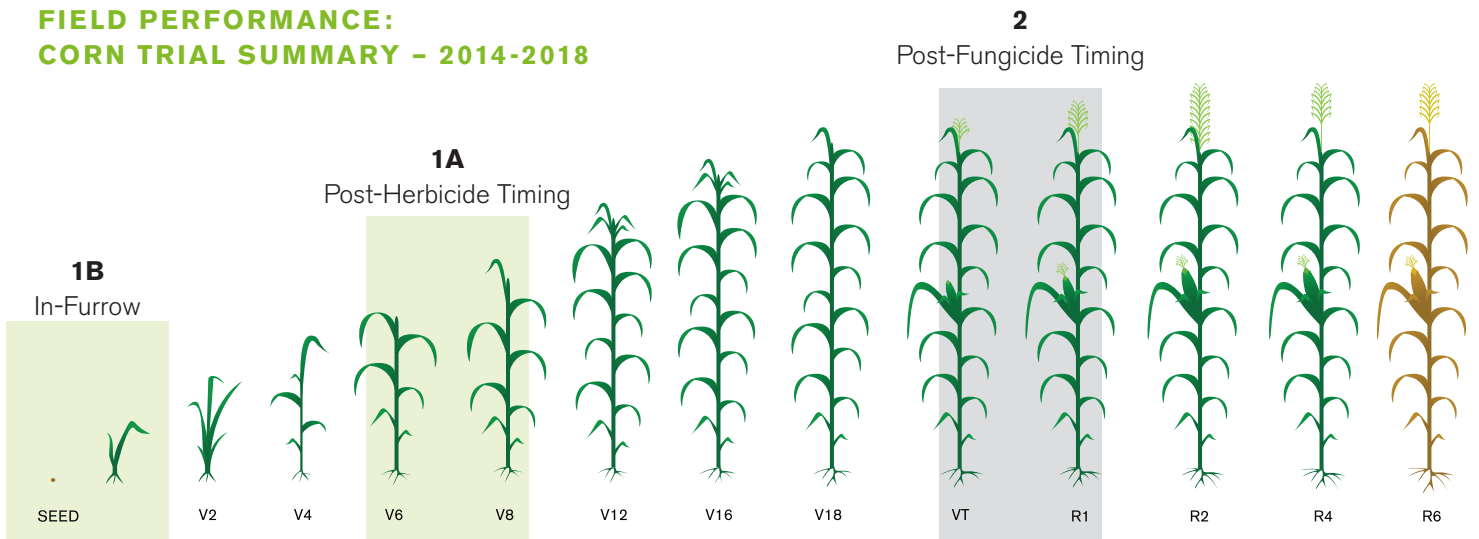
ASK US ABOUT THE VERDESIAN

**PERFORMANCE  
GUARANTEE**

800-868-6446 | vlsci.com

\*Always refer to herbicide-approved tank mix list before adding Take Off LS.  
Important: Always read and follow label use directions.  
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**FIELD PERFORMANCE:  
CORN TRIAL SUMMARY – 2014-2018**



**ECONOMICS: HIGHEST AGRONOMIC POTENTIAL**

**1A Post-Herbicide Timing**

**Foliar with V4-V6 Post-applied Herbicide**

Herbicide alone: 201.3 bu/A  
 Herbicide + Take Off: 206.8 bu/A  
**+5.5 bu/A**

**1B In-Furrow (w/starter fertilizer)**

**In-Furrow w/Starter Fertilizer**

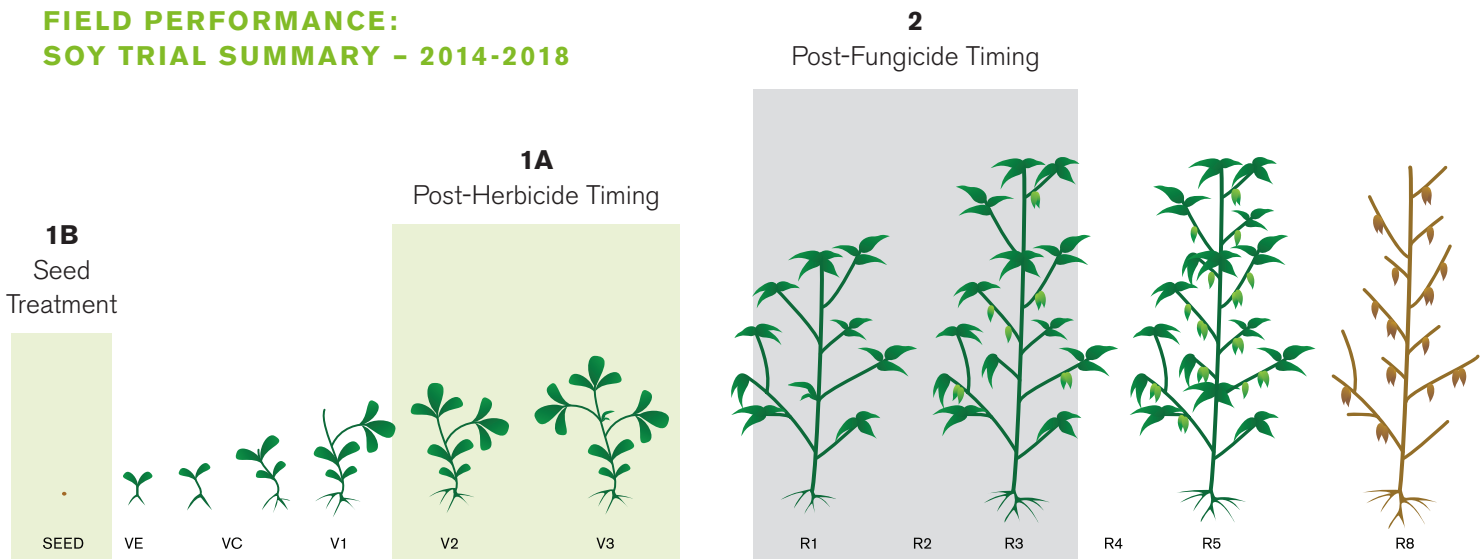
Starter @ 5 GPA: 197.3 bu/A  
 Starter + Take Off: 202.9 bu/A  
**+5.6 bu/A**

**Average Grower Return**

**Post Herbicide Timing**

5x gross ROI (~\$4.05 / Bu for corn, cost ~\$4.50 / 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: 60.4 bu/A  
 Herbicide + Take Off: 63.7 bu/A  
**+3.3 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)<sup>†</sup>  
<sup>†</sup>38 trial sites 58% win rate

**Average Grower Return**

**Post Herbicide Timing**

6.5x gross ROI (\$8.95 / bu for soy, cost ~\$4.50 / A for Take Off LS)

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