

# **Stilo**<sup>TM</sup> **PSR**

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**2018 - 2022  
PERFORMANCE REPORT**

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**SIPCAM AGRO**  
USA

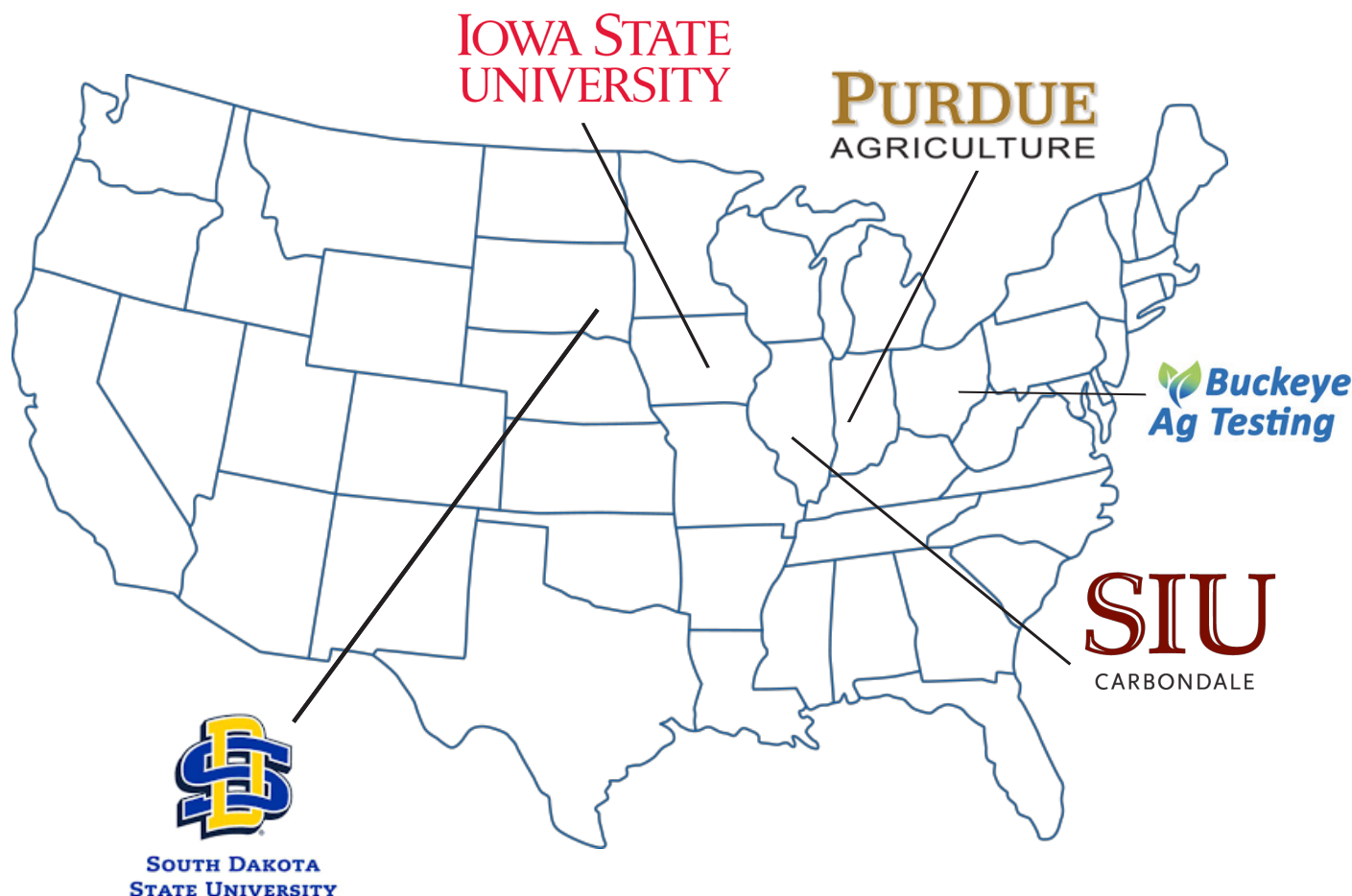


## 2018 - 2022 UNIVERSITY & 3rd PARTY RESEARCH STUDIES

The evolution of Stilo PSR began with a simple goal - create a product that row crop growers could utilize to mitigate in season crop stress. It had to be easy to apply with low use rates, fit existing applications going across the acre, and most importantly, be an economical investment for the grower. Pulling from our existing toolbox of naturally derived products, we settled on a proposed formulation that needed to be proven in research trials. To ensure our results represented a broad look across varying corn & soybean growing conditions, we selected South Dakota State University, Iowa State University, & Purdue.

