

HARVEST TRIAL DATA

2025



YieldMaster
SOLUTIONS^{LLC}

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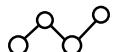
YieldMaster Solutions is a LEADING PROVIDER OF INNOVATIVE CROP ENHANCEMENT SOLUTIONS.

Specialized in delivering high-quality products that enhance crop health and improve yield potential; we offer a robust product portfolio for multiple crop types to meet specific operation and application needs. Focusing on research, we bring proven, cutting-edge technologies to the agricultural industry in order to address the challenges faced by farmers.



Integrity

Serving as trusted advisors, guiding with honesty and expertise towards success.



Proven Solutions

Delivering transformative outcomes through data-driven product offerings that harness greater ROI potential and overall plant health.



Innovative

Relentless commitment to innovation, driving toward continually pushing boundaries and pioneering new possibilities.



ROI Commitment

Resolutely dedicated to maximizing ROI by delivering tailored solutions that generate measurable and sustainable value.



UNBIASED INDEPENDENCE DEVOTED TO INTEGRITY

With the foundation of improving overall plant health and ROI, YMS takes a rare approach to promoting crop enhancements. Our discovery process hones in on two key factors:

- 1. Does it work?**
- 2. Does it enhance the grower's ROI?**

As a fiercely independent organization, we choose to identify and ground truth rather than manufacture.

All environmentally sound products that have shown the ability to improve plant health or function must earn their way into our elite portfolio through our Proof of Concept Trials.

YMS is equally selective about the technology partners we choose to align with. Partners must align with the YMS model for innovation and performance.

PROOF OF CONCEPT TRIAL LOCATIONS

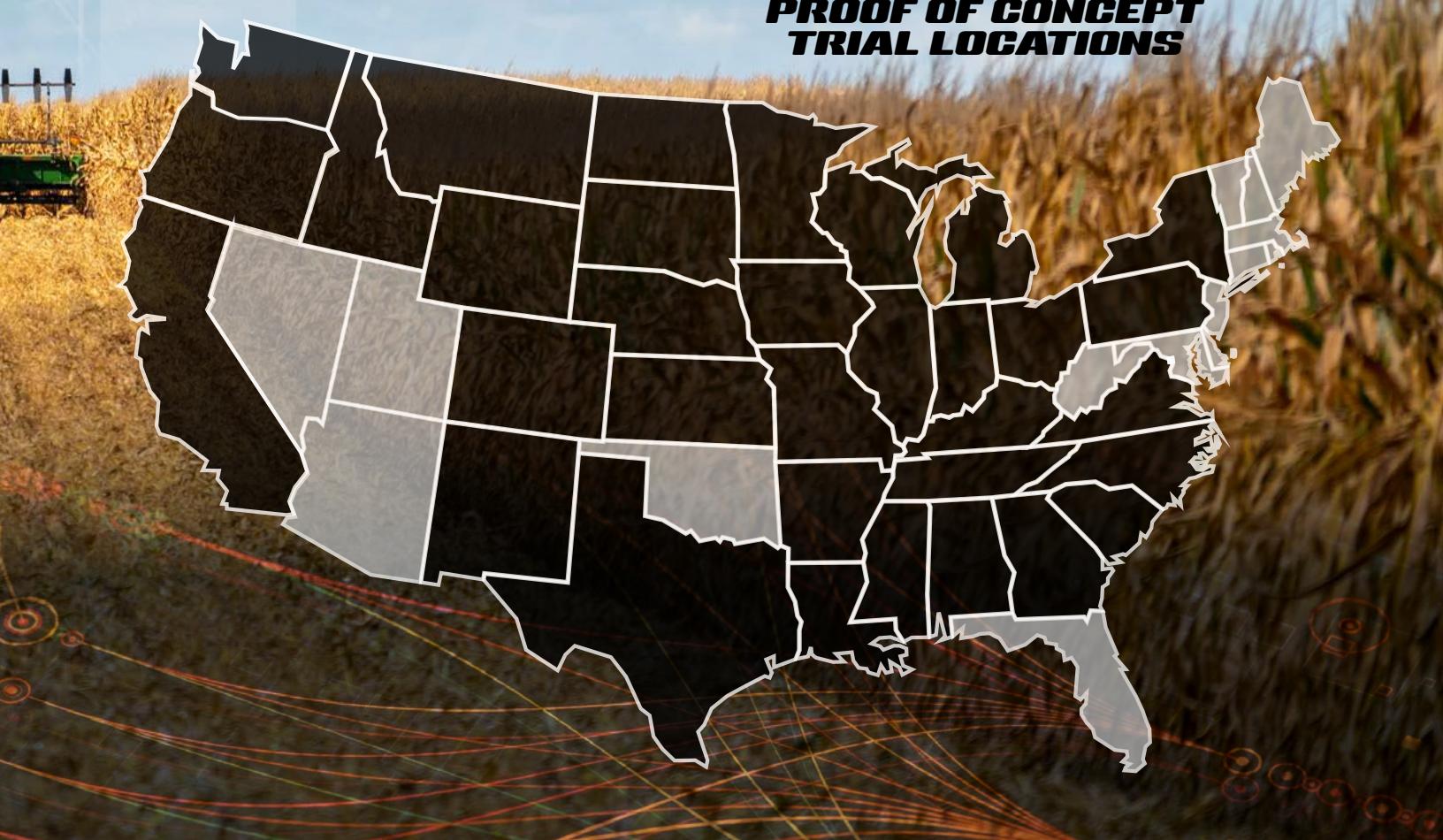


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HYDRO



N-fixing bacteria that works from within the plant, applied in-furrow OR foliar, and across crops to supplement nitrogen where and when it's needed.

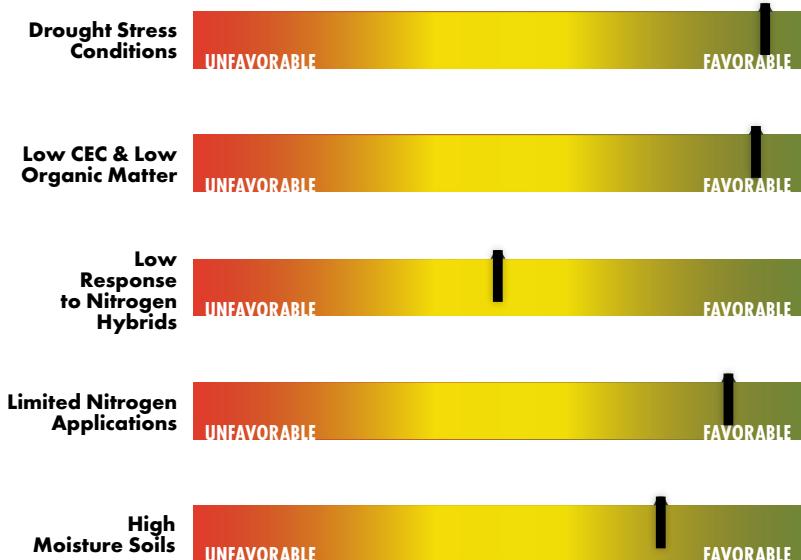
IMPACT ON THE PLANT

- Envita enters the plant through the root zone (*in-furrow application*) or leaf stomata (*foliar application*)
- Bacteria works its way into the plant cell and colonies within the actual cell
- The bacteria creates small vesicles or "air pockets" within the plant cell that have the ability of capturing nitrogen from the atmosphere
- Envita repopulates within the cell



**Scan the QR Code
for more details.**

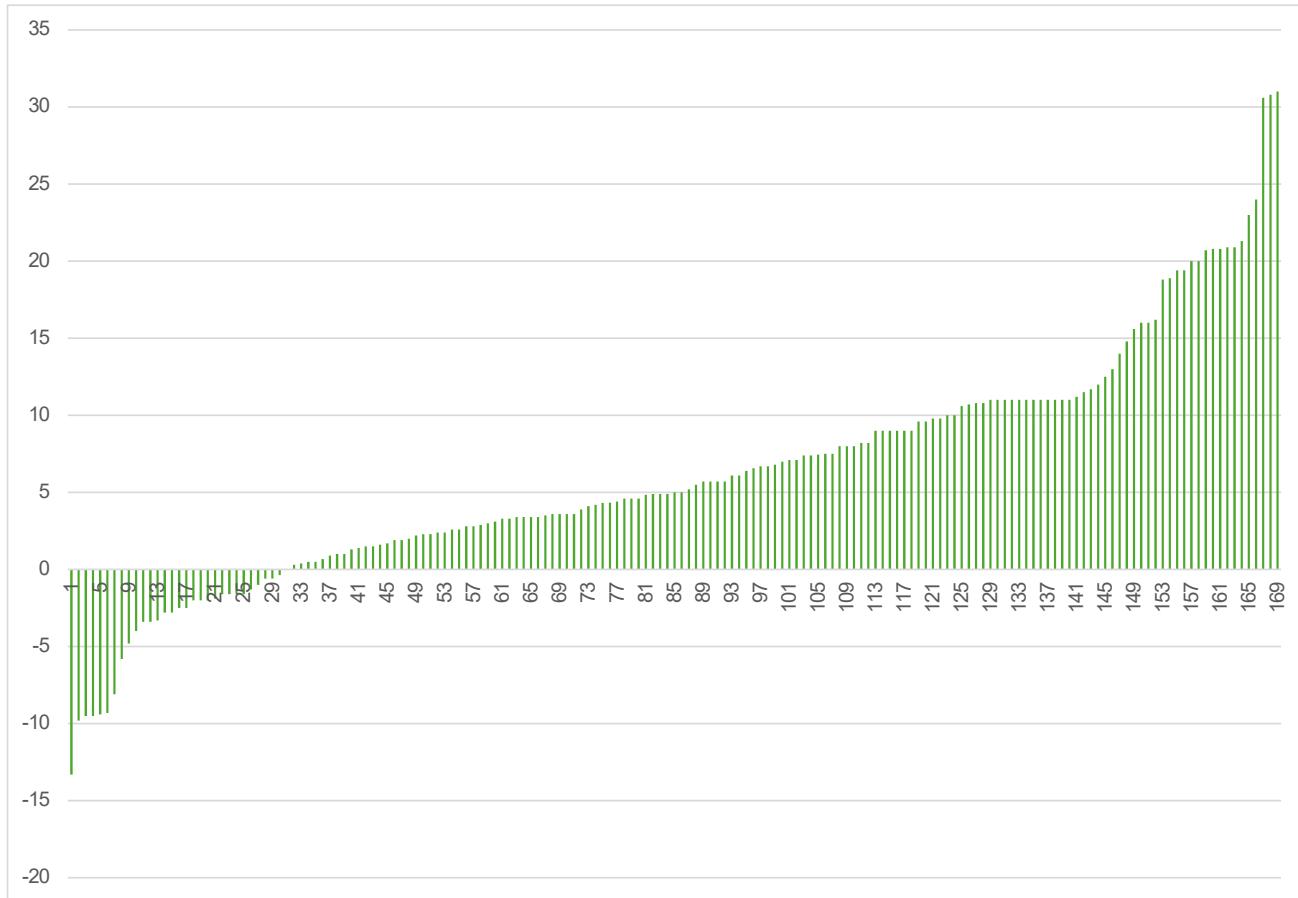
ACRE MATCHMAKER





CORN
MULTI-YEAR DATA RESULTS

Bu/Acre Difference



169

DATA POINTS

82%

POSITIVE
RESPONSE



13

STATES



48

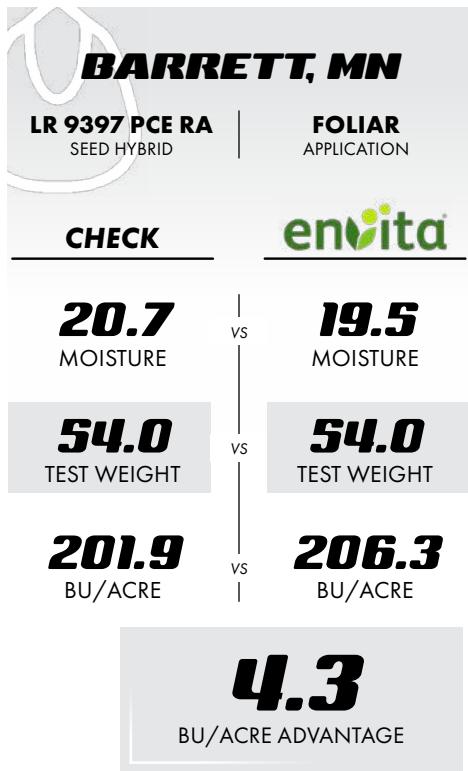
LOCATIONS

8.4
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

ENVITA CORN GROWER TRIALS



I am extremely pleased with the performance of Envita on my farm.

*- Art Tanderup
Neligh, NE*

Fortress

Fortress is a liquid biostimulant built on vinasse, amino acids, and key micronutrients. It is designed to reduce flower abortion, improve uniformity, and help crops push through stress during critical growth stages. With bioactive compounds that activate plant metabolism, Fortress sets the foundation for strong yields.

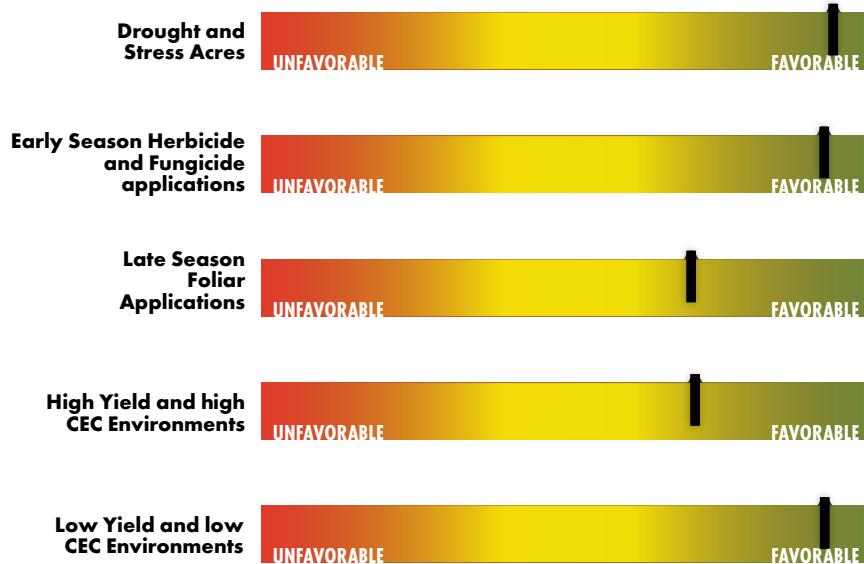
IMPACT ON THE PLANT

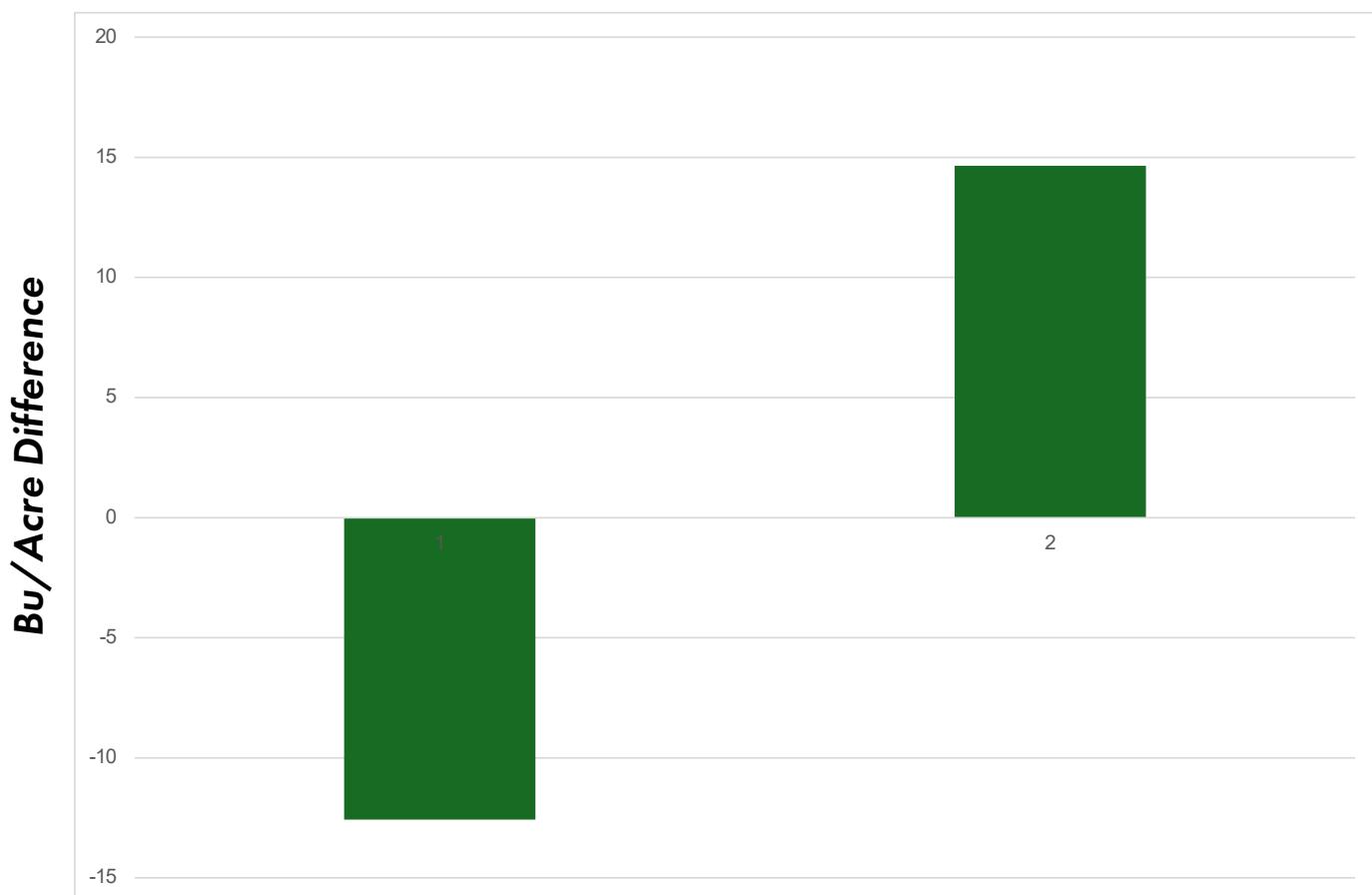
- Promotes consistent flowering and pod/seed set
- Supports efficient nutrient uptake and crop metabolism
- Maintains yield potential under stress conditions



Scan the QR Code
for more details.

ACRE MATCHMAKER






2
DATA POINTS


50%
POSITIVE RESPONSE


1
STATE

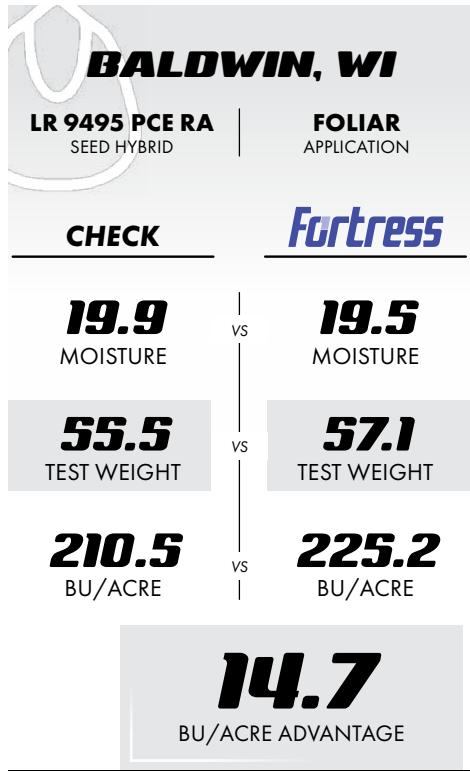

2
LOCATIONS

14.7
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

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FORTRESS CORN GROWER TRIALS



A great company to work with and good service!

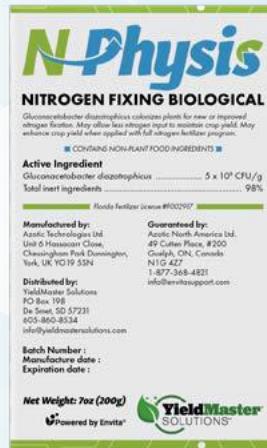
*- Clinton Wipf
Huron, SD*

N-Physis

N-Physis is a wettable-granular, nitrogen fixing bacteria, that allows a sustainable source of nitrogen to be available to the plant from application through harvest. By penetrating the cell wall, N-Physis can colonize within the plant cell while capturing nitrogen from the air around it and delivering it to the crop where and when it is needed. N-Physis works to provide additional nitrogen needed by the plant to meet your desired yields.

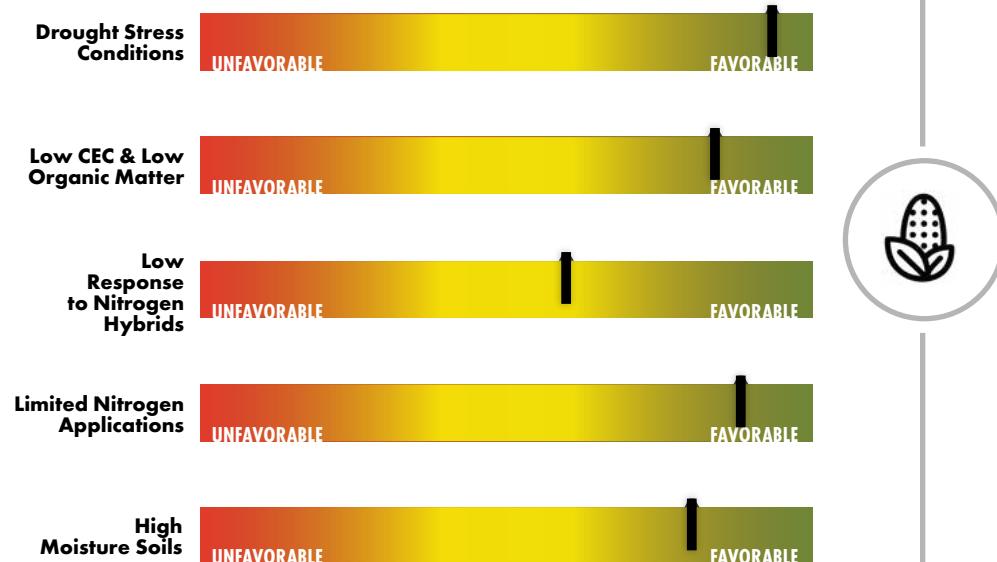
IMPACT ON THE PLANT

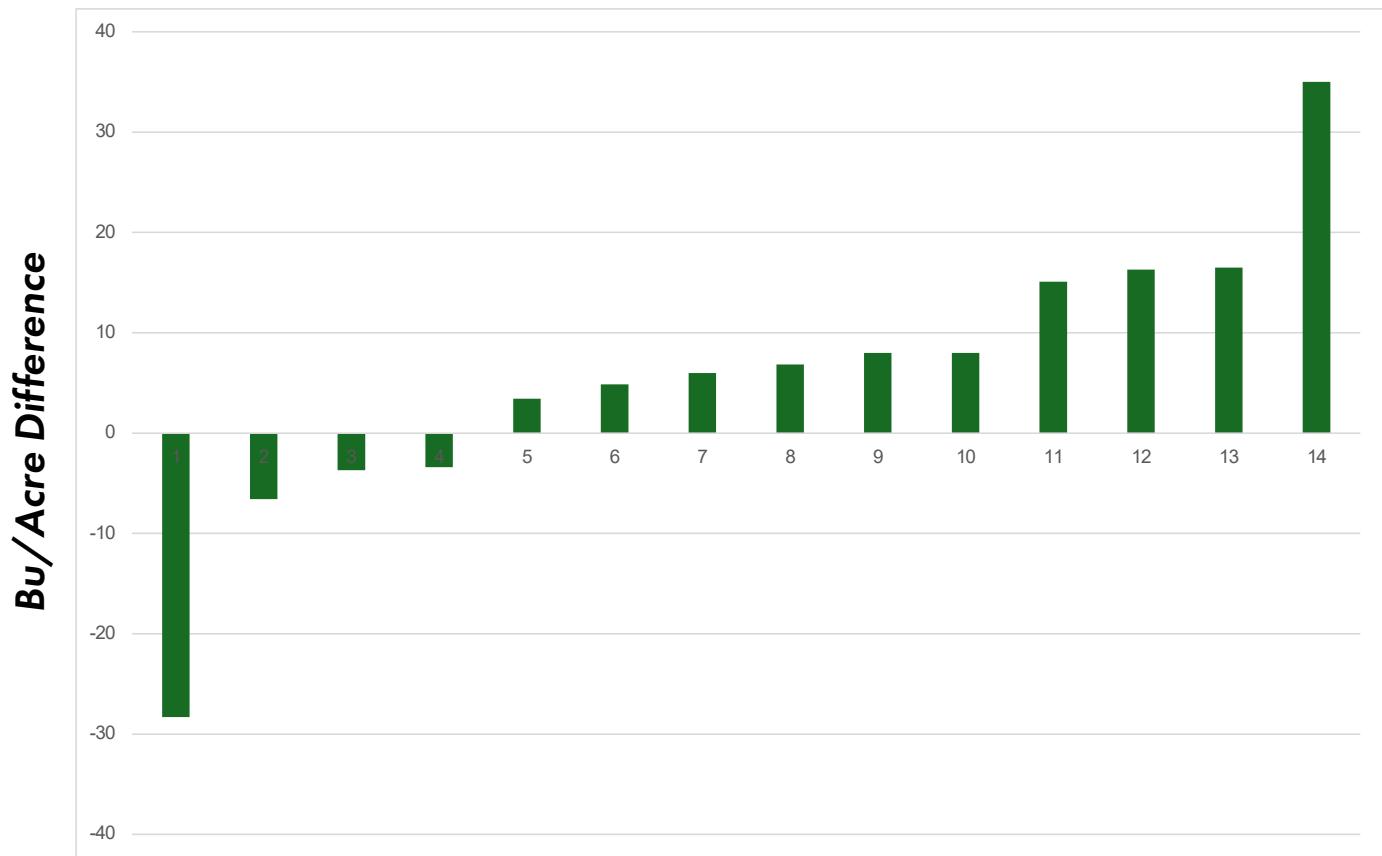
- Creates an additional pathway for supplemental nitrogen to enter the plant. Resulting in more opportunities for the plant to access nitrogen bridging the gap between nitrogen demand and available nitrogen.
- All-Season long nitrogen helps overcome poor grain fill and reduced yields.
- Creates overall healthier plants subsequently leading to improved disease resistance.
- Assists in abiotic stress mitigation during adverse environmental conditions such as drought or excessive moisture.



Scan the QR Code
for more details.

ACRE MATCHMAKER

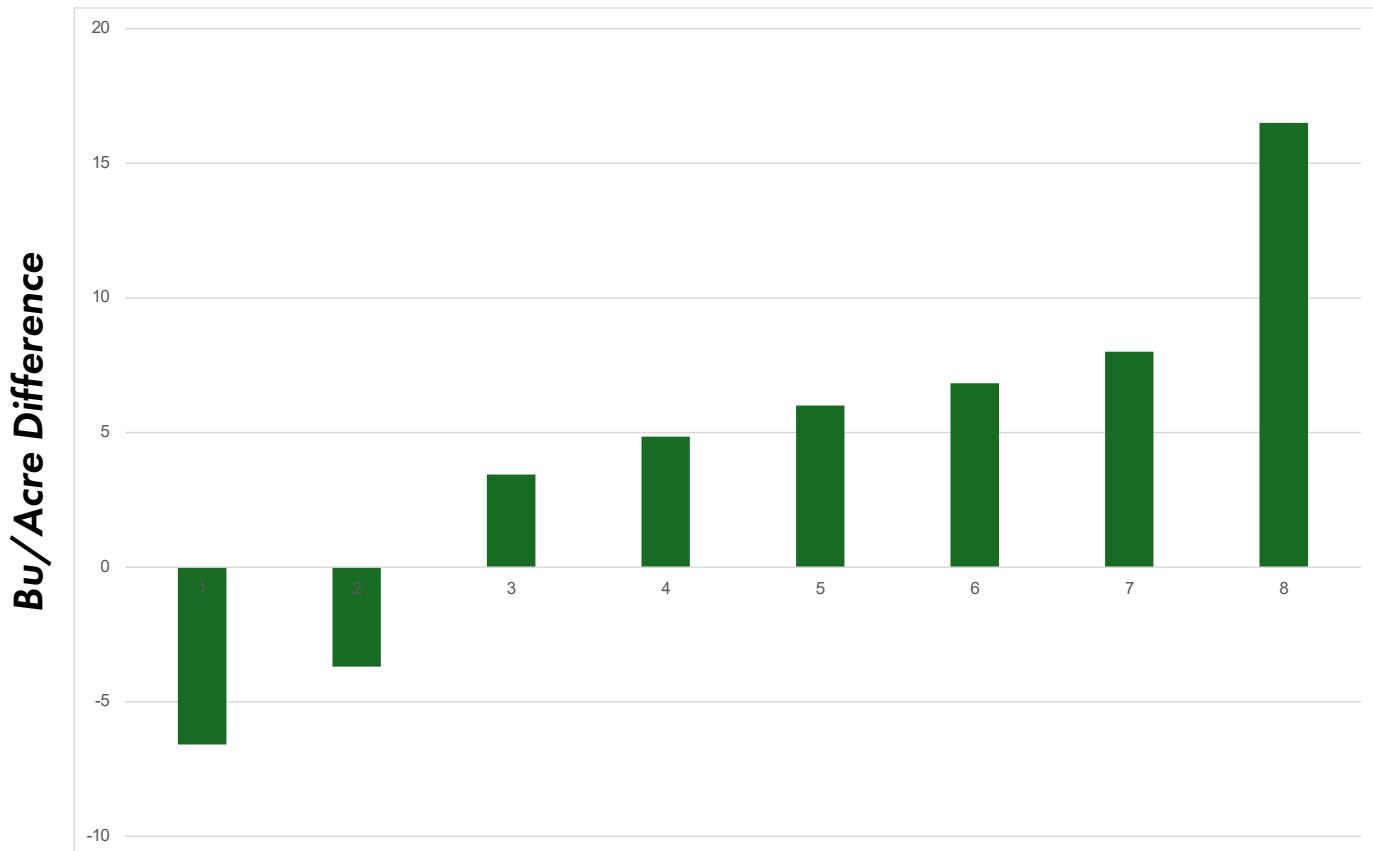




DATA POINTS

POSITIVE
RESPONSE**3**
STATES**8**
LOCATIONS**12.0**
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE


8
DATA POINTS
75%
POSITIVE RESPONSE
3
STATES
7
LOCATIONS

7.6
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

N-PHYSIS CORN GROWER TRIALS

 BALDWIN, WI	
LR 9495 PCE RA SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
19.9 MOISTURE	19.4 MOISTURE
55.5 TEST WEIGHT	56.3 TEST WEIGHT
210.5 BU/ACRE	227.0 BU/ACRE
16.5 BU/ACRE ADVANTAGE	

 MILFORD, DE	
N/A SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
21.5 MOISTURE	21.5 MOISTURE
56.0 TEST WEIGHT	56.0 TEST WEIGHT
254.0 BU/ACRE	260.0 BU/ACRE
6.0 BU/ACRE ADVANTAGE	

 ROCHESTER, MN	
LR 9495 PCE RA SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
15.8 MOISTURE	15.9 MOISTURE
56.0 TEST WEIGHT	56.5 TEST WEIGHT
176.5 BU/ACRE	179.9 BU/ACRE
3.4 BU/ACRE ADVANTAGE	

 ROCHESTER, MN	
LR 9503 D EZ SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
18.4 MOISTURE	18.7 MOISTURE
57.1 TEST WEIGHT	57.2 TEST WEIGHT
197.8 BU/ACRE	202.6 BU/ACRE
4.8 BU/ACRE ADVANTAGE	

 FAIRFAX, MN	
LR 9503 D EZ SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
19.2 MOISTURE	19.7 MOISTURE
57.6 TEST WEIGHT	57.5 TEST WEIGHT
190.9 BU/ACRE	197.8 BU/ACRE
6.8 BU/ACRE ADVANTAGE	

 PULASKI, WI	
LR 9197 V EZ SEED HYBRID	FOLIAR APPLICATION
CHECK	NPhysis
19.9 MOISTURE	19.6 MOISTURE
54 TEST WEIGHT	54.5 TEST WEIGHT
201.2 BU/ACRE	209.2 BU/ACRE
8.0 BU/ACRE ADVANTAGE	



Nutriquire is a microbial-based product that increases the active biomass in the soil. Nutriquire introduces microbes into the soil resulting in improved plant vigor and nutrient cycling. Many of the bacteria found in Nutriquire are spore forming bacteria allowing for flexible mixing and application options.

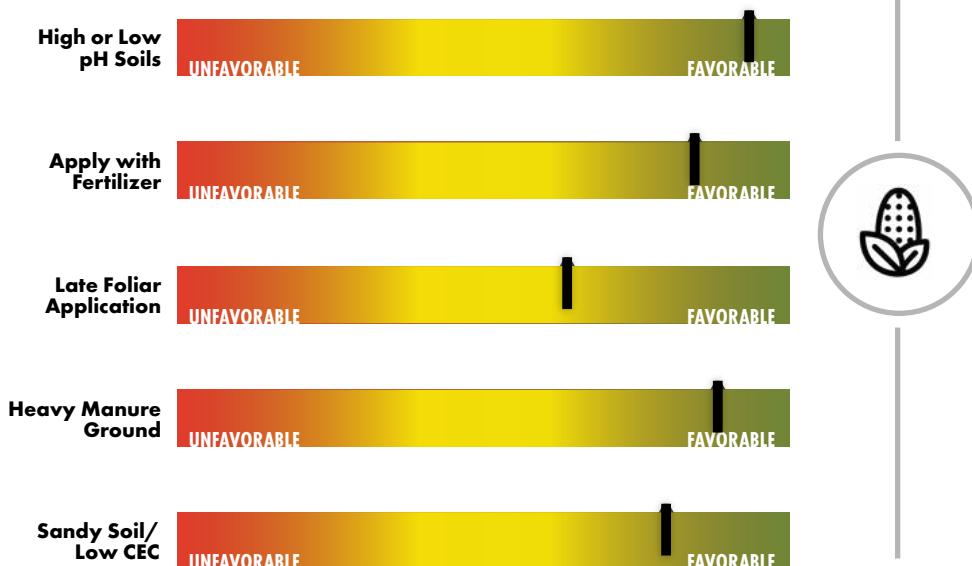
IMPACT ON THE PLANT

- **Easy To Apply**
A wide range of application methods
- **Improved Nutrient Uptake**
Overall plant nutrient efficiency, availability, and uptake
- **Nitrogen Availability**
Converts soil N to plant available forms quicker
- **Increase in P & K Availability**
Improves phosphorous and potassium availability
- **Versatility**
Longer shelf life and versatility of application



Scan the QR Code
for more details.

