

SummitGold™

Liquid Plant Food

Trial Data Summary

SummitGold/Midwest Distributing, Inc. 2601 W. Lake Ave. Suite A6 #314, Peoria, IL 61615 www.summitgold.com

SOYBEAN PROGRAM RESULTS

Multi-Pass Nutrition & Crop Support

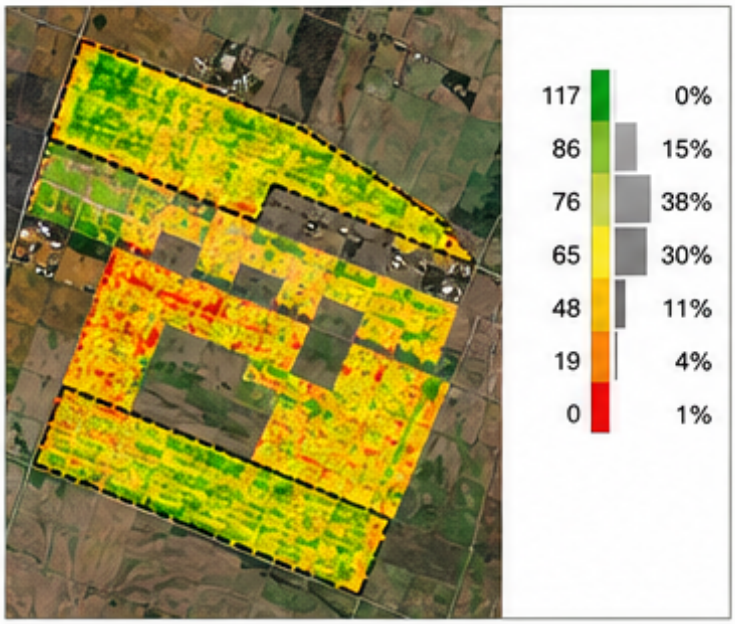
SummitGold
Liquid Plant Food

OWENSBORO, KENTUCKY RESULTS

Program included in-furrow soybean concentrate and foliar applications at R1, R3 and R4.

17.4 ACRES	83 ACRES
78 BU/AC	76 BU/AC

ForceField was applied in the dotted line areas shown above.



SOUTH BEND, INDIANA RESULTS

2.4 & 3.0 GLY-TOLERANT PLENISH® SOYBEANS

88.0 BU/AC

14.25% Moisture

Comprehensive program with in-furrow inputs and foliar applications at R1 and R3–R4 for maximum performance.

FIELD	VARIETY DETAILS	YIELD (bu/ac)	NOTES
Field 1	3.0 Gly-Tol Plenish Bean	83.2	–
Field 2	3.0 Gly-Tol Plenish Bean	78.8	–
Field 3	**2.4/3.0 Gly-Tol Plenish Bean**	**88.0**	**Program Field**
Field 4	2.4 Gly-Tol Plenish Bean	70.7	–
Field 5	2.7 Gly-Tol Plenish Bean	68.5	–
Field 6	2.4 Gly-Tol Plenish Bean	72.0	–

PROGRAM OBJECTIVE

ESTABLISH
In-furrow nutrition for strong early development

PROTECT
Early post & foliar applications to support the crop

PERFORM
Maximize yield potential through reproductive stages

Results may vary. Performance depends on many factors including weather, soil conditions, management practices and crop genetics. These results represent specific field observations.

ForceField™
Plant Growth Regulator

TRIAL RESULTS

2025 | Wabash, Indiana

Enlist E3 soybeans • 3.2 maturity • 46.7-acre field



WHOLE-FIELD COMPARISON

ForceField Treated

82.1 bu/ac

Untreated

76.7 bu/ac

YIELD ADVANTAGE

+5.4 bu/ac

SIDE-BY-SIDE COMPARISON

ForceField Treated

85.1 bu/ac

Untreated

77.7 bu/ac

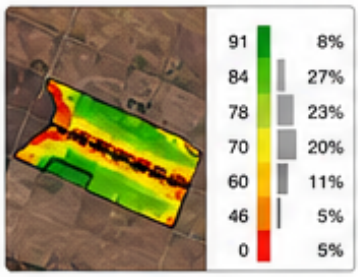
YIELD ADVANTAGE

+7.4 bu/ac

ADDITIONAL FIELD RESULTS

Roanoke, IN – Soybeans

2023 trials averaged >10 bu/ac increase under R3 stress with some areas reaching 20+ bu/ac.





Corn State Yield Trial

15–20 bu/ac increase in side-by-side comparison with increased test weight.

APPLICATION STRATEGY

Apply at V3–V5 under excessive stress or R2–R4 otherwise.
Two applications per season are recommended.

Always jar test with intended tank-mix. Apply with fungicide when compatible.

SummitGold®
Liquid Plant Food

Compliment®

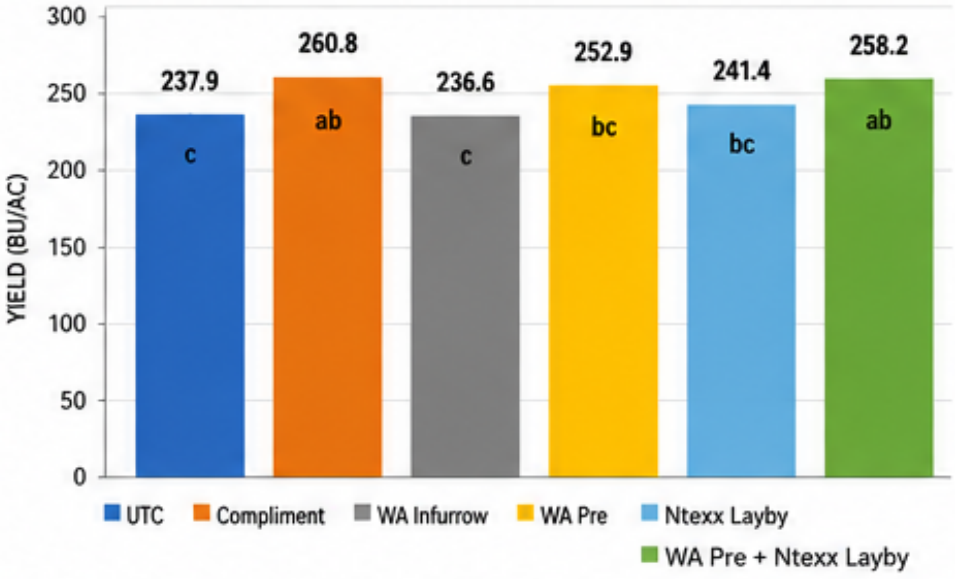
BIOSTIMULANT TRIALS

INDEPENDENT RESEARCH

HIGH PLAINS CONSULTING, INC. – LUBBOCK, TX

BIOSTIMULANTS ON CORN 2017–2018

Yield Bu/Ac – Summary Across All Trials







KEY TAKEAWAY

Compliment delivered one of the highest average yields across all biostimulant treatments in this independent, multi-trial study.

Compliment®

MICROBES POWERING SG InFuze™

INDEPENDENT EDUCATIONAL RESEARCH PLOTS 2016 SOYBEANS

TREATMENT	APPLICATION	APPLICATION COST	YIELD (bu/ac)	PROFIT (@ $8.40/bu, after fertility inputs)
Compliment	16 oz Compliment only	$8.00	62.7	+$66.05/acre
Control	18-46-0 @ 100 lbs. 0-0-60 @ 100 lbs.	$52.21	60.1	-



Compliment®

INDEPENDENT EDUCATIONAL RESEARCH PLOTS 2017 CORN

TREATMENT	YIELD (bu/ac)	YIELD CHANGE (bu/ac)	ROI (@ $3.00/bu, after cost)
Compliment	222	+10	+$28/acre
Control	212	-	-

KEY TAKEAWAY

Compliment increased soybean yield by 2.6 bu/ac and corn yield by 10 bu/ac, delivering strong profitability in independent educational research plots.

Compliment®

IN ROW STARTER

NORTHERN IN – COMPLIMENT / IN ROW STARTER TRIAL

2018

TRIAL OVERVIEW

- **Location:** Northern Indiana
- **Crop:** Corn
- **Year:** 2018
- **Trial Type:** FieldView® Yield Monitor
- **Objective:** Evaluate the effect of Compliment in row starter on corn yield.

TREATMENT	AVG YIELD (bu/ac)	ACRES
In Row Starter + Compliment	249	0.9
In Row Starter Only	240	1.1
Untreated Check	233	1.1



TRIAL RESULTS SUMMARY

UNTREATED CHECK	IN ROW STARTER ONLY	IN ROW STARTER + COMPLIMENT
233 BU/AC	240 BU/AC	249 BU/AC
	+7 bu/ac vs. Check	+16 bu/ac vs. Check

KEY TAKEAWAY

Adding Compliment to an in row starter program increased yield by 16 bu/ac over the untreated check in this Northern Indiana trial.

Compliment®

Microbes powering SG InFuze™

Cotton & Soybean Field Trial Stand Counts - North Carolina

TREATMENT	COTTON STAND COUNT	COTTON CHANGE	SOYBEAN STAND COUNT	SOYBEAN CHANGE
Compliment	36,625	**+5,063**	75,250	**+6,750**
Untreated	31,562	-	68,500	-

Compliment applied in-furrow at 16 oz/acre

COTTON – FIELD VIEW



SOYBEAN – PLANT COMPARISON



Cotton Field Trial Yield - North Carolina

TREATMENT	LINT YIELD PER ACRE	YIELD CHANGE
Compliment	1,246.4	**+234.6 lbs.**
Untreated	1,011.8	-

Compliment applied in-furrow at 16 oz/acre

KEY TAKEAWAY

Compliment increased cotton lint yield by 234.6 lbs. per acre and improved stand counts in both cotton and soybeans in this North Carolina field trial.

SG Accelerate™

RESIDUE DEGRADER

Blend of residue-degrading bacteria, food sources and wetting agent

UNTREATED



SG Accelerate™ TREATED WITH SG ACCELERATE (3 WEEKS)



KEY TAKEAWAY

SG Accelerate breaks down crop residue faster, helping release nutrients, improve soil conditions and support stronger next-season performance.

SG Accelerate™

Poultry manure applied pre-plant over entire field
Right – SG Accelerate applied over poultry manure

UNTREATED



SG Accelerate™

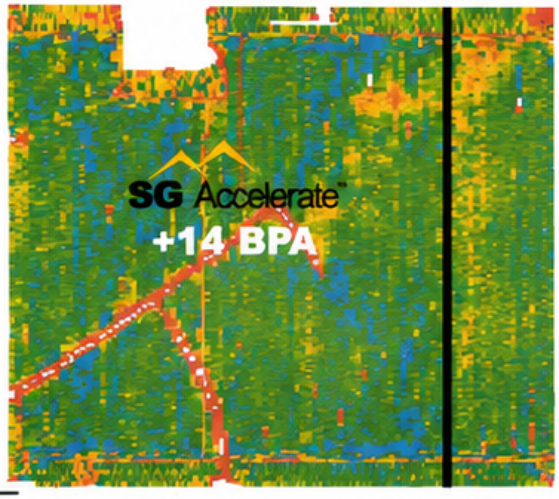


KEY TAKEAWAY

This crop experienced drought conditions for nearly 6 weeks in July & August. The manure that was treated with SG Accelerate (bottom pictures) experienced a much more efficient cycling of Carbon, more Carbon Dioxide release and better water retention. The result is higher sugar content, improved stress tolerance and a substantial difference in crop yield.

SG Accelerate™

Corn Yield following SG Accelerate treatment of mint crop residue



KEY TAKEAWAY

SG Accelerate treatment of mint crop residue resulted in a +14 bushel per acre increase in corn yield.

Visible effects of SG Accelerate degrading corn residue

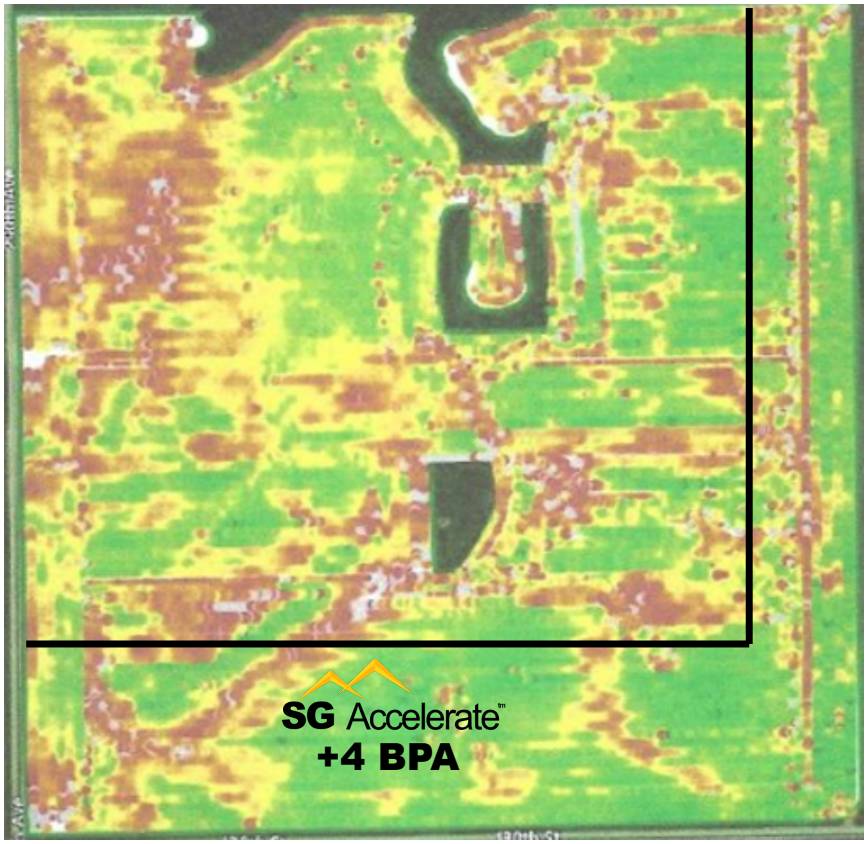


KEY TAKEAWAY

SG Accelerate significantly accelerates residue breakdown, improving soil health and nutrient availability.

Minnesota - 2017

Soybean Yield following SG Accelerate application on Corn Residue



North Dakota

SG Accelerate applied on corn residue October 2016, Photos taken February 2017.





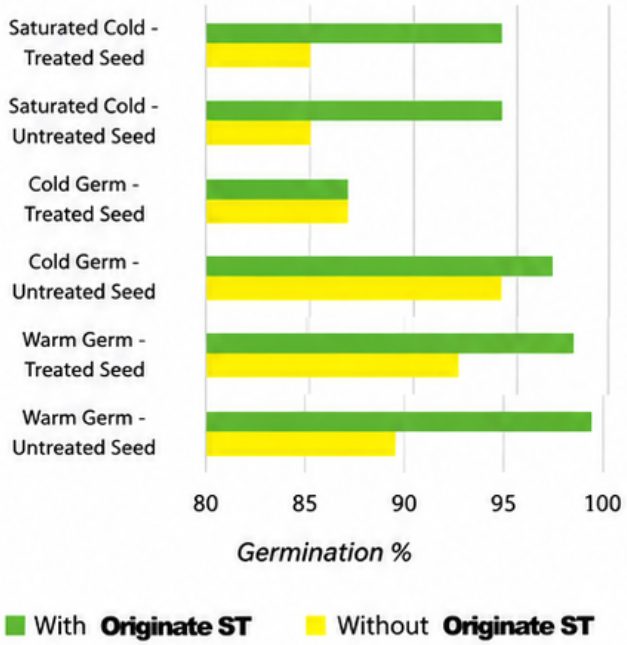
Originate™ ST

ULTIMATE SEED TREATMENT

The Indiana Crop Improvement Association, ICIA, performed germination tests for Originate ST following their long-established protocols. For over 100 years the ICIA has been a leader in seed certification, seed quality testing, genetic testing and research. ICIA, a non-profit, self-supporting agency, exists to deliver unbiased, needed services to their member customers.

The results from the tests show enhanced germination with the use of Originate ST (detailed below). Tests were performed on both Treated Soybean Seeds (fungicide and inoculant) and Untreated "naked" Soybean Seeds. Not only did seeds treated with Originate ST show strong germination in ideal conditions (Warm Germination Test) but particularly seeds treated with Originate STSeed Treatment showed significantly better germination in cold/wet conditions (Cold Germination and Saturated Cold Test).

ICIA GERMINATION TEST



SummitGold® Liquid Plant Food

Originate™ ST

ULTIMATE SEED TREATMENT

Independent Research

Soybean Seed Treatment Trial:
38 various Seed Treatments - IL (2 reps)

Originate ST = 69.4 BPA
(#1 out of 38)
Base= 69.4 (+6 BPA)

SOYBEANS

Base = Metalaxyl + Fludioxonil + Imidacloprid

CODE	TREATMENT	IL Neoga 1	IL Neoga 2	Ave
Treatment #31	**Originate ST**	**72.1**	**66.6**	**69.4**
Treatment #8	Base (1L MD rate) + BIOST Nematicide + VPH	74.0	64.3	69.2
Treatment #25	Base + Headsup + BIOST Nematicide	62.5	74.6	68.6
Treatment #24	Base + TrueHyde + BIOST Nematicide	68.6	67.6	68.1
Treatment #33	Base + BDX Seed Treatment	73.4	62.6	68.0
Treatment #14	Lumisena + STF Conquer	73.0	62.5	67.8
Treatment #7	Base (1L MD rate) + LeVio + BIOST Nematicide + VPH	68.9	66.4	67.7
Treatment #5	Base (- Imidacloprid) + Poncho/Voitvo + LeVio	64.8	70.2	67.5
Treatment #18	Base + DGT 2003	69.7	65.1	67.4
Treatment #13	Base (-Imidacloprid) + Lumisena	61.3	71.4	66.4
Treatment #30	Base + Agra-Route	66.4	66.2	66.3
Treatment #17	Base + Encalibre SA 18SE_04055-VP	61.1	71.5	66.3
Treatment #9	Base (Unleoz)	58.7	71.6	65.2
Treatment #35	Base + Aveo EZ	66.0	63.6	64.8
Treatment #34	Base + UHC Innoculant	71.2	58.0	64.6
Treatment #27	Base + S208	66.7	61.6	64.2
Treatment #6	Base (low rate F) + Intego Solo	65.3	62.9	64.1
Treatment #4	Base + LeVio + VPH	61.2	66.7	64.0
Treatment #28	Base + Exp. BCS	65.1	62.7	63.9
Treatment #32	Base + Nib-10L ST	64.0	63.1	63.6
Treatment #2	**Base**	**64.0**	**62.7**	**63.4**
Treatment #3	Base + VPH	64.1	62.2	63.2
Treatment #12	Base + BASNem 1	62.0	64.1	63.1
Treatment #21	B775 + B798	59.6	65.8	62.7
Treatment #26	Base (1L Bioz MD rate) + BIOST Nematicide	64.4	60.7	62.6
Treatment #19	Base + DGT 2012	59.8	64.4	62.1
Treatment #16	Base + Commence	58.5	64.9	61.7
Treatment #29	Base + EGC, N30S	61.0	62.3	61.7
Treatment #15	Base + F4018	59.5	63.8	61.7
Treatment #23	Base + BIOST Nematicide	58.7	62.3	60.5
Treatment #10	Base + Vibrance	56.5	64.3	60.4
Treatment #20	B775	61.2	58.0	59.6
Treatment #22	Base + B798	57.4	60.9	59.2
Treatment #1	**UTC**	**62.5**	**55.8**	**59.2**
Treatment #38	Base + Root-Tek	57.1	60.9	59.0
Treatment #36	Base + AgPhos S Boost ELX	59.4	57.6	58.5
Treatment #37	Base + Biovante XP	61.2	53.2	57.2
MEAN				**63.8**

Originate™ ST

Ultimate Seed Treatment



- **Concentrated Microbial Formula**
- **Over 2 Dozen Strains of Versatile and Viable Microbes**
- **Addition of Nodulating Bacteria for 2019**

(Sinorhizobium fredii, considered to be an improved nodulator over the original Rhizobium species)

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Liquid Plant Food

Originate™ ST

Ultimate Seed Treatment

Originate ST Microbes

Occur naturally in the soil

- Organisms not modified or engineered in any way

Explode their populations in the soil

- Change plant growth dramatically when on/near roots

Manufacture Root Growth Promoting Compounds

- Make more and bigger roots improving nutrient uptake

Manufacture multiple enzymes that release fertility

- Release many P forms and micros especially iron

Manufacture enzymes that harvest nitrogen from the air

- Fix nitrogen in root zone and make it soil and plant available

Improve plant health and speed crop development

- Raises sugar levels in the plant providing stress relief

Interact with the plant to improve growth efficiency/productivity

- Removing stress at key times improves yield/quality
- Iron releasing technology- siderophore production

Improve soil tilth

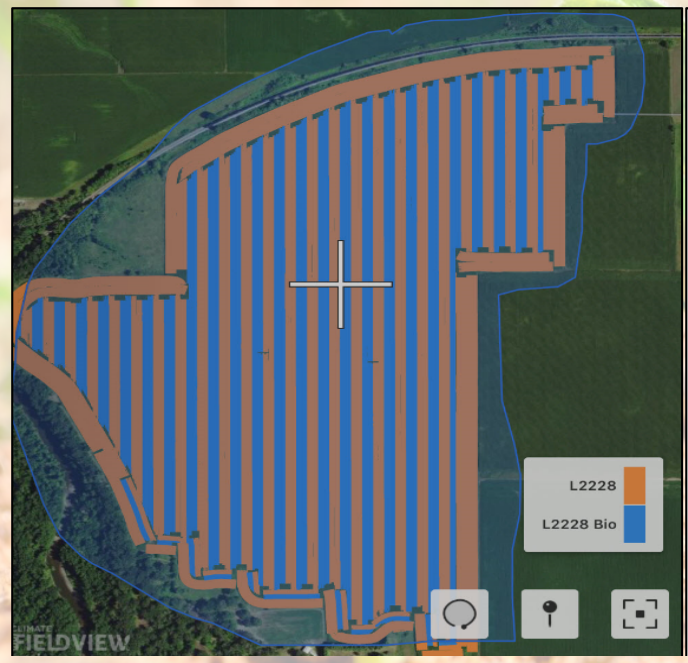
- Microbes release compounds that aggregate soil
- Larger root masses deposit higher organic matter to soil
- Microbes cycle soil organic carbon more efficiently

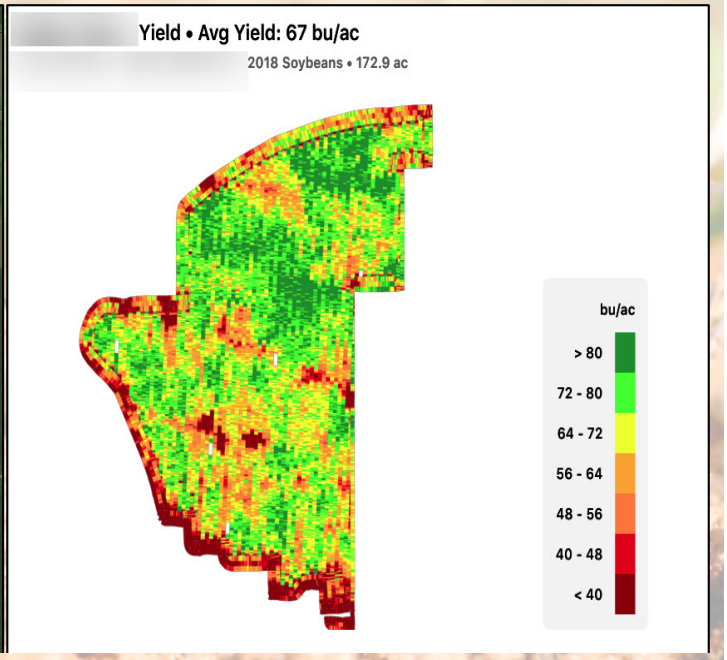
SummitGold™ Liquid Plant Food

Originate™ ST

Ultimate Seed Treatment

NC Iowa 2018 Soybeans -170 acres (85 acres each)
24 rows each (blue with Originate ST, Orange without)





170.7 ac Harvested	10.1 % Moisture	67 bu/ac Average Yield

By Variety	Avg. Yield	Acre
L2228 Bio	70	69.2
L2228	65	99.8

+ 5 BPA Originate™ ST

SummitGold™ Liquid Plant Food

Originate™ ST

Ultimate Seed Treatment

Independent Research

26 different Biostimulants- Comparison WHEAT *Seed Treatment Trial-* ***7 States, 39 Replications***

Originate ST Seed Treat= 79.6 BPA +3bpa (3/26)

Mean= 76.7, Untreated 77.2

TREATMENT	Replic Averag
Base + Seed Treat #10	80.0
Base + Seed Treat #8	79.6
Base + Originate ST	79.6
Base+ Seed Treat #15	79.6
Base + Seed Treat #14	79.6
Base + Seed Treat #4	79.5
Base + Seed T reat #12	79.4
Base + Seed Treat #22	79.4
Base + Seed Treat #11	79.4
Base	79.2
Base + Seed Trea #16	79.2
Base + Seed Treat #23	79.0
Base + Treatment #26	79.0
Base + Seed Treatment #6	78.8
Base + Seed Treatment #9	78.8
Base + Seed Treatment #25	78.7
Base + Seed Treatment #13	78.6
Base + Seed Treatment #5	78.5
Escalate	78.4
Base + Seed Treatment #21	78.3
Base + Seed Treatment #7	78.3
Base + Seed Treatment #18	77.7
Base + Seed Treatment #20	77.5
Base + Seed Treatment #19	77.3
Untreated	77.2
Base + Seed Treatment #24	76.7
	78.7

7 States- 39 Replications

Originate™ ST

Ultimate Seed Treatment



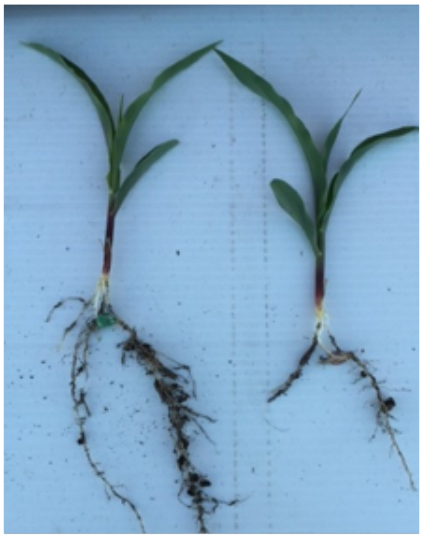






Originate™ ST

Ultimate Seed Treatment









Originate™ ST

Ultimate Seed Treatment



Product Attributes Checklist	Originate ST
Improves Germination	X
Improves early growth and vigor	X
Application window of 90+ days	X
Compatable with other products	X
Contains strains that work in varying O2 conditions	X
Contains nodulating N-fixing inoculant	X
Contains other beneficial microbes	X
Provides food sources for microbes in blend	X
Contains phosphate releasing technology	X
No special replant restrictions	X
Produces multiple enzymes around root	X
Contains food sources that chelate micronutrients	X
Contains dozens of strains of microbes	X
Contains iron releasing technologies	X
Built specifically to work in high pH calcareous soils	X
No special mixing or agitation required	X
No special bag tagging required	X
Live entire season in conjunction with plant roots	X
Produces enzymes that fix atmospheric N to soil	X
Produce enzymes that degrade cellulose into food	X
Produce enzymes that degrade chemicals into food	X
Contains both bacterial and fungal strains	X
Contains multiple strains producing chitinase	X
Contains strains that work in a wide temp range	X

"Treat your seed with Originate ST Seed Treatment and have confidence in knowing you have given it the power of life to maximize yield and productivity. Originate ST Seed Treatment lives on well into the season with the roots and continues to provide health benefits to plants long after crop protection chemicals have been degraded by chemicals or microbes.