Due to the less than optimum soil and moisture conditions of South Dakota, we started our trial journey there. In 2018, we applied 5oz per acre of Stilo PSR with a POST application. Achieving an 9 bushel/acre increase on corn, we repeated the trial in 2019, and added our proven amino acid product Potente into the protocol. In order to advance Stilo PSR into further investment priorities, it had to outperform our flagship amino acid product, Potente. The results of the 2019 trials showed that Potente continued to provide yield benefits, but Stilo PSR at 5oz provided an additional 5 bushel increase over a pint of Potente. With confirmation we had the desired product performance, we moved our trial work into more preferred soil and moisture condition growing regions. In 2020 & 2021, we conducted our trials at Iowa State University and Purdue. For the 2022 crop seasons, we performed trials in 2 additional states.

In summary, Stilo PSR has provided consistent ROI and yield gains across varying soil, climate, and abiotic stress conditions, year over year. Replicated university trials and grower demo trials has proven Stilo PSR to be a solid investment for your farm.





# University Trial Summary - Stilo PSR:



IOWA STATE  
UNIVERSITY

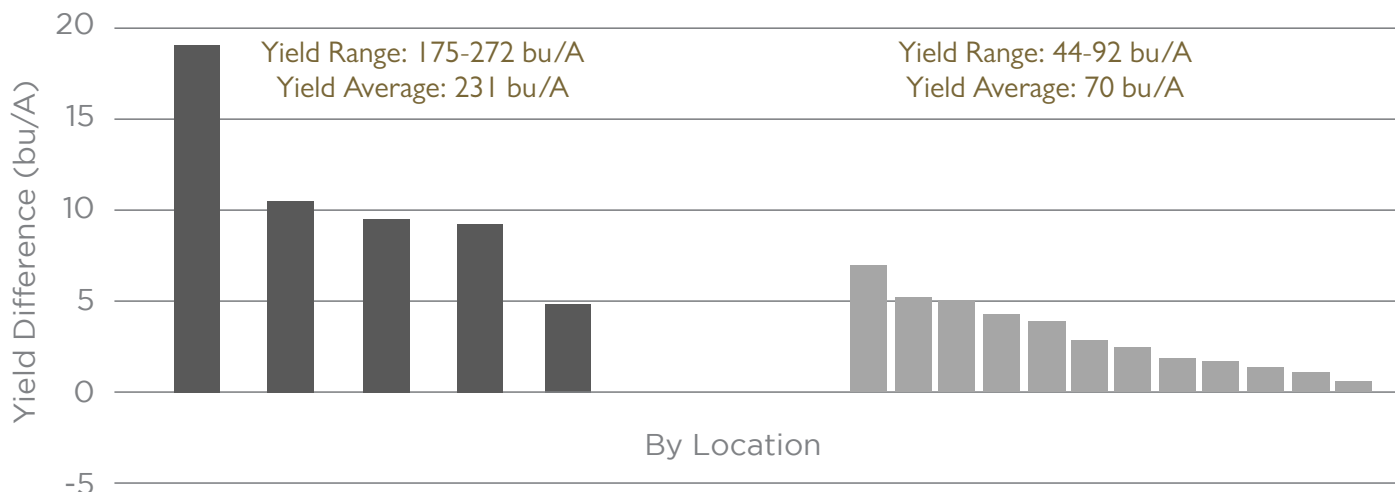
PURDUE  
AGRICULTURE

SIU  
CARBONDALE

Buckeye  
Ag Testing

**CORN = 10.6 Bu Advantage**

**SOYBEAN = 3.47 Bu Advantage**



## UNIVERSITY & 3rd PARTY RESEARCHER YIELD SUMMARY —

Year	University / 3rd Party	Location	Crop	Tank Mix	Treated	Control	Difference
2018	SDSU	Brookings	Corn	Glyphosate	216	207	9
2019	SDSU	Brookings	Corn	Glyphosate	175.2	166	9.2
2020	Purdue	Lafayette	Corn	Glyphosate	272.2	261.4	10.8
2021	Iowa State	Ames	Corn	Glyphosate	250	245	5
2021	Iowa State	Ames	Corn	Gly & Fung	264	245	19
Average					235.48	224.88	10.6

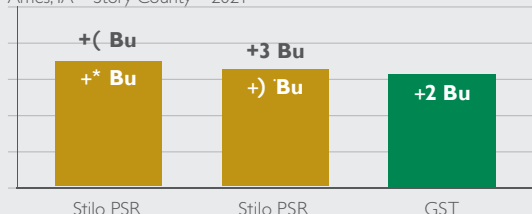
Year	University / 3rd Party	Location	Crop	Tank Mix	Treated	Control	Difference
2020	Iowa State	Ames	Soybean	Glyphosate	69	62	7
2020	Purdue	Lafayette	Soybean	Glyphosate	91.9	86.6	5.3
2021	Iowa State	Ames	Soybean	Glyphosate	76	72	4
2021	Iowa State	Ames	Soybean	Fungicide	75	72	3
2021	Purdue	Lafayette	Soybean	Glyphosate	43.7	41.5	2.2
2021	Purdue	Lafayette	Soybean	Fungicide	44.3	41.5	2.8
2022	South Eastern Illinois	Carmi	Soybean	Fungicide	76.1	74.0	2.13
2022	South Eastern Illinois	Carmi	Soybean	Fungicide	75.7	74.3	1.4
2022	South Eastern Illinois	Carmi	Soybean	Fungicide	76.8	72.6	4.22
2022	Buckeye Ag Testing	Urbana	Soybean	Fungicide	67.2	62.3	4.9
2022	Buckeye Ag Testing	Urbana	Soybean	Fungicide	62.4	60.3	2.1
2022	Buckeye Ag Testing	Urbana	Soybean	Fungicide	66.8	64.2	2.6
Average					68.7	65.3	3.47

# University Trials By Location - Results 2018-2021

## UNIVERSITY RESEARCH TRIALS – SOYBEANS

### Iowa State University

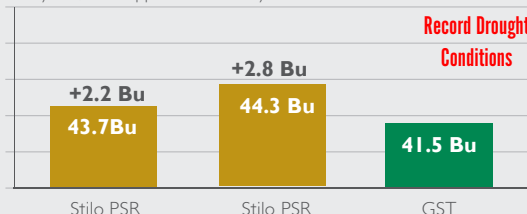
Ames, IA – Story County – 2021



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing plus standard nutrition, 13oz/A Brixen fungicide program for soybeans  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate + 13oz/A Brixen Fungicide  
GST + 5oz/A Stilo PSR tank mixed w/ 13 oz/A Brixen Fungicide

### Purdue University

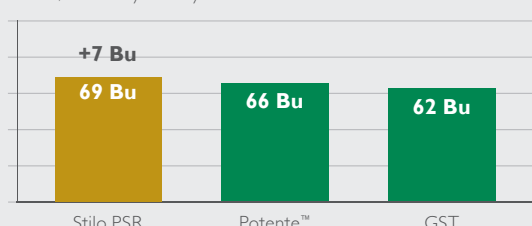
Lafayette, IN – Tippecanoe County – 2021



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing plus standard nutrition, 13oz/A Brixen fungicide program for soybeans  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate + 13oz/A Brixen Fungicide  
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### Iowa State University

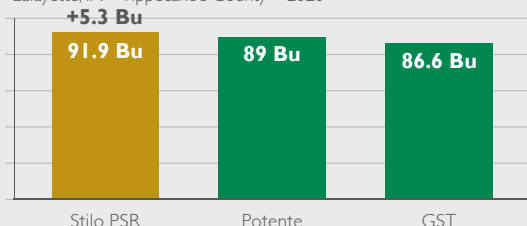
Ames, IA – Story County – 2020



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing plus standard nutrition, fungicide program for soybeans  
GST + 16oz/A Amino Acid only (Potente) tank mixed w/ Glyphosate  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate

### Purdue University

Lafayette, IN – Tippecanoe County – 2020

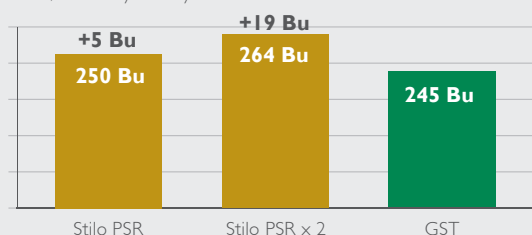


Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing plus standard nutrition, fungicide program for soybeans  
GST + 16oz/A Amino Acid only (Potente) tank mixed w/ Glyphosate  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate

## UNIVERSITY RESEARCH TRIALS – CORN

### Iowa State University

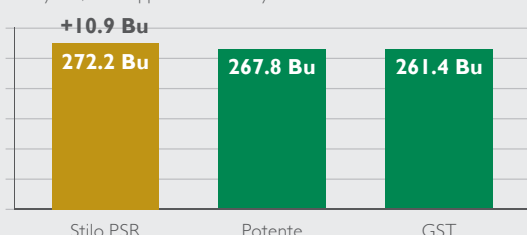
Ames, IA – Story County – 2021



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing plus standard nutrition, fungicide program for corn  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate + 5oz/A Stilo PSR w/ 13oz/A Brixen

### Purdue University

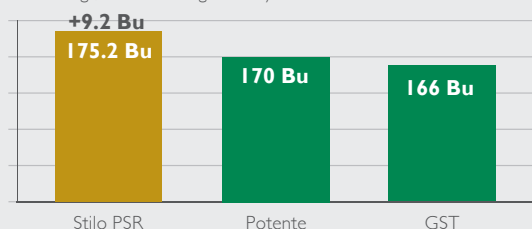
Lafayette, IN – Tippecanoe County – 2020



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST V4–V6 Timing plus standard nutrition, fungicide program for corn  
GST + 16oz/A Amino Acid only (Potente) tank mixed w/ Glyphosate  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate

### South Dakota State University

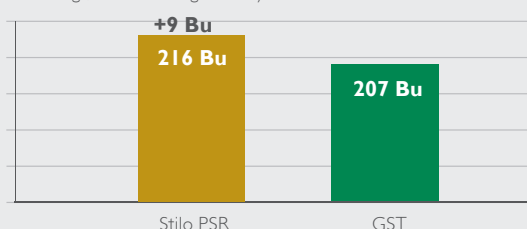
Brookings, SD – Brookings County – 2019



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST VI–V2 Timing  
GST + 16oz/A Potente tank mixed w/ Glyphosate  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate

### South Dakota State University

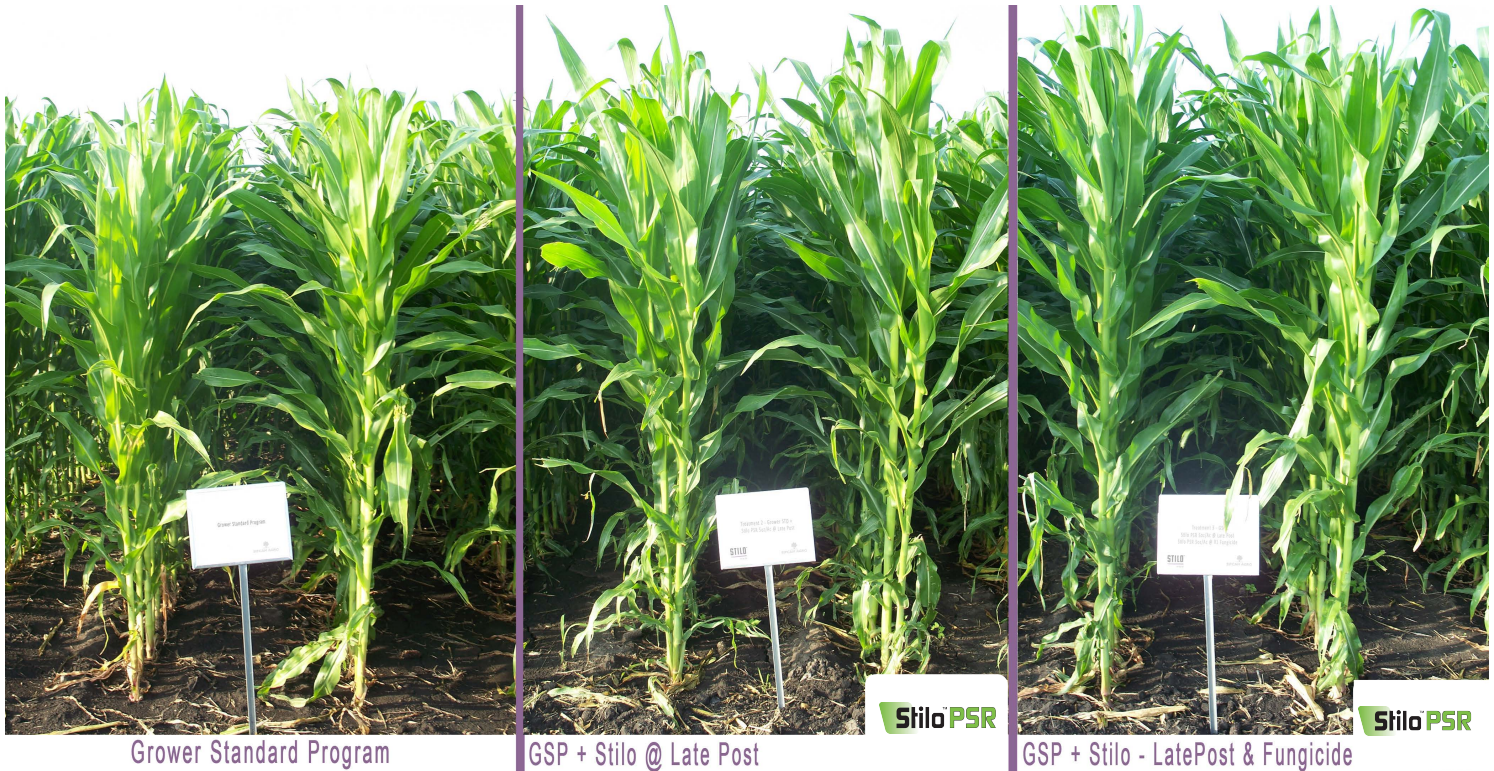
Brookings, SD – Brookings County – 2018



Grower Standard Treatment (GST) – 32oz/A Glyphosate POST V4–V6 Timing  
GST + 5oz/A Stilo PSR tank mixed w/ Glyphosate



# Photos from the field



Stilo PSR treated areas produced consistently higher yields in all replicated field trials. Mitigating crop stress throughout the growing season is the key to keeping the yields your crops create. Stilo PSR has been priced to be economical enough that growers can afford the addition of this agronomic tool with both the POST and FUNGICIDE passes. As witnessed in this grower demonstration trial in Illinois, the stacking effect of multiple Stilo PSR applications resulted in healthier plants at the end of the growing season. One application of Stilo PSR resulted in a 4 bushel/acre increase & 2 applications showed the grower a 8 bushel increase over his grower standard program.



A Indianapolis, IN, grower applied 5oz/acre of Stilo PSR with his fungicide program in 2021. This region was experiencing a record drought season for his growing region. Year end results showed a 5 bushel increase (on left) over the grower standard program side of the field (on right)



# EMBRACE THE SEASON AHEAD

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Successful crops start here. With Sipcam as your partner, you can have confidence that your crop protection decisions will pay off — and help you finish the season strong.

To reach your local Sipcam Agro USA representative, simply call 877-898-9514. And for product information, labels and Safety Data Sheets (SDS) for the products in this catalog, visit [sipcamagro.com](https://sipcamagro.com).

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