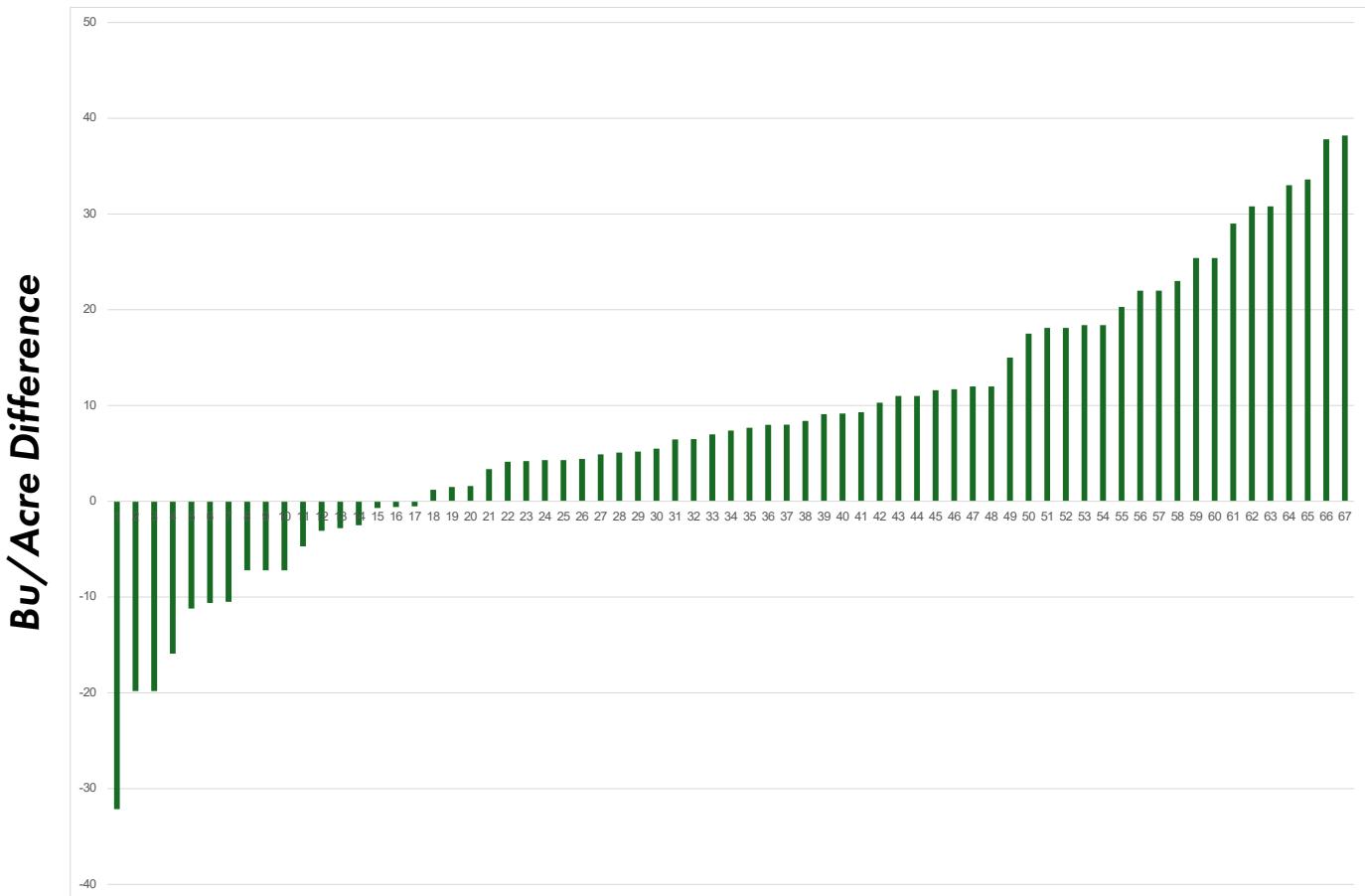
ACRE MATCHMAKER





CORN

MULTI-YEAR DATA RESULTS




67
DATA POINTS


75%
POSITIVE RESPONSE


7
STATES

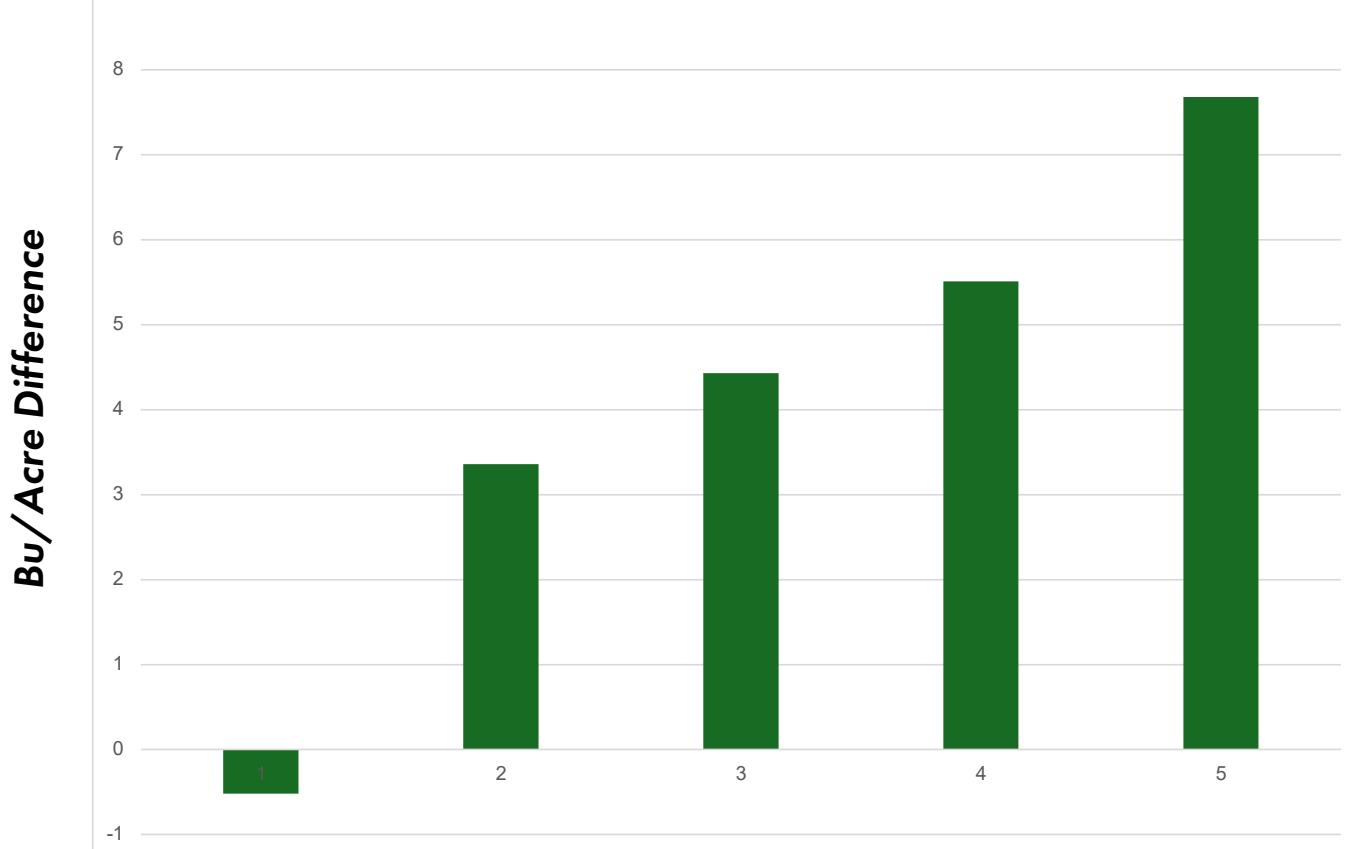

23
LOCATIONS

13.8
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE



CORN
2025 DATA RESULTS



5
DATA POINTS

80%
POSITIVE RESPONSE

3
STATES

4
LOCATIONS

5.2
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

NUTRIQUIRE CORN GROWER TRIALS

FAIRFAX, MN	
LR 9503 D EZ SEED HYBRID	FOLIAR APPLICATION
CHECK	Nutriquire
19.2 MOISTURE	19.2 MOISTURE
57.6 TEST WEIGHT	57.1 TEST WEIGHT
190.9 BU/ACRE	196.4 BU/ACRE
5.5 BU/ACRE ADVANTAGE	

BALDWIN, WI	
LR 9495 PCE RA SEED HYBRID	FOLIAR APPLICATION
CHECK	Nutriquire
19.9 MOISTURE	20.2 MOISTURE
55.5 TEST WEIGHT	56.6 TEST WEIGHT
210.5 BU/ACRE	213.9 BU/ACRE
3.4 BU/ACRE ADVANTAGE	

NEW ENGLAND, ND	
PB5302 RR SEED HYBRID	IN FURROW APPLICATION
CHECK	Nutriquire
14 MOISTURE	13.9 MOISTURE
50.2 TEST WEIGHT	50.2 TEST WEIGHT
74.35 BU/ACRE	78.78 BU/ACRE
4.4 BU/ACRE ADVANTAGE	

NEW ENGLAND, ND	
PB5302 RR SEED HYBRID	N/A APPLICATION
CHECK	Nutriquire
13.8 MOISTURE	14.1 MOISTURE
48.4 TEST WEIGHT	50.4 TEST WEIGHT
58.02 BU/ACRE	65.7 BU/ACRE
7.7 BU/ACRE ADVANTAGE	

I planted 30J5595 and applied Nutriquire on half of the field and throughout the growing season the results have been unbelievable.

- Matt Rapley
Lynn, MI



Nutriquire + Terrasym is a synergistic combination of spore forming microbials and siderophores applied in the planter box providing ease of use, improved plant nutrient uptake and ROI.

IMPACT ON THE PLANT

- **Improved Ear Fill**

Microbes help improve nutrient uptake throughout the entire season leading to improved ear fill.

- **Improved Soil Nutrient Uptake**

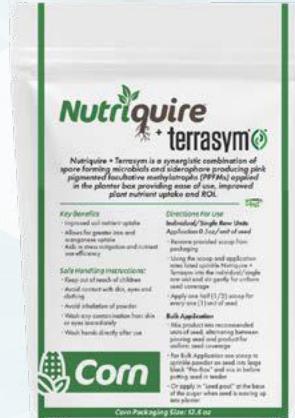
Microbes within Nutriquire + Terrasym release enzymes that attach to micronutrients and deliver to the plant.

- **Crop Stress Mitigation**

Utilizes nutrients and water more efficiently allowing the plant to continue to operate despite difficult growing conditions.

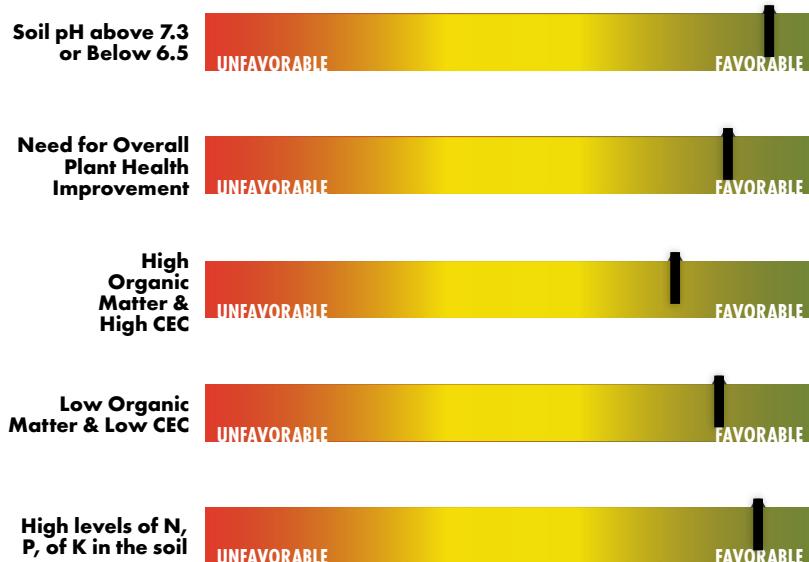
- **Seed Flowability**

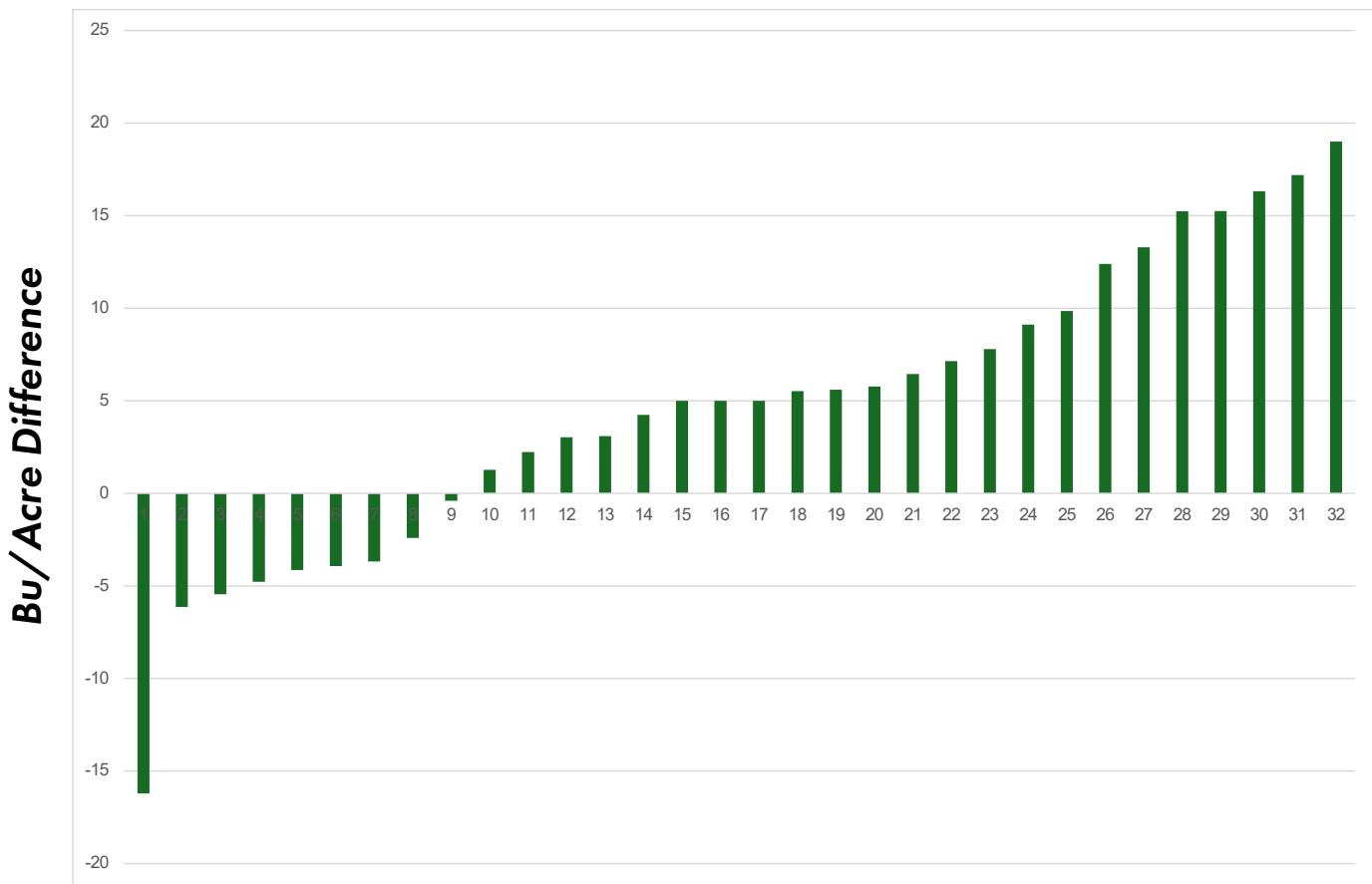
Provides a cleaner, safer lubrication and improved singulation compared to talc/graphite.

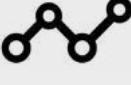


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ACRE MATCHMAKER






32
DATA POINTS

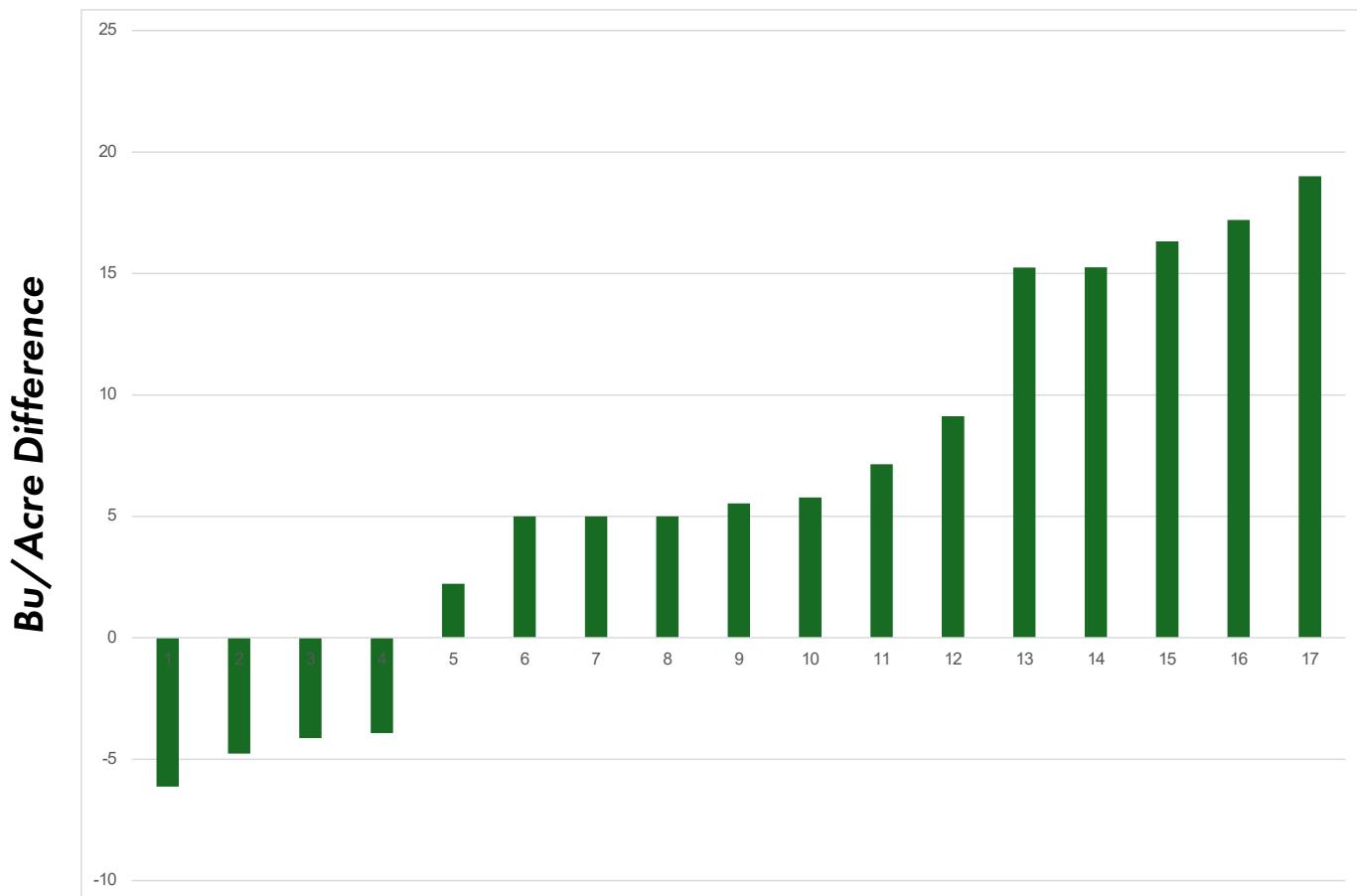

72%
POSITIVE
RESPONSE


6
STATES


24
LOCATIONS

8.5
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE



17
DATA POINTS



76%
POSITIVE
RESPONSE



5
STATES



14
LOCATIONS

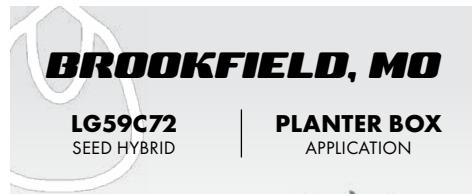
9.8

BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

NUTRIQUIRE+TERRASYM CORN GROWER TRIALS



LG59C72
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

14.5
MOISTURE

14.5
MOISTURE

VS

56.0
TEST WEIGHT

56.0
TEST WEIGHT

VS

188.6
BU/ACRE

205.8
BU/ACRE

VS

17.2

BU/ACRE ADVANTAGE



9H505AML
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

13.6
MOISTURE

13.6
MOISTURE

VS

50.0
TEST WEIGHT

50.0
TEST WEIGHT

VS

186.0
BU/ACRE

191.0
BU/ACRE

VS

5.0

BU/ACRE ADVANTAGE



LR 9397 PCE RA
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

20.7
MOISTURE

20.3
MOISTURE

VS

54.0
TEST WEIGHT

54.0
TEST WEIGHT

VS

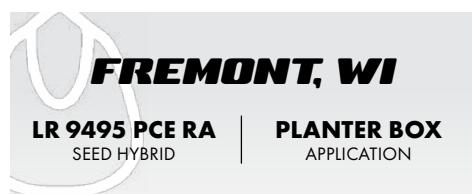
201.9
BU/ACRE

209.1
BU/ACRE

VS

7.2

BU/ACRE ADVANTAGE



LR 9495 PCE RA
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

20.2
MOISTURE

21.1
MOISTURE

VS

54.6
TEST WEIGHT

55.4
TEST WEIGHT

VS

179.5
BU/ACRE

194.7
BU/ACRE

VS

15.2

BU/ACRE ADVANTAGE



LR 9503 D EZ
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

19.2
MOISTURE

19.0
MOISTURE

VS

57.6
TEST WEIGHT

N/A
TEST WEIGHT

VS

190.9
BU/ACRE

200.1
BU/ACRE

VS

9.1

BU/ACRE ADVANTAGE



9H505AML
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

13.6
MOISTURE

13.6
MOISTURE

VS

50.0
TEST WEIGHT

50.0
TEST WEIGHT

VS

186.0
BU/ACRE

191.0
BU/ACRE

VS

5.0

BU/ACRE ADVANTAGE

2025 YIELDMASTER SOLUTIONS

NUTRIQUIRE+TERRASYM CORN GROWER TRIALS

		ALLENTON, WI	
LR 9495 PCE RA SEED HYBRID	PLANTER BOX APPLICATION	LR 9495 PCE RA SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
17.2 MOISTURE	vs	17.1 MOISTURE	
55.1 TEST WEIGHT	vs	55.1 TEST WEIGHT	
194.61 BU/ACRE	vs	209.86 BU/ACRE	
15.3 BU/ACRE ADVANTAGE		2.2 BU/ACRE ADVANTAGE	

		BALDWIN, WI	
LR 9495 PCE RA SEED HYBRID	PLANTER BOX APPLICATION	LR 9495 PCE RA SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
19.9 MOISTURE	vs	20.3 MOISTURE	
55.5 TEST WEIGHT	vs	56.7 TEST WEIGHT	
210.5 BU/ACRE	vs	212.7 BU/ACRE	
2.2 BU/ACRE ADVANTAGE			

		BERTHA, MN	
LR 9191 GTA SEED HYBRID	PLANTER BOX APPLICATION	LR 9191 GTA SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
19.2 MOISTURE	vs	19.2 MOISTURE	
56 TEST WEIGHT	vs	56 TEST WEIGHT	
162.09 BU/ACRE	vs	167.62 BU/ACRE	
5.5 BU/ACRE ADVANTAGE			

		BERTHA, MN	
LR 9489 AA EZ SEED HYBRID	PLANTER BOX APPLICATION	LR 9489 AA EZ SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
18.6 MOISTURE	vs	18.4 MOISTURE	
55 TEST WEIGHT	vs	55.5 TEST WEIGHT	
148.84 BU/ACRE	vs	154.62 BU/ACRE	
5.8 BU/ACRE ADVANTAGE		16.3 BU/ACRE ADVANTAGE	

		BERTHA, MN	
PB40J287 RR SEED HYBRID	PLANTER BOX APPLICATION	PB40J287 RR SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
18.4 MOISTURE	vs	18.6 MOISTURE	
56.5 TEST WEIGHT	vs	57.5 TEST WEIGHT	
159.51 BU/ACRE	vs	175.83 BU/ACRE	
16.3 BU/ACRE ADVANTAGE			

		STANTON, ND	
PB9580 VT2P RIB SEED HYBRID	PLANTER BOX APPLICATION	PB9580 VT2P RIB SEED HYBRID	PLANTER BOX APPLICATION
CHECK			
16.2 MOISTURE	vs	17.7 MOISTURE	
57.1 TEST WEIGHT	vs	56.2 TEST WEIGHT	
145.71 BU/ACRE	vs	152.14 BU/ACRE	
6.4 BU/ACRE ADVANTAGE			

2025 YIELDMASTER SOLUTIONS

NUTRIQUIRE+TERRASYM CORN GROWER TRIALS



PB9686 VT2P RIB
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

Nutriquire
+terrasym®

17.3
MOISTURE

VS

17.6
MOISTURE

57.2
TEST WEIGHT

VS

56
TEST WEIGHT

164.98
BU/ACRE

VS

171.93
BU/ACRE

7.0

BU/ACRE ADVANTAGE



RHIZOSTACK

RhizoStack for corn is designed to improve nutrient uptake leading to enhanced tolerance of abiotic stress, early season root development & higher yields. The added seed lubrication & seed flow properties allow for ease of use during planting.

IMPACT ON THE PLANT

- **Improved Ear Fill**

Microbes help improve nutrient uptake throughout the entire season leading to improved ear fill.

- **Improved Soil Nutrient Uptake**

Microbes within RhizoStack release siderophores that attach to micronutrients and deliver to the plant.

- **IPC Mitigation**

Minimizes the impact of iron deficiency in the plant by allowing for greater iron uptake.

- Iron Uptake

Bacteria within RhizoStack produce siderophores which bind iron and concentrate it in the root zone.

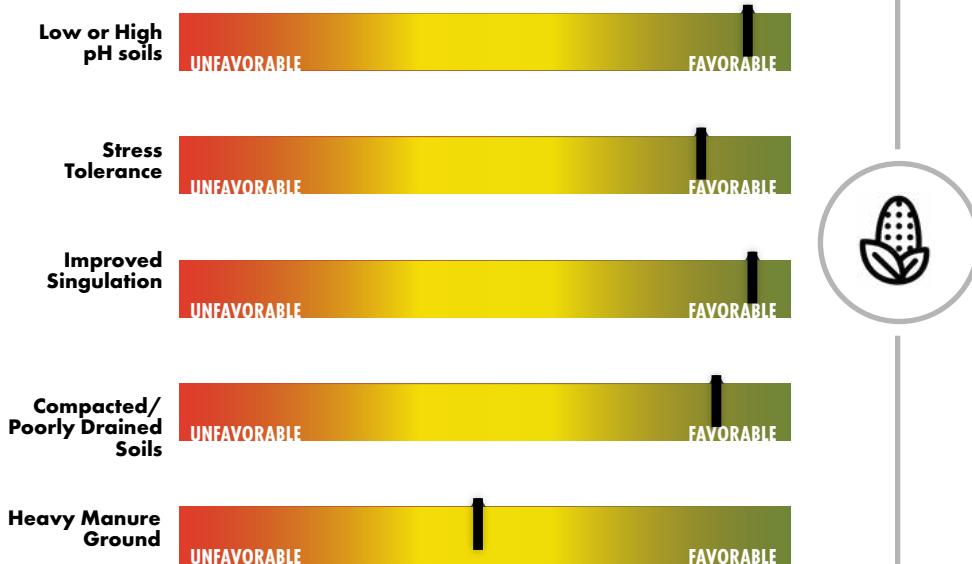
- *Root Development*

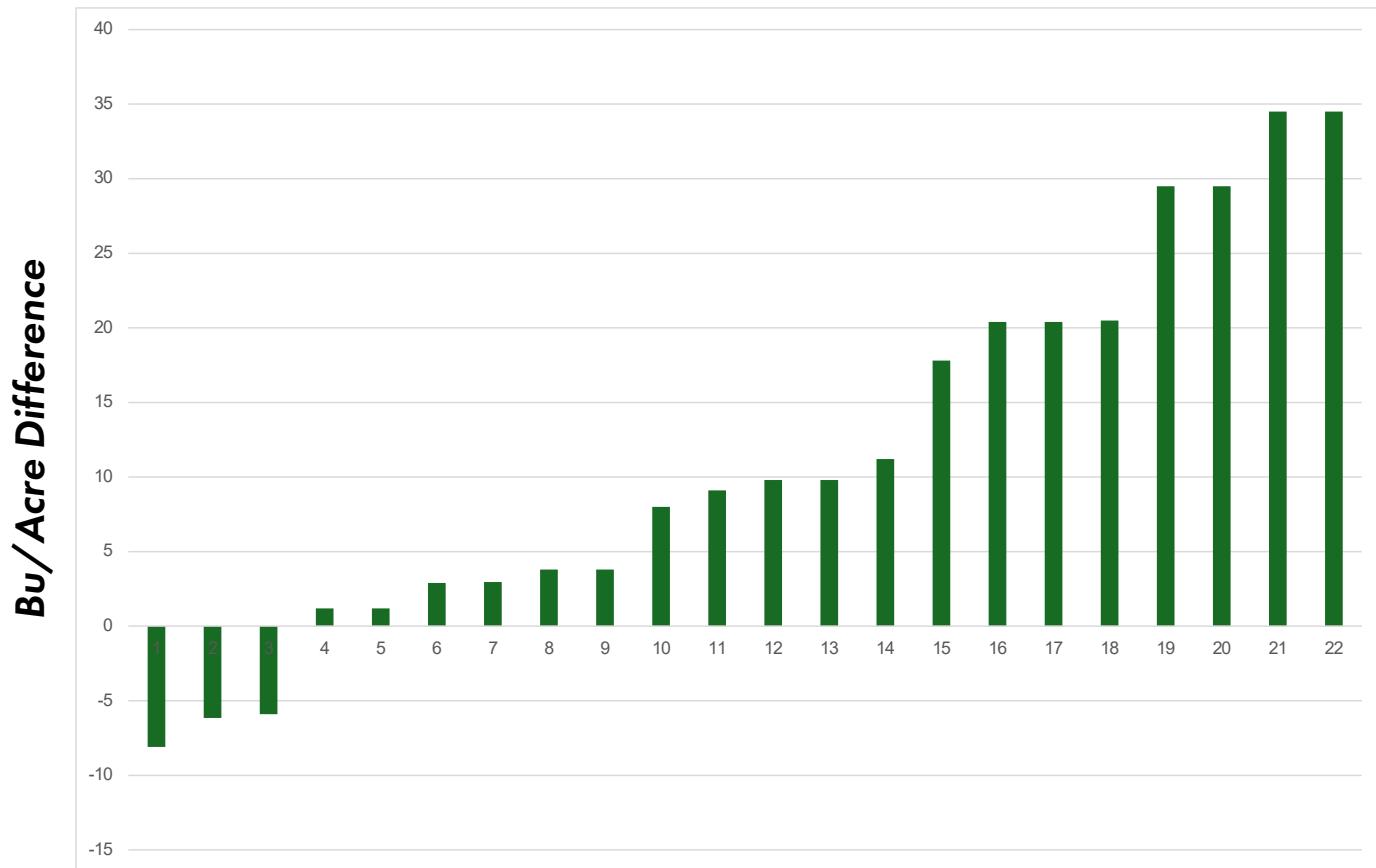
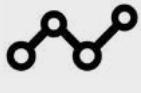
Improved nutrient and micronutrient uptake allows for enhanced root development



**Scan the QR Code
for more details.**

ACRE MATCHMAKER





22

DATA POINTS


79%

 POSITIVE
RESPONSE

3

STATES


11

LOCATIONS

14.3
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE



RHIZOSTACK + TS 601

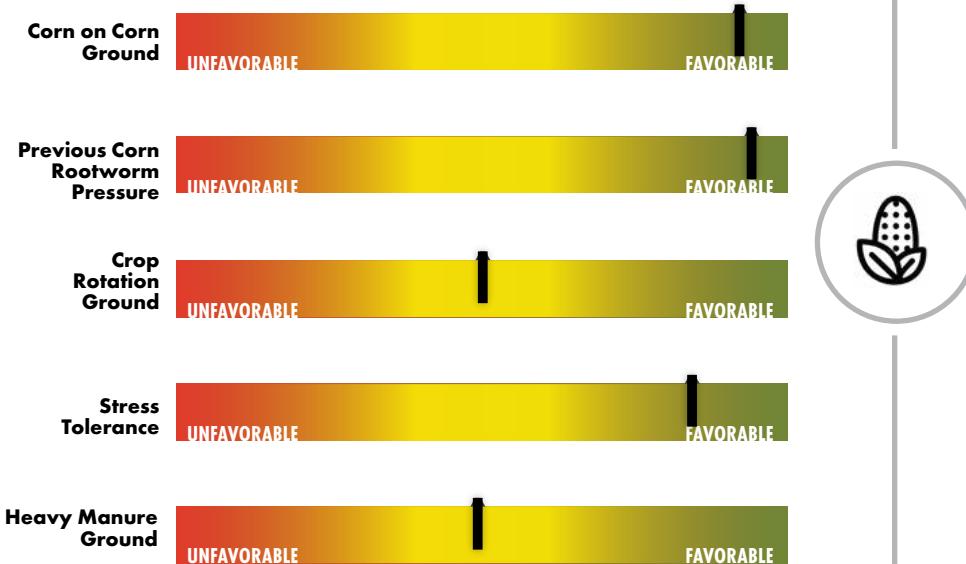
RhizoStack + TS601 provides all the benefits of RhizoStack, with the addition of TS601, an EPA-registered solution designed to strengthen your disease management program from day one. When applied at planting, it delivers season-long protection against key soilborne and foliar fungal pathogens, helping safeguard early vigor and crop performance.

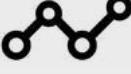
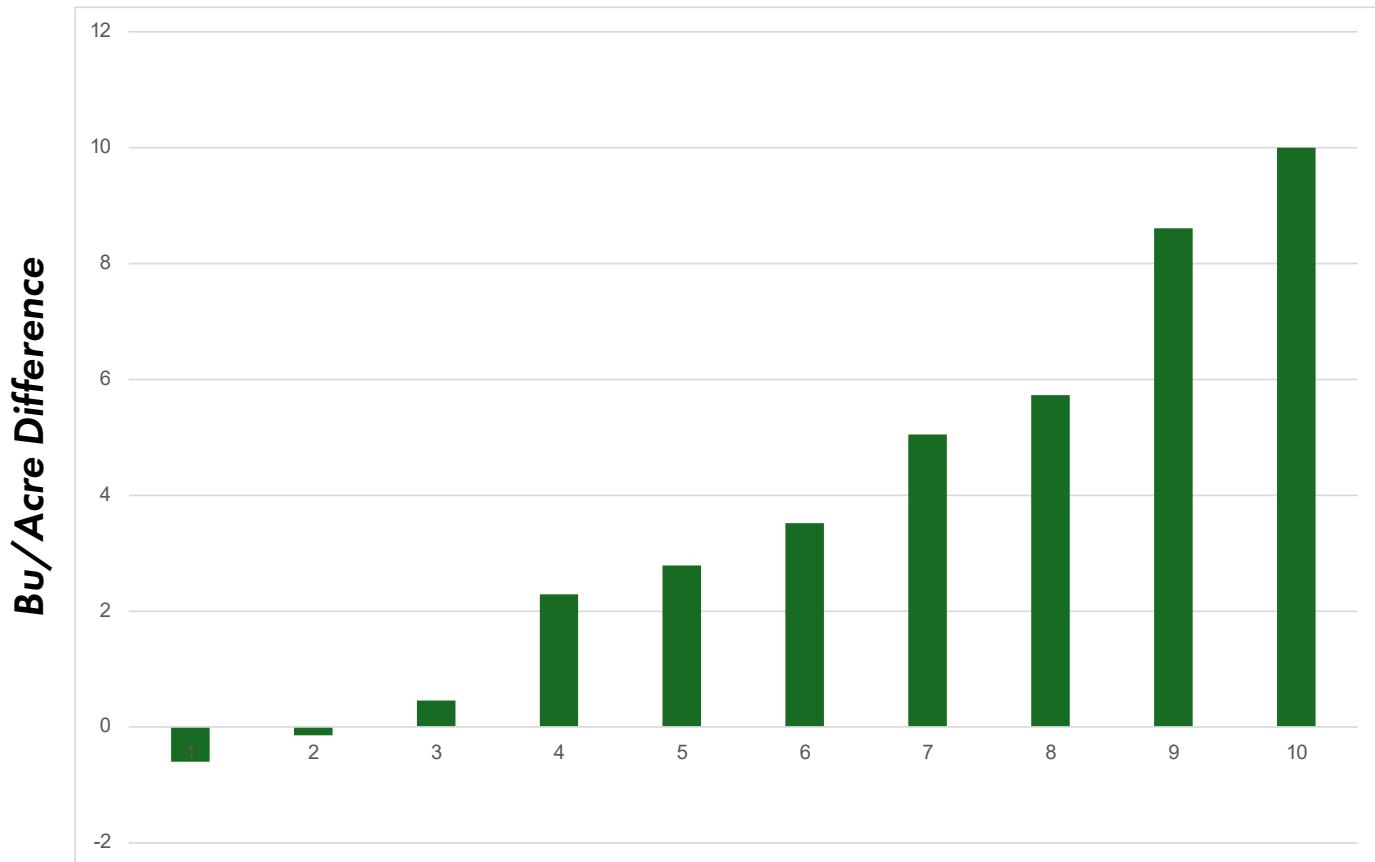
IMPACT ON THE PLANT

- Significant reduction in disease severity and progression on key pathogens
- Statistically significant increased yield on par with the standard chemical control under heavy Pythium pressure
- Reduced incidence and onset of disease
- Equivalent performance to chemical control



ACRE MATCHMAKER

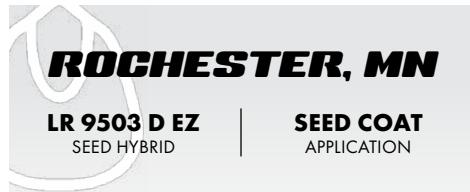



10
DATA POINTS
80%
POSITIVE RESPONSE
3
STATES
9
LOCATIONS**4.8**
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

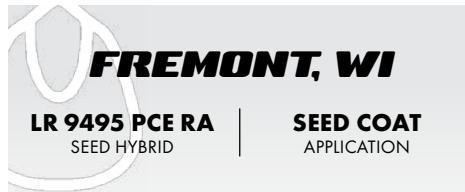
RHIZOSTACK + TS 601 CORN GROWER TRIALS



CHECK	RHIZOSTACK +TS601
18.4 MOISTURE	18.8 MOISTURE
57.1 TEST WEIGHT	58.0 TEST WEIGHT
197.8 BU/ACRE	202.8 BU/ACRE

5.1

BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
20.2 MOISTURE	20.6 MOISTURE
54.6 TEST WEIGHT	54.4 TEST WEIGHT
179.5 BU/ACRE	181.8 BU/ACRE

2.3

BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
19.2 MOISTURE	19.2 MOISTURE
57.6 TEST WEIGHT	56.2 TEST WEIGHT
190.9 BU/ACRE	194.5 BU/ACRE

3.5

BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
18.1 MOISTURE	18.7 MOISTURE
56.0 TEST WEIGHT	56.3 TEST WEIGHT
195.3 BU/ACRE	203.9 BU/ACRE

8.6

BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
15.8 MOISTURE	15.6 MOISTURE
59.7 TEST WEIGHT	59.5 TEST WEIGHT
251.3 BU/ACRE	251.7 BU/ACRE

0.5

BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
19 MOISTURE	18.9 MOISTURE
57.4 TEST WEIGHT	57 TEST WEIGHT
215 BU/ACRE	225 BU/ACRE

10.0

BU/ACRE ADVANTAGE

2025 YIELDMASTER SOLUTIONS

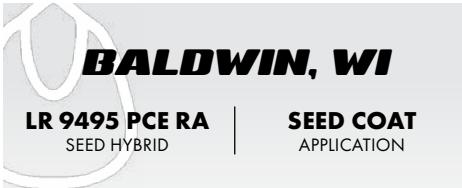
RHIZOSTACK + TS 601

CORN GROWER TRIALS



CHECK	RHIZOSTACK +TS601
20.1 MOISTURE	20.2 MOISTURE
56.7 TEST WEIGHT	56.8 TEST WEIGHT
184.9 BU/ACRE	187.7 BU/ACRE

2.8
BU/ACRE ADVANTAGE



CHECK	RHIZOSTACK +TS601
19.9 MOISTURE	20.3 MOISTURE
55.5 TEST WEIGHT	56.9 TEST WEIGHT
210.5 BU/ACRE	216.2 BU/ACRE

5.7
BU/ACRE ADVANTAGE

Knowledgeable representative with great product selection information. Was able to give me exactly what I was looking for with great service and yield.

- Adam Baumann
Marathon, WI

SOYBEANS





N-fixing bacteria that works from within the plant, applied in-furrow OR foliar, and across crops to supplement nitrogen where and when it's needed.

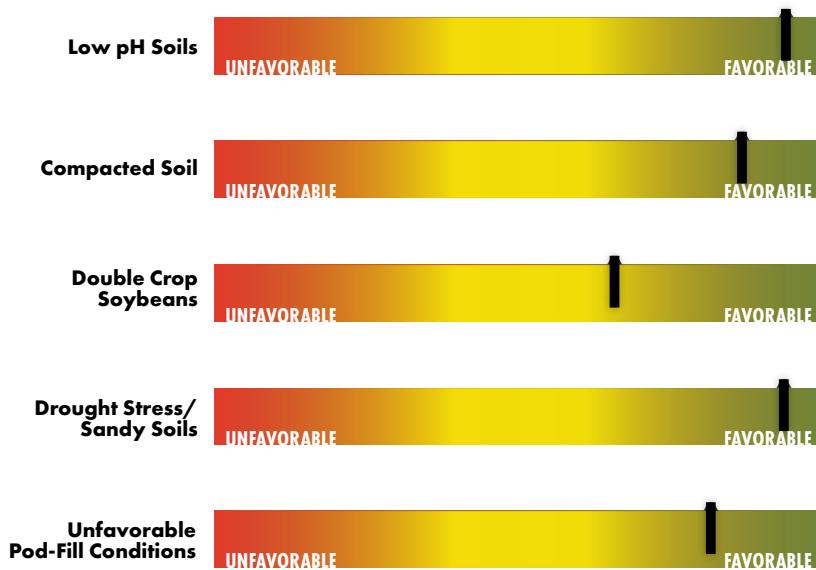
IMPACT ON THE PLANT

- Envita enters the plant through the root zone (in-furrow application) or leaf stomata (foliar application)
- Bacteria works its way into the plant cell and colonies within the actual cell
- The bacteria creates small vesicles or "air pockets" within the plant cell that have the ability of capturing nitrogen from the atmosphere
- Envita repopulates within the cell



**Scan the QR Code
for more details.**

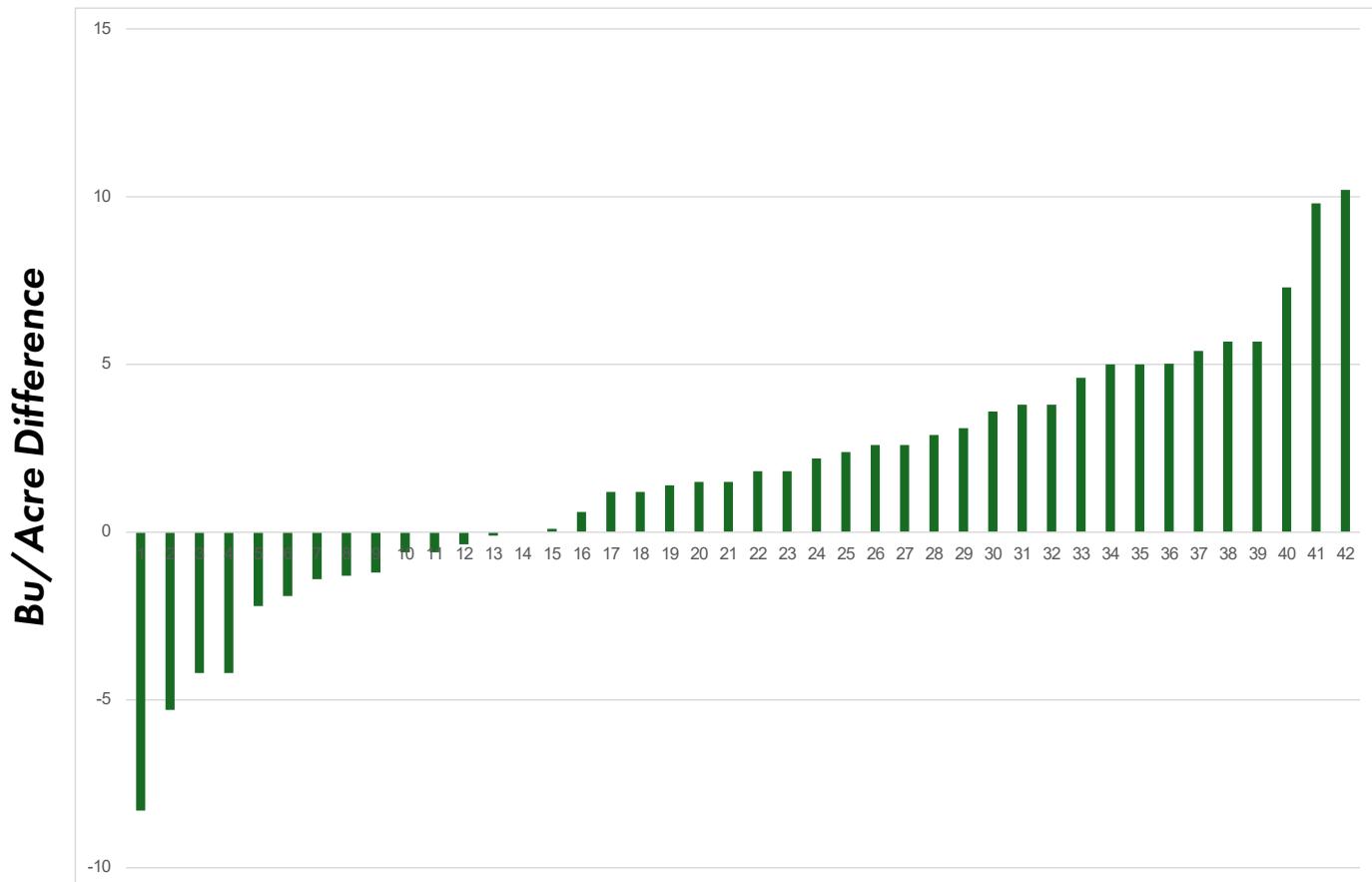
ACRE MATCHMAKER





SOYBEAN

MULTI-YEAR DATA RESULTS



42

DATA POINTS

67%

POSITIVE RESPONSE



4

STATES



14

LOCATIONS

3.5
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

Fortress

Fortress is a liquid biostimulant built on vinasse, amino acids, and key micronutrients. It is designed to reduce flower abortion, improve uniformity, and help crops push through stress during critical growth stages. With bioactive compounds that activate plant metabolism, Fortress sets the foundation for strong yields.

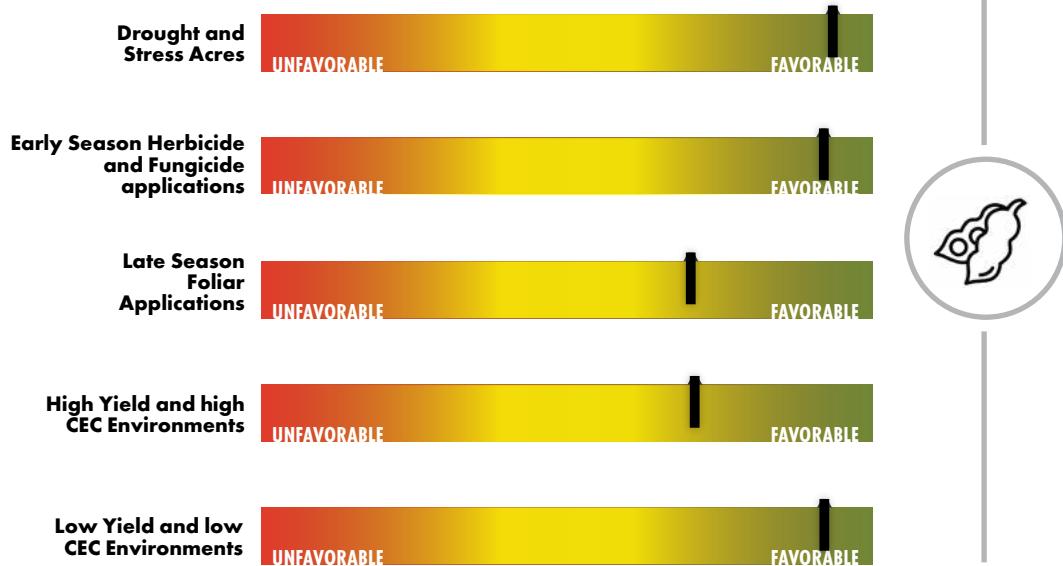
IMPACT ON THE PLANT

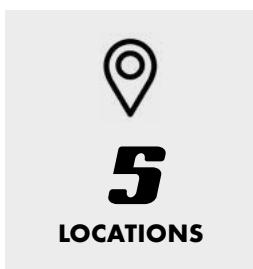
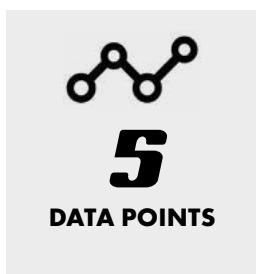
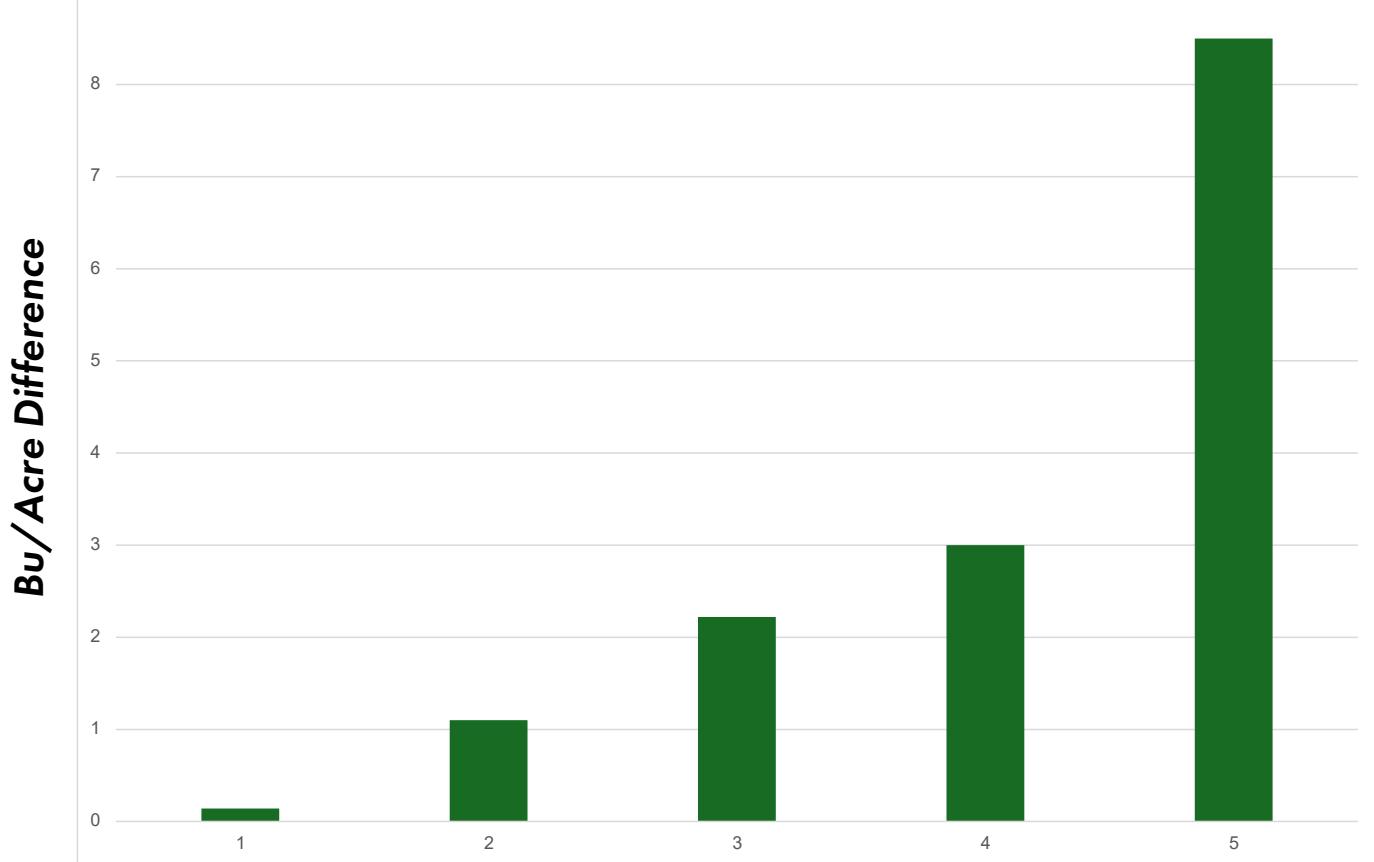
- Promotes consistent flowering and pod/seed set
- Supports efficient nutrient uptake and crop metabolism
- Maintains yield potential under stress conditions



Scan the QR Code
for more details.

ACRE MATCHMAKER





3.0
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

FORTRESS SOYBEAN GROWER TRIALS

FAIRFAX, MN	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	Fortress
8.5 MOISTURE	8.6 MOISTURE
57.0 TEST WEIGHT	56.0 TEST WEIGHT
66.0 BU/ACRE	66.1 BU/ACRE
0.1 BU/ACRE ADVANTAGE	

ROTHSAY, MN	
10EH02 SEED VARIETY	FOLIAR APPLICATION
CHECK	Fortress
9.0 MOISTURE	9.0 MOISTURE
57.0 TEST WEIGHT	57.0 TEST WEIGHT
54.8 BU/ACRE	55.9 BU/ACRE
1.1 BU/ACRE ADVANTAGE	

GLASGOW, MO	
N/A SEED VARIETY	FOLIAR APPLICATION
CHECK	Fortress
11.2 MOISTURE	11.5 MOISTURE
58.0 TEST WEIGHT	58.0 TEST WEIGHT
64 BU/ACRE	67 BU/ACRE
3.0 BU/ACRE ADVANTAGE	

OSAKIS, MN	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	Fortress
11.4 MOISTURE	11.0 MOISTURE
57.0 TEST WEIGHT	57.0 TEST WEIGHT
61.7 BU/ACRE	63.9 BU/ACRE
2.2 BU/ACRE ADVANTAGE	

BALDWIN, WI	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	Fortress
14.1 MOISTURE	13.9 MOISTURE
57.5 TEST WEIGHT	57.3 TEST WEIGHT
54.9 BU/ACRE	63.4 BU/ACRE
8.5 BU/ACRE ADVANTAGE	

N-Physis

N-Physis is a wettable-granular, nitrogen fixing bacteria, that allows a sustainable source of nitrogen to be available to the plant from application through harvest. By penetrating the cell wall, N-Physis can colonize within the plant cell while capturing nitrogen from the air around it and delivering it to the crop where and when it is needed. N-Physis works to provide additional nitrogen needed by the plant to meet your desired yields.

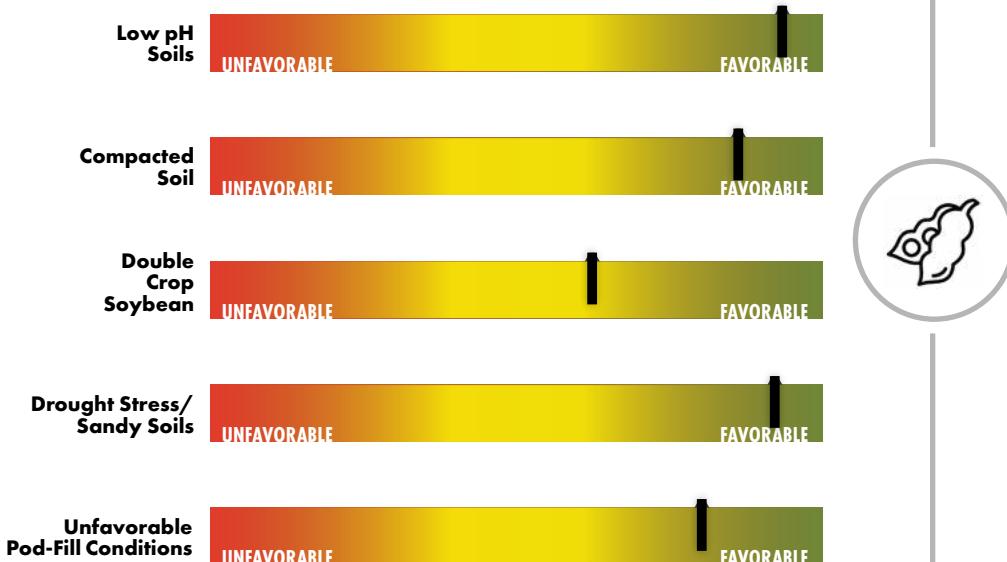
IMPACT ON THE PLANT

- Creates an additional pathway for supplemental nitrogen to enter the plant. Resulting in more opportunities for the plant to access nitrogen bridging the gap between nitrogen demand and available nitrogen.
- All-Season long nitrogen helps overcome poor pod fill and reduced yields.
- Creates overall healthier plants subsequently leading to improved disease resistance.
- Assists in abiotic stress mitigation during adverse environmental conditions such as drought or excessive moisture.



**Scan the QR Code
for more details.**

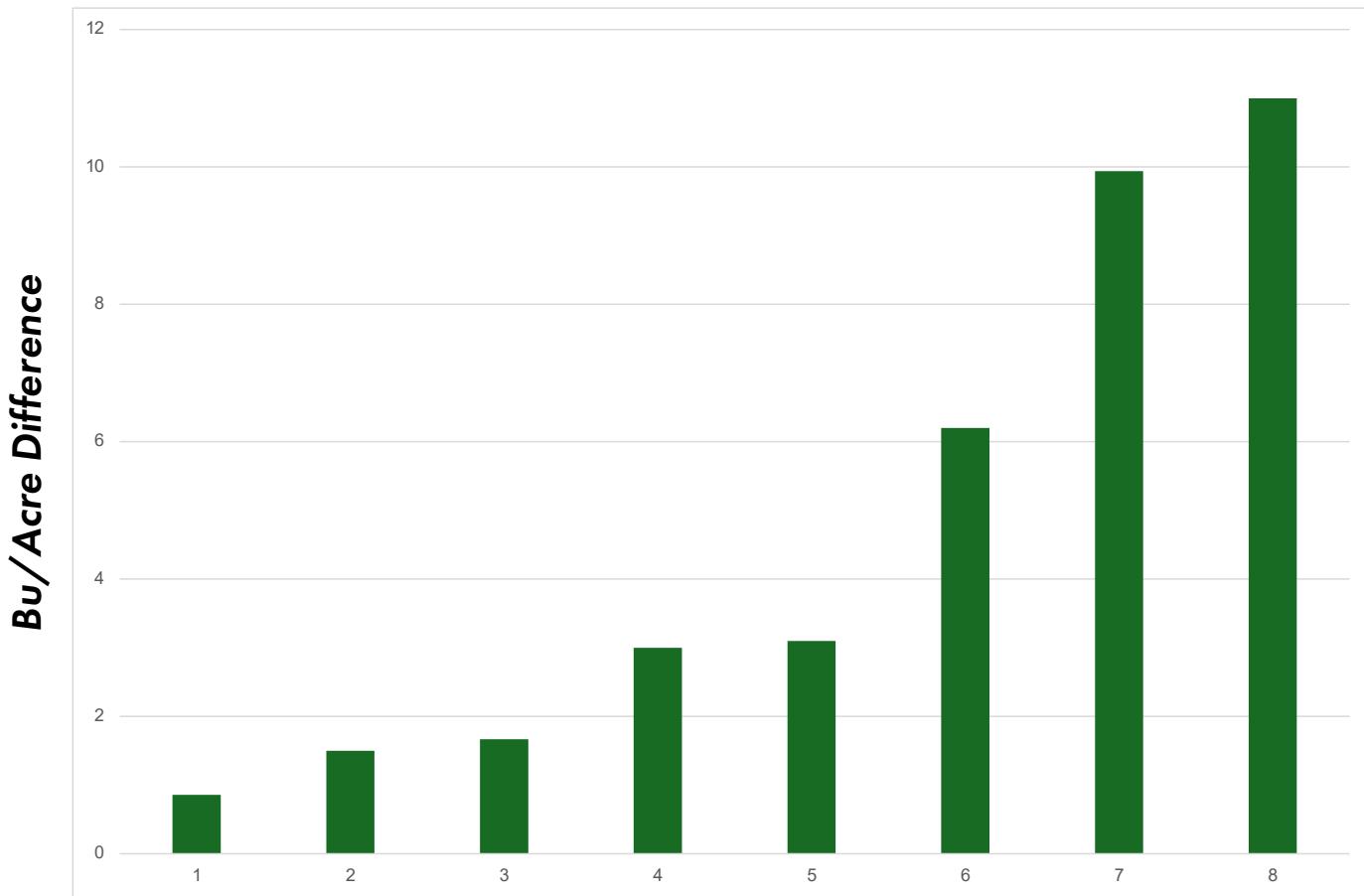
ACRE MATCHMAKER

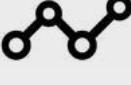




SOYBEAN

MULTI-YEAR DATA RESULTS




8
DATA POINTS

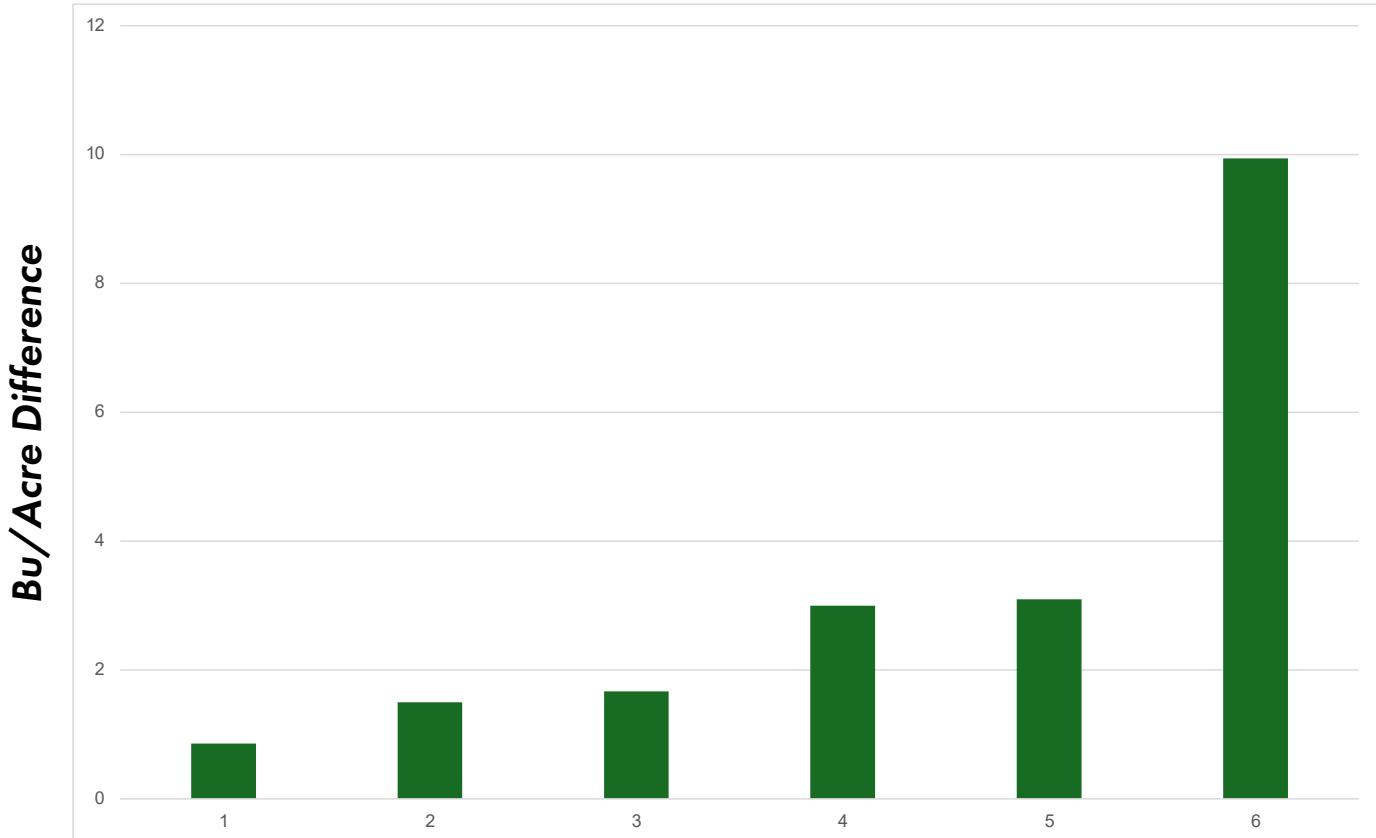

100%
POSITIVE
RESPONSE

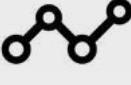

4
STATES


6
LOCATIONS

4.7
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE




6
DATA POINTS


100%
POSITIVE RESPONSE


4
STATES


5
LOCATIONS

3.3
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

N-PHYSIS

SOYBEAN GROWER TRIALS

FAIRFAX, MN	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
8.5 MOISTURE	8.5 MOISTURE
57.0 TEST WEIGHT	56.3 TEST WEIGHT
66.0 BU/ACRE	66.8 BU/ACRE
0.9 BU/ACRE ADVANTAGE	

BALDWIN, WI	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
14.1 MOISTURE	14 MOISTURE
57.5 TEST WEIGHT	57.4 TEST WEIGHT
54.9 BU/ACRE	56.57 BU/ACRE
1.7 BU/ACRE ADVANTAGE	

MILFORD, DE	
AG43XF5 SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
13.0 MOISTURE	13.0 MOISTURE
60.0 TEST WEIGHT	60.0 TEST WEIGHT
68.3 BU/ACRE	78.2 BU/ACRE
9.9 BU/ACRE ADVANTAGE	

DIETERICH, IL	
AG36XF4 SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
11.7 MOISTURE	11.7 MOISTURE
N/A TEST WEIGHT	N/A TEST WEIGHT
55.0 BU/ACRE	58.0 BU/ACRE
3.0 BU/ACRE ADVANTAGE	

EFFINGHAM, IL	
AG39XF3 SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
11.7 MOISTURE	10.5 MOISTURE
N/A TEST WEIGHT	N/A TEST WEIGHT
58.0 BU/ACRE	61.1 BU/ACRE
3.1 BU/ACRE ADVANTAGE	

DIETERICH, IL	
AG36XF4 SEED VARIETY	FOLIAR APPLICATION
CHECK	NPhysis
11.2 MOISTURE	11.3 MOISTURE
N/A TEST WEIGHT	N/A TEST WEIGHT
58.1 BU/ACRE	59.6 BU/ACRE
1.5 BU/ACRE ADVANTAGE	



Nutriquire is a microbial-based product that increases the active biomass in the soil. Nutriquire introduces microbes into the soil resulting in improved plant vigor and nutrient cycling. Many of the bacteria found in Nutriquire are spore forming bacteria allowing for flexible mixing and application options.

- **Easy To Apply**

A wide range of application methods

- **Improved Nutrient Uptake**

Overall plant nutrient efficiency, availability, and uptake

- **Nitrogen Availability**

Converts soil N to plant available forms quicker

- **Increase in P & K Availability**

Improves phosphorous and potassium availability

- **Versatility**

Longer shelf life and versatility of application



Scan the QR Code
for more details.

ACRE MATCHMAKER

High or Low
pH Soils



Apply with
Fertilizer



Late Foliar
Application



Heavy Manure
Ground



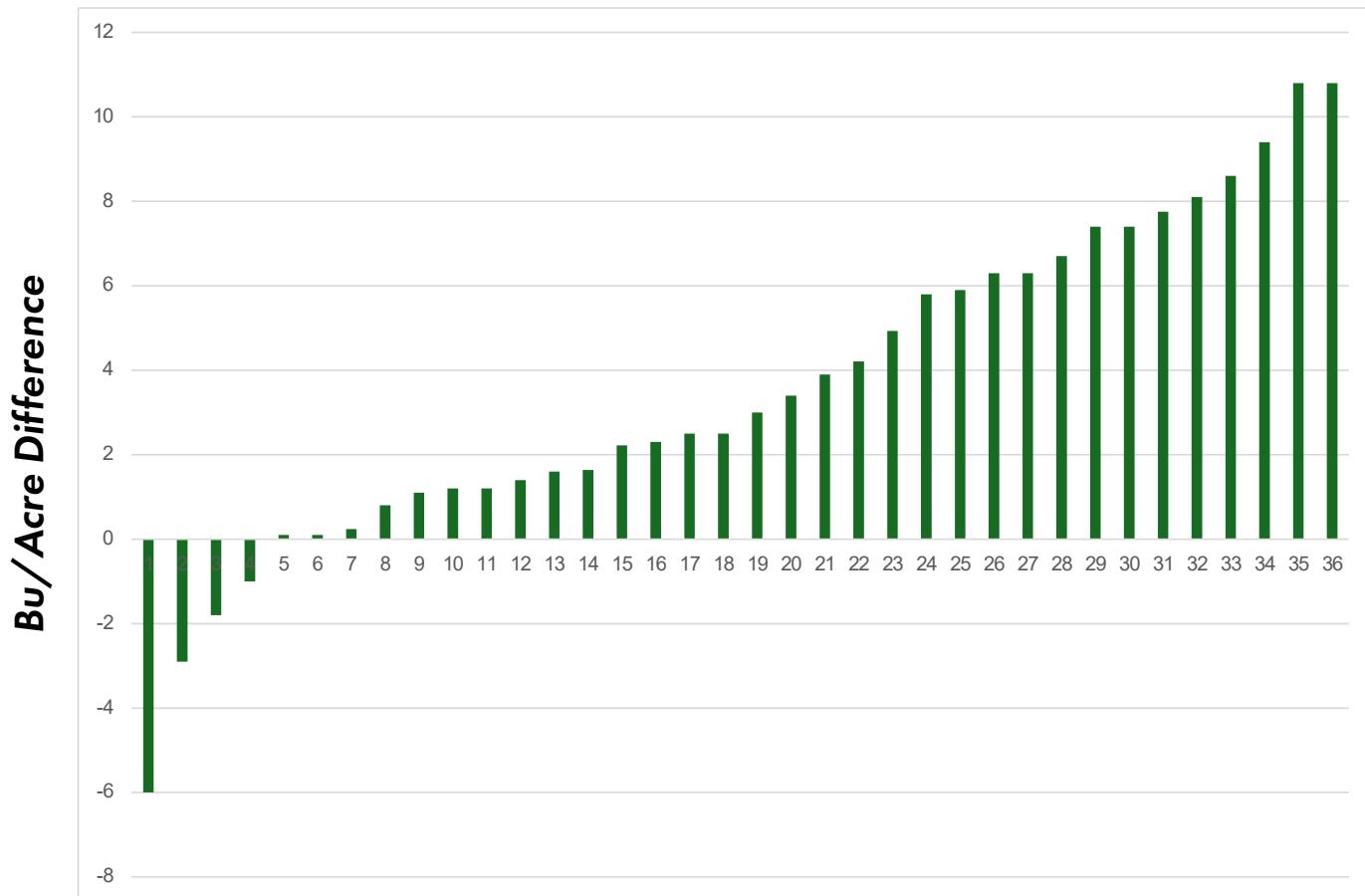
Sandy Soil/
Low CEC





SOYBEAN

MULTI-YEAR DATA RESULTS



36
DATA POINTS

89%
POSITIVE RESPONSE

4
STATES

11
LOCATIONS

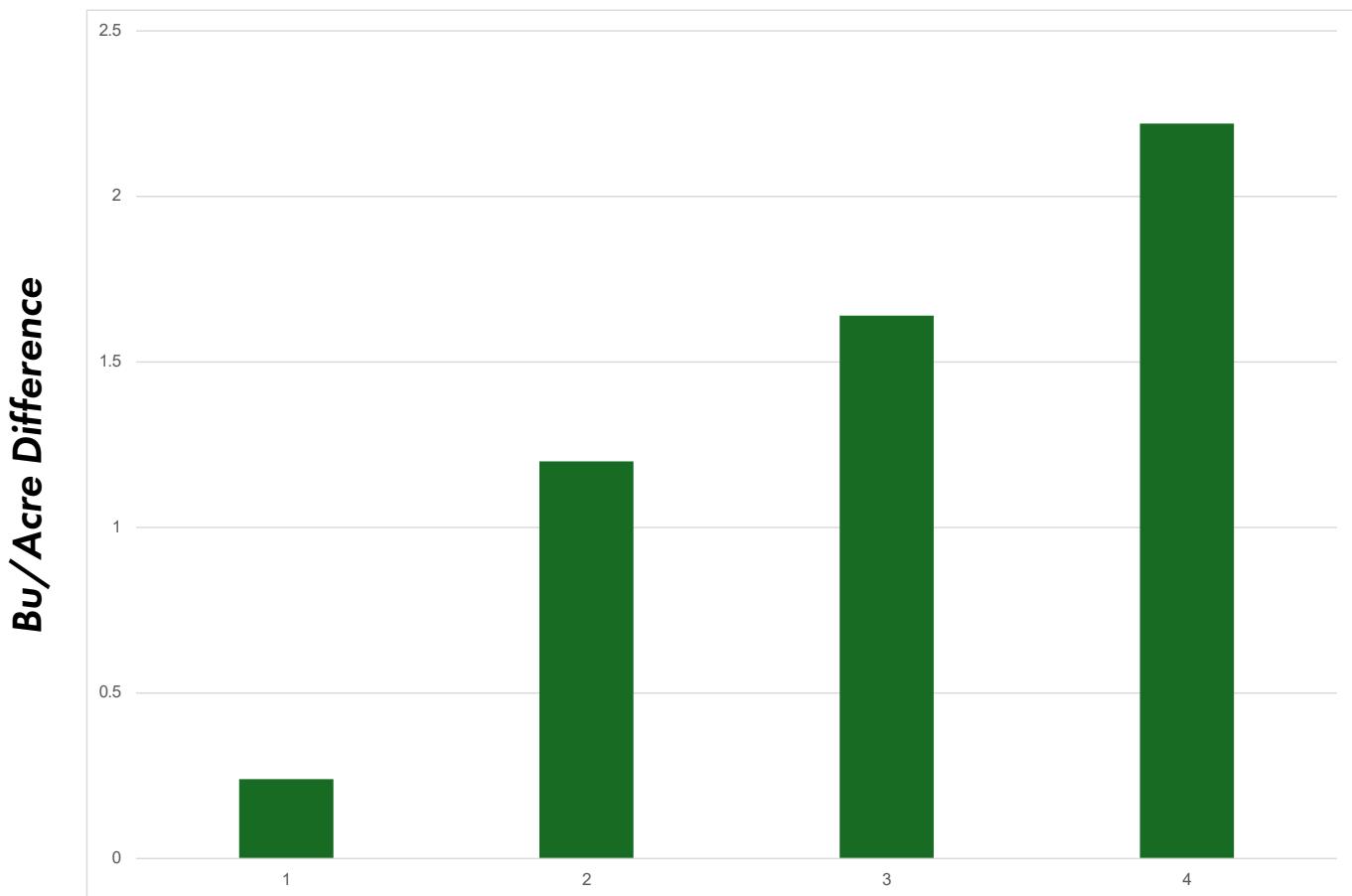
4.4
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE



SOYBEAN

2025 DATA RESULTS




4
DATA POINTS


100%
POSITIVE
RESPONSE


2
STATES


4
LOCATIONS

1.3
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

NUTRIQUIRE SOYBEAN GROWER TRIALS

FAIRFAX, MN	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	Nutriquire
8.5 MOISTURE	8.6 MOISTURE
57.0 TEST WEIGHT	55.6 TEST WEIGHT
66.0 BU/ACRE	67.6 BU/ACRE
1.6 BU/ACRE ADVANTAGE	

OSAKIS, MN	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	Nutriquire
11.4 MOISTURE	11.0 MOISTURE
57.0 TEST WEIGHT	57.0 TEST WEIGHT
61.7 BU/ACRE	63.9 BU/ACRE
2.2 BU/ACRE ADVANTAGE	

ELBOW LAKE, MN	
P18A73E SEED VARIETY	IN FURROW APPLICATION
CHECK	Nutriquire
9.7 MOISTURE	9.4 MOISTURE
57.0 TEST WEIGHT	57.0 TEST WEIGHT
54.1 BU/ACRE	55.3 BU/ACRE
1.2 BU/ACRE ADVANTAGE	

BALDWIN, WI	
16E435N SEED VARIETY	FOLIAR APPLICATION
CHECK	Nutriquire
14.1 MOISTURE	14 MOISTURE
57.5 TEST WEIGHT	57.6 TEST WEIGHT
54.9 BU/ACRE	55.14 BU/ACRE
0.2 BU/ACRE ADVANTAGE	

Nutriquire consistently provides the best ROI of any biological product that we have ever used on our farm!

- Jevan Richert
Springfield, MN



Nutriquire + Terrasym is a synergistic combination of spore forming microbials and siderophores applied in the planter box providing ease of use, improved plant nutrient uptake and ROI.

- **Potassium Availability**

Mineralizes potassium more efficiently allowing for enhanced pod fill.

- **Iron Uptake**

Bacteria within Nutriquire + Terrasym produce siderophores which bind iron and concentrate it in the root zone as a plant available form.

- **IDC Tolerance**

Minimizes the impact of iron deficiency in the plant by allowing for greater iron uptake. Data shows average of 19.4% increase in the leaf tissue compared to the control.



**Scan the QR Code
for more details.**

ACRE MATCHMAKER

**Soil pH above 7.3
or Below 6.5**



FAVORABLE

**Micronutrient tie
up in soil**



FAVORABLE

**High
Organic
Matter &
High CEC**



FAVORABLE

**Low Organic
Matter & Low CEC**



FAVORABLE

**Prone to Iron
Deficiency
Chlorosis**



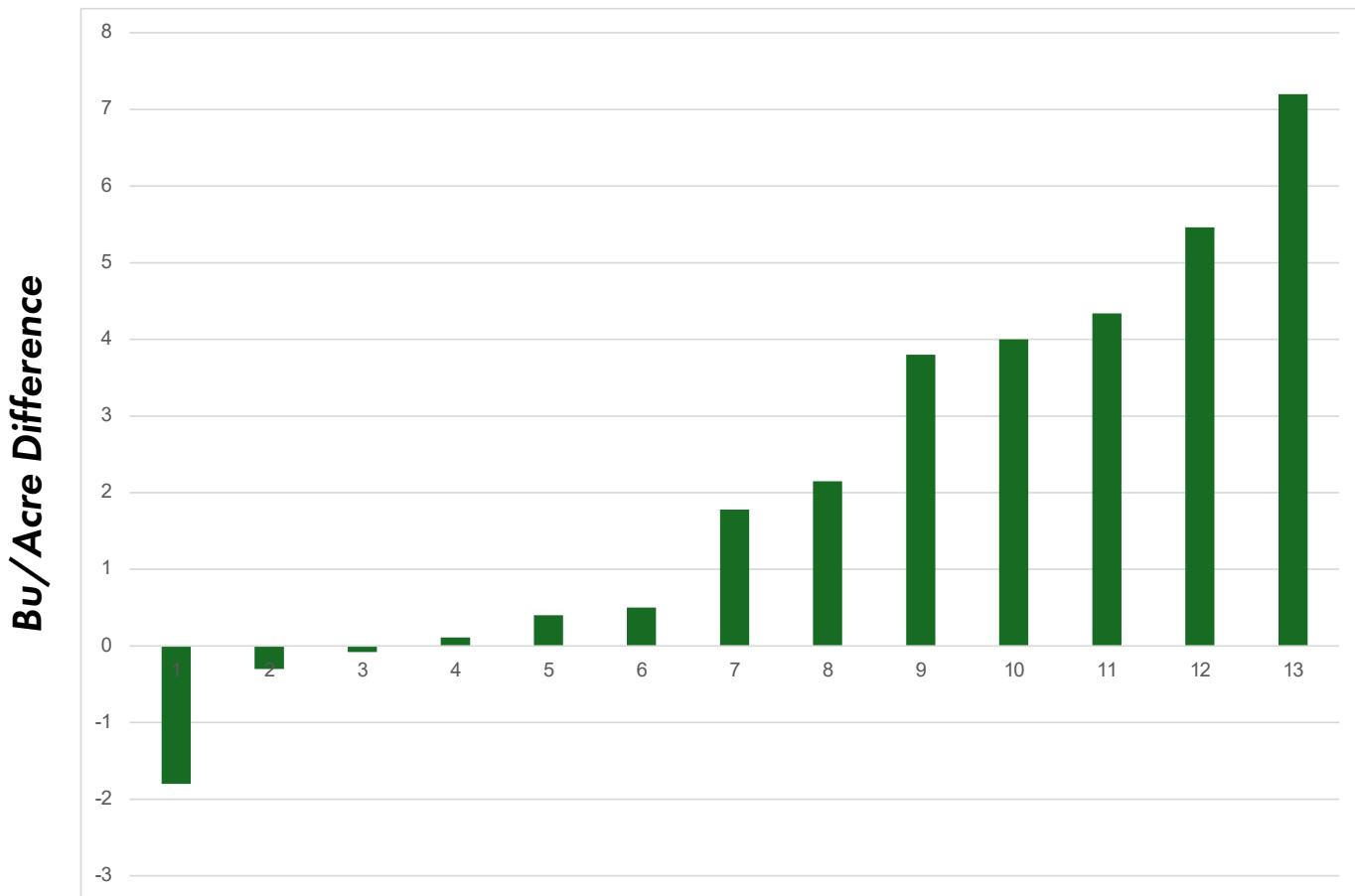
FAVORABLE





SOYBEAN

MULTI-YEAR DATA RESULTS



13
DATA POINTS

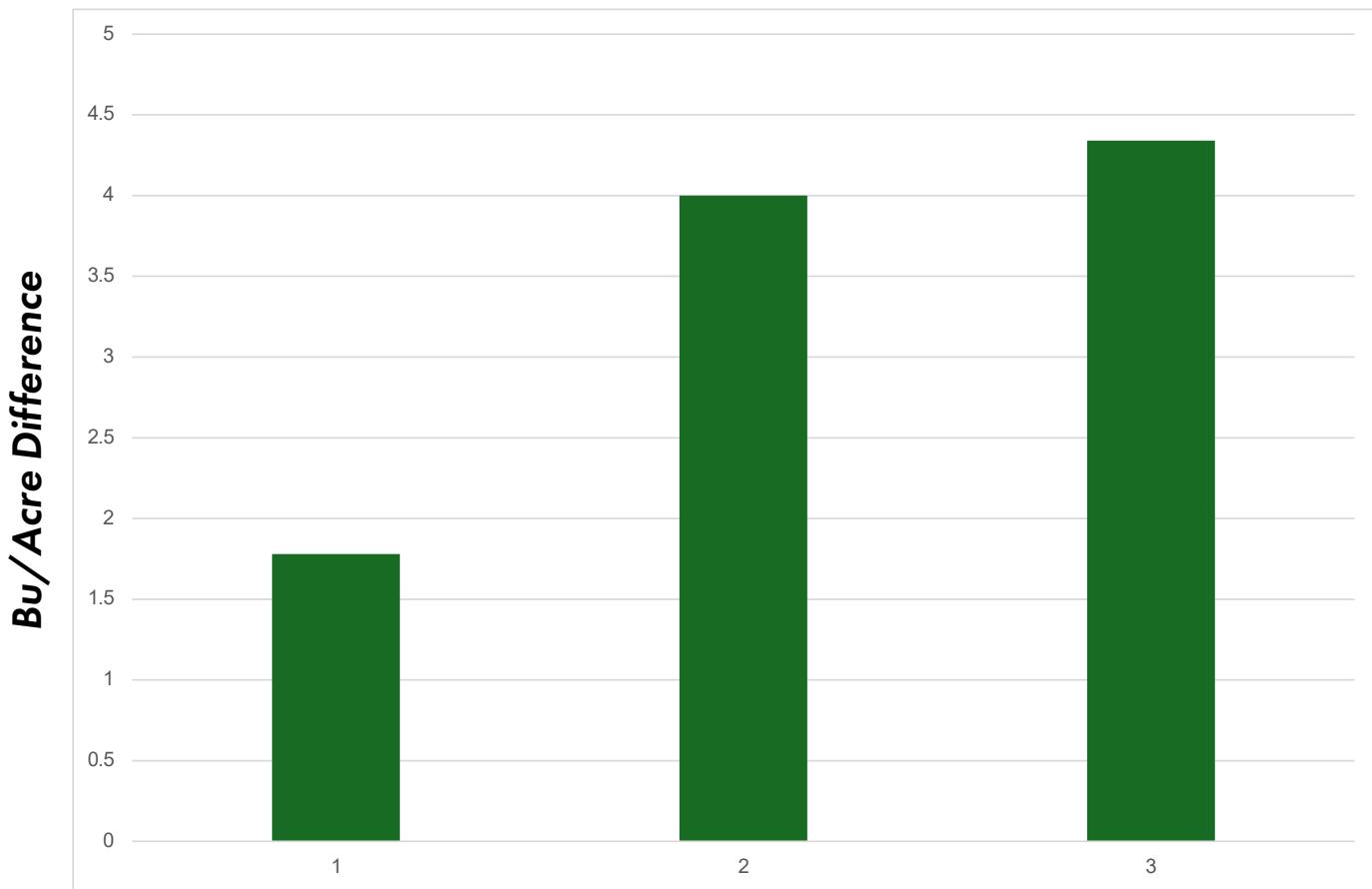
77%
POSITIVE RESPONSE

4
STATES

10
LOCATIONS

3.0
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE




3
DATA POINTS


100%
POSITIVE RESPONSE


2
STATES

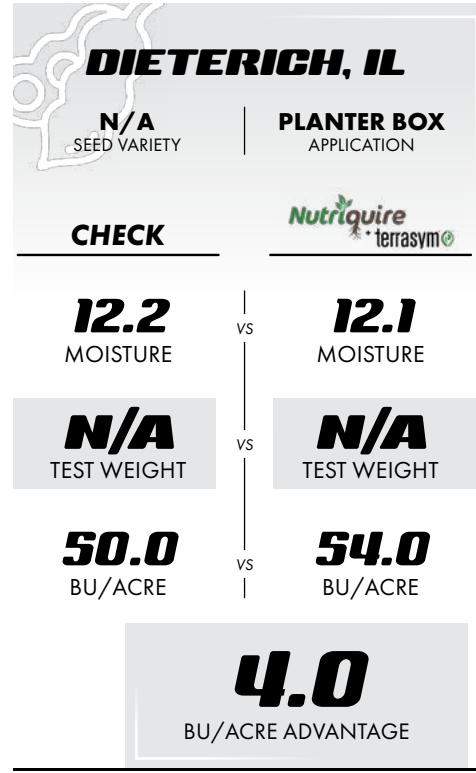
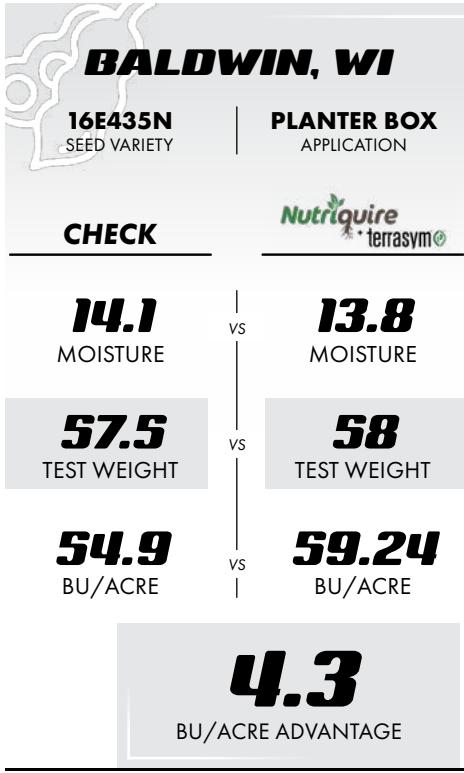
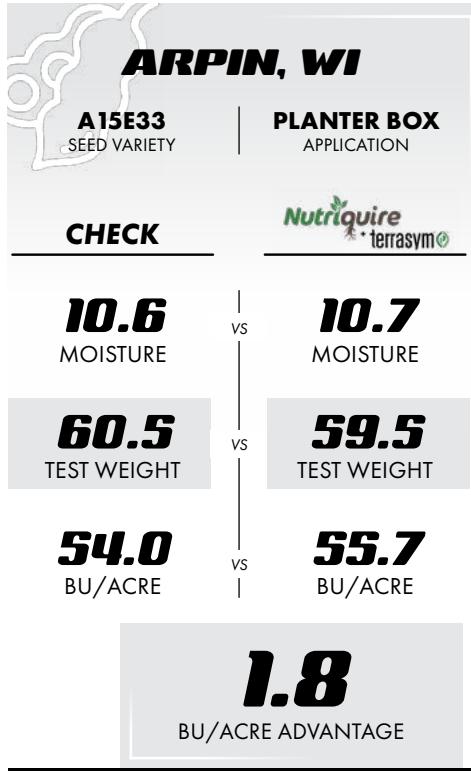

3
LOCATIONS

3.4
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

NUTRIQUIRE + TERRASYM

SOYBEAN GROWER TRIALS



The service and support that the team of agronomists has can not be beat. They are very knowledgeable and fast to respond to any question I've had.

*- Travis Richert
Springfield, MN*



RHIZOSTACK

RhizoStack for soybeans is designed to improve nutrient uptake leading to enhanced tolerance of abiotic stress, early season root development & higher yields. The added seed lubrication & seed flow properties allow for ease of use during planting.

IMPACT ON THE PLANT

- **Improved Ear Fill**

Microbes help improve nutrient uptake throughout the entire season leading to improved ear fill.

- **Improved Soil Nutrient Uptake**

Microbes within RhizoStack release siderophores that attach to micronutrients and deliver to the plant.

- *IDC Mitigation*

Minimizes the impact of iron deficiency in the plant by allowing for greater iron uptake.

- **Iron Uptake**

Bacteria within RhizoStack produce siderophores which bind iron and concentrate it in the root zone.

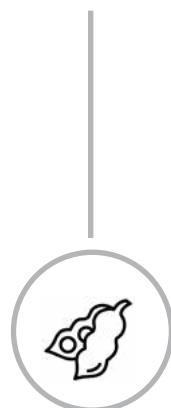
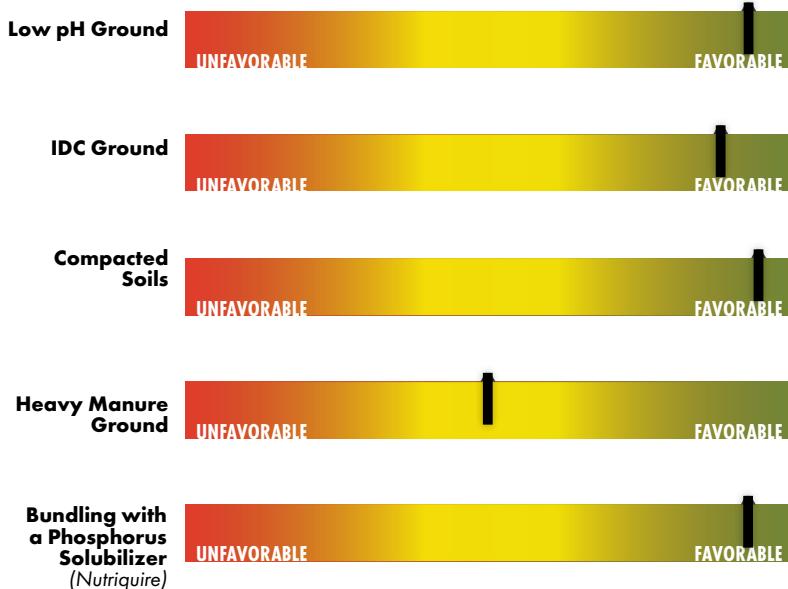
- ***Root Development***

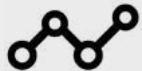
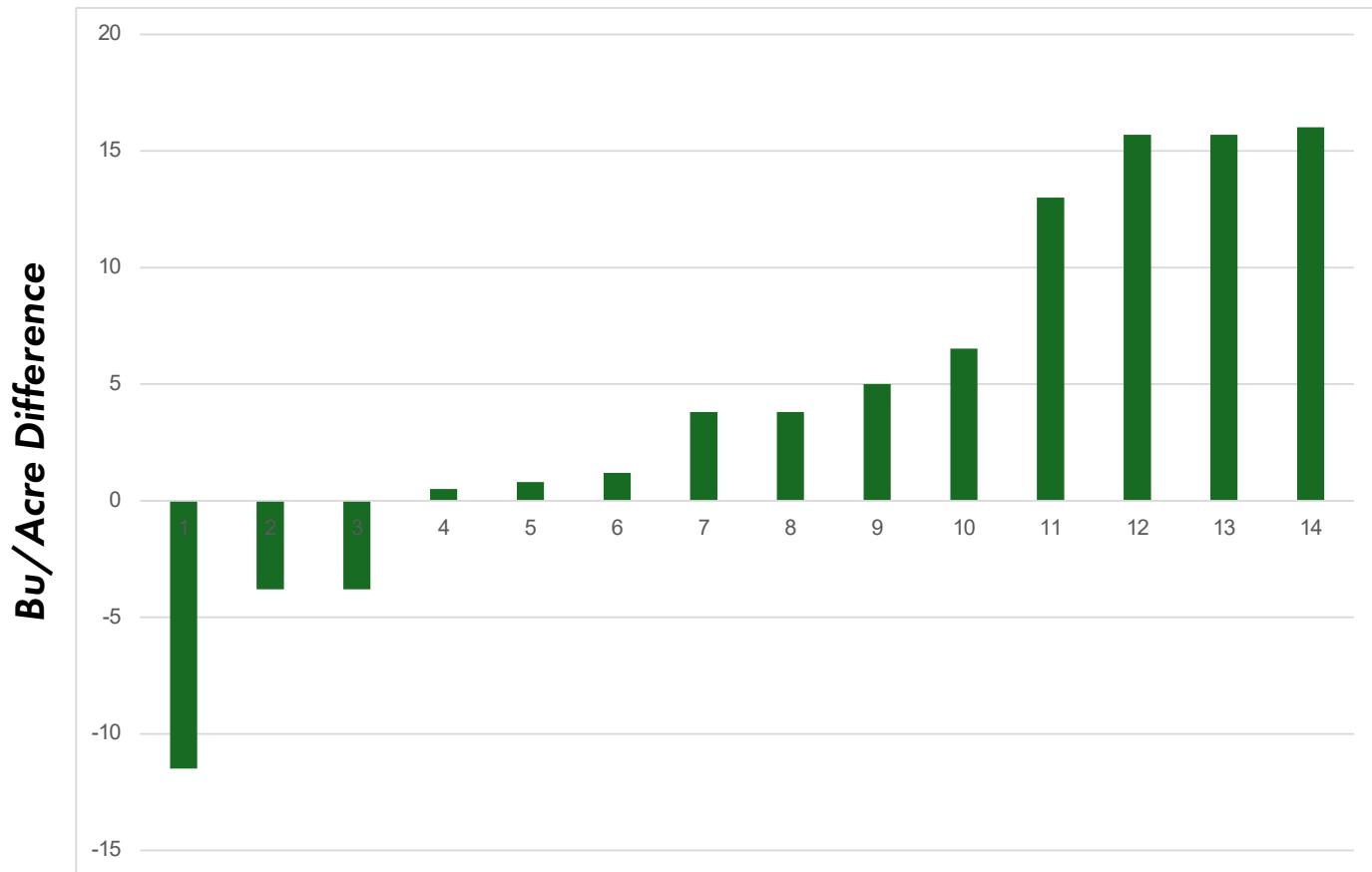
Improved nutrient and micronutrient uptake allows for enhanced root development.



**Scan the QR Code
for more details.**

ACRE MATCHMAKER



**14**
DATA POINTS
79%
POSITIVE
RESPONSE**3**
STATES**8**
LOCATIONS**7.5**
BU/ACRE**AVERAGE INCREASE WHEN POSITIVE**

SoyfxTM

Soyfx is a specific combination of identified and tested microbials that elicit a positive crop response. Soyfx unlocks the plant's ability to produce growth regulators and metabolites that enhance production through biosynthetic pathway efficiencies.

IMPACT ON THE PLANT

- **Increased flowers & pods**

Additional branching leads to more flowers and pods. With proper moisture and fertility this leads to higher yield.

- **Stress Mitigation**

Specific strains of microbes within Soyfx modulate pH throughout the day reducing plant stress and ethylene production.

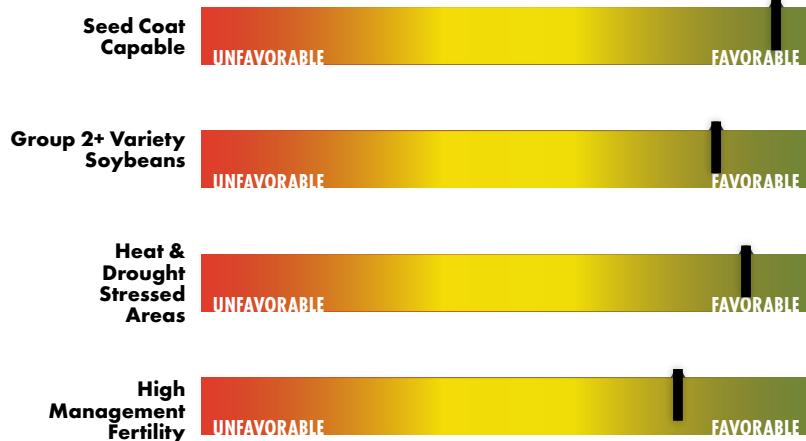
- **Additional Branching**

Specially identified microbes within Soyfx activate the lower axillary buds encouraging the development of more branches. This attribute also aids in recovery after a hail event.



Scan the QR Code
for more details.

ACRE MATCHMAKER

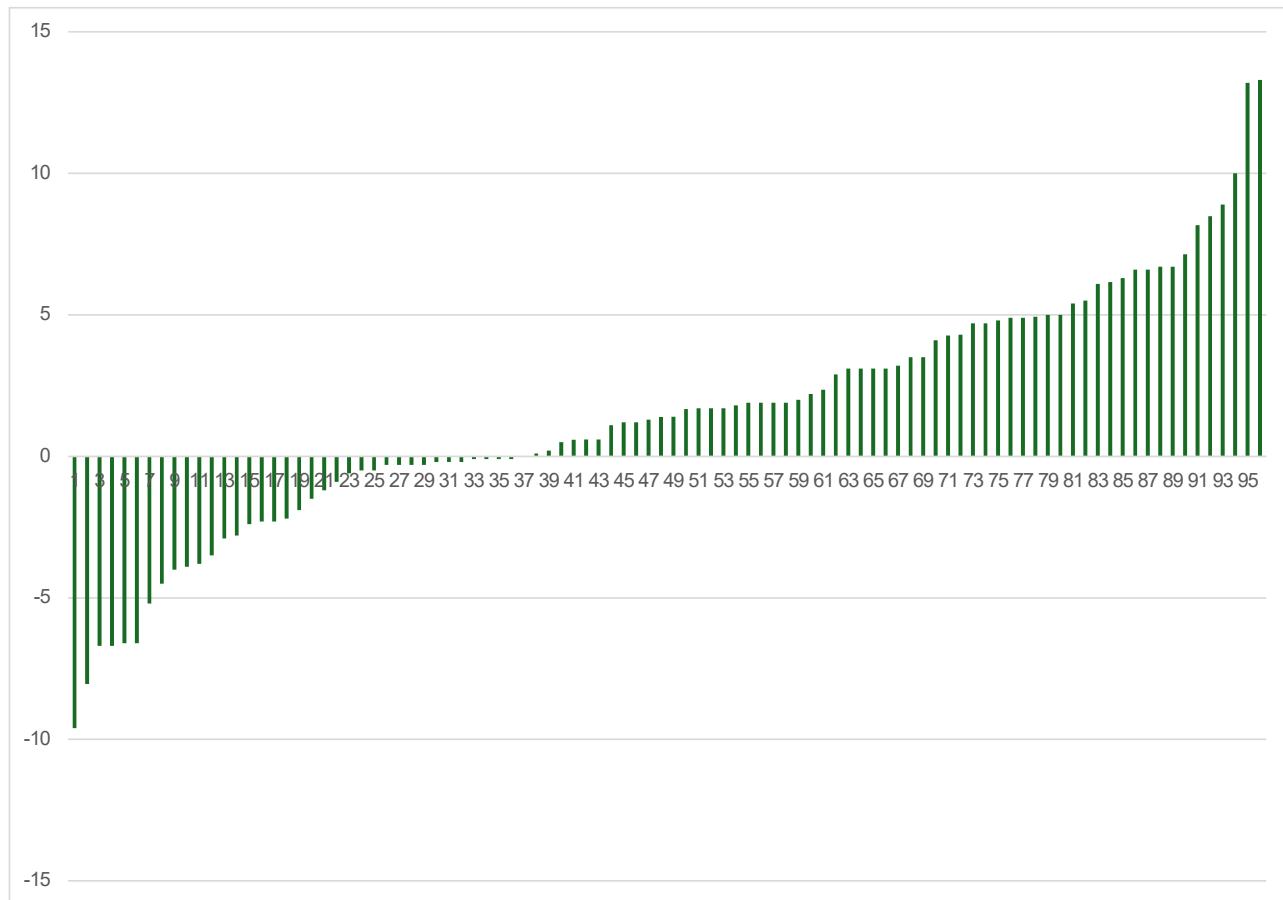




SOYBEAN

MULTI-YEAR DATA RESULTS

Bu/Acre Difference



96

DATA POINTS

61%

POSITIVE
RESPONSE



6

STATES



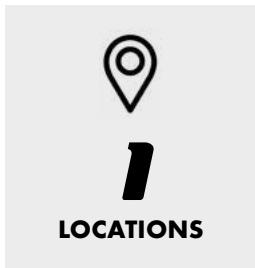
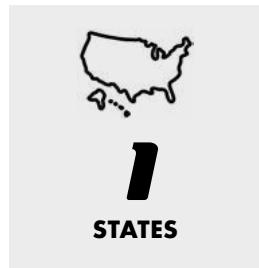
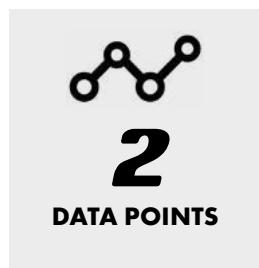
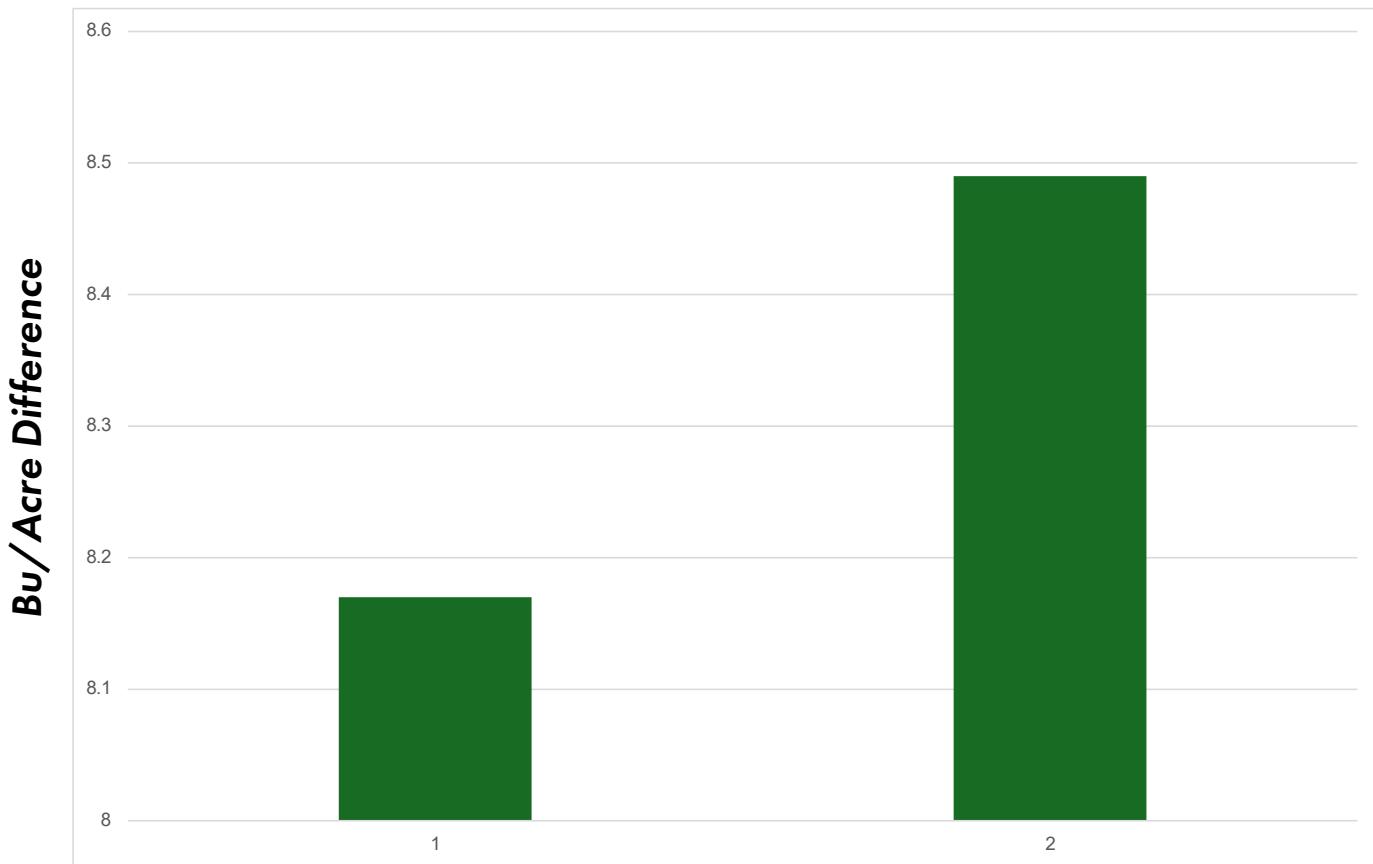
32

LOCATIONS

3.9

BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

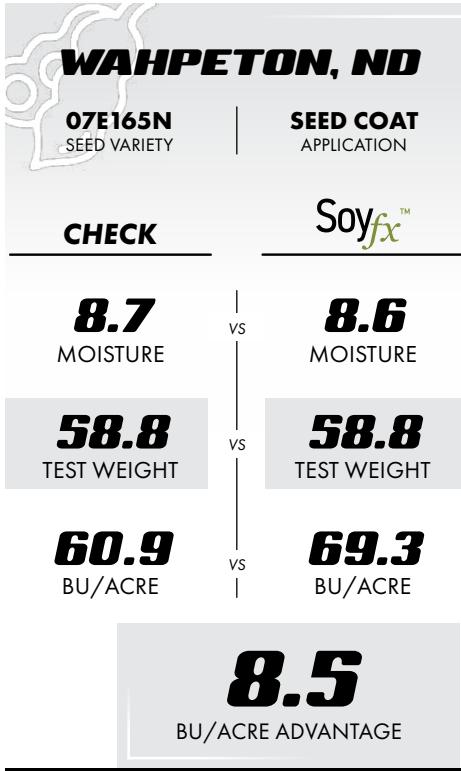
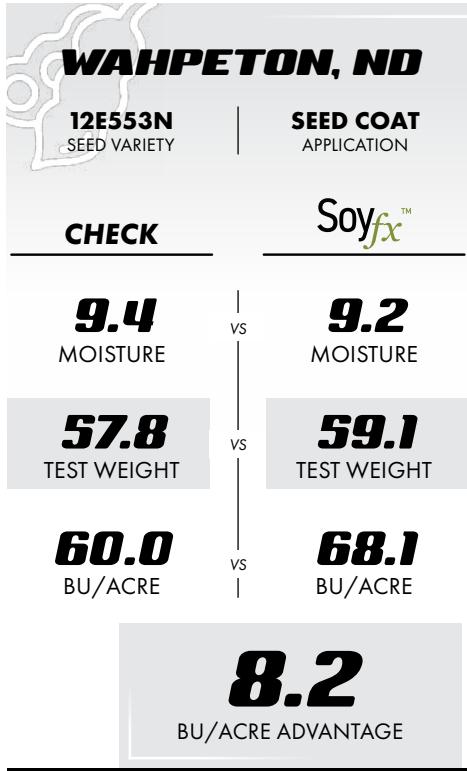


8.3
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

SOYFX

SOYBEAN GROWER TRIALS



The Legend XtendFlex soybeans and Soyfx have performed great this fall. Seeing 3-5 bu/acre yield boost using Soyfx.

- Rob Baruth
Alpena, SD

TS 601

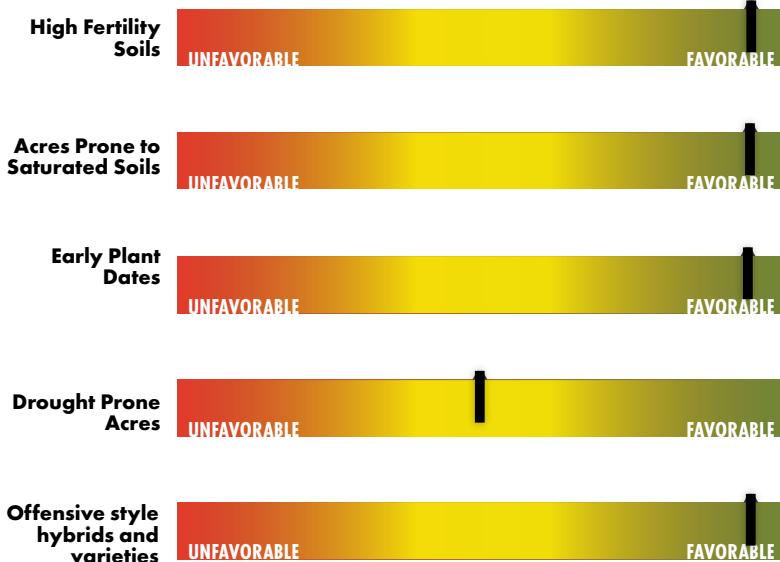
TS601 is an EPA-registered solution designed to strengthen your disease management program from day one. When applied at planting, it delivers season-long protection against key soilborne and foliar fungal pathogens, helping safeguard early vigor and crop performance.

IMPACT ON THE PLANT

- Significant reduction in disease severity and progression on key pathogens
- Statistically significant increased yield on par with the standard chemical control under heavy Pythium pressure
- Reduced incidence and onset of disease
- Equivalent performance to chemical control



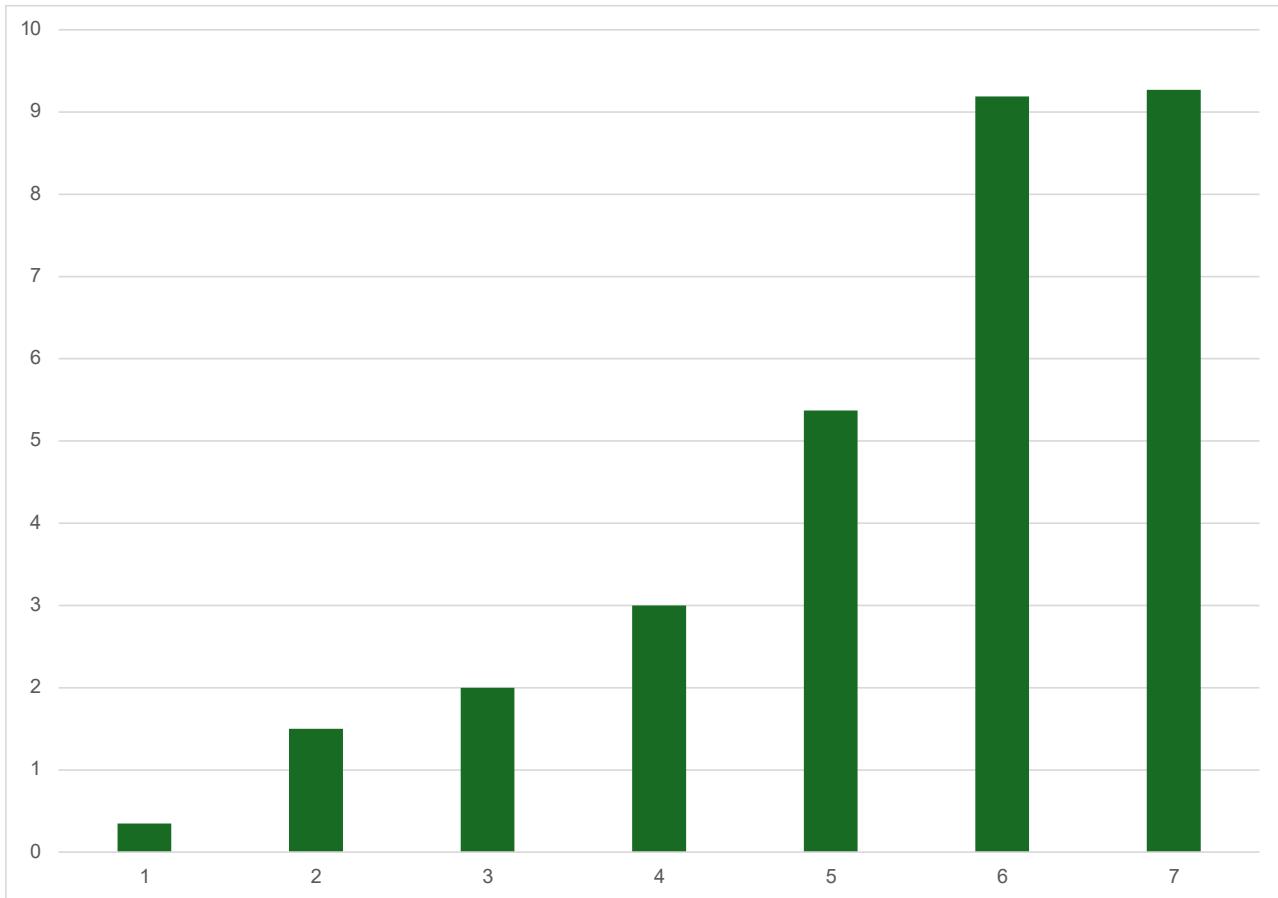
ACRE MATCHMAKER



TS 601

SOYBEAN
2025 DATA RESULTS

Bu/Acre Difference




7
DATA POINTS


100%
POSITIVE
RESPONSE


3
STATES


6
LOCATIONS

4.4
BU/ACRE

AVERAGE INCREASE WHEN POSITIVE

2025 YIELDMASTER SOLUTIONS

TS 601

SOYBEAN GROWER TRIALS

OSAKIS, MN	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
11.4 MOISTURE	11.1 MOISTURE
57.0 TEST WEIGHT	57.0 TEST WEIGHT
61.7 BU/ACRE	67.1 BU/ACRE
5.4 BU/ACRE ADVANTAGE	

FAIRFAX, MN	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
8.5 MOISTURE	8.6 MOISTURE
57.0 TEST WEIGHT	56.6 TEST WEIGHT
66.0 BU/ACRE	66.3 BU/ACRE
0.4 BU/ACRE ADVANTAGE	

KNAPP, WI	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
11.0 MOISTURE	11.0 MOISTURE
59.0 TEST WEIGHT	59.0 TEST WEIGHT
57.0 BU/ACRE	60.0 BU/ACRE
3.0 BU/ACRE ADVANTAGE	

JANESVILLE, WI	
XF0731E SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
N/A MOISTURE	N/A MOISTURE
N/A TEST WEIGHT	N/A TEST WEIGHT
54.2 BU/ACRE	55.7 BU/ACRE
1.5 BU/ACRE ADVANTAGE	

BALDWIN, WI	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
14.1 MOISTURE	14.1 MOISTURE
57.1 TEST WEIGHT	57.4 TEST WEIGHT
54.8 BU/ACRE	64.1 BU/ACRE
9.3 BU/ACRE ADVANTAGE	

MARATHON CITY WI,	
16E453N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
N/A MOISTURE	N/A MOISTURE
N/A TEST WEIGHT	N/A TEST WEIGHT
56.1 BU/ACRE	58.1 BU/ACRE
2.0 BU/ACRE ADVANTAGE	

2025 YIELDMASTER SOLUTIONS

TS 601

SOYBEAN GROWER TRIALS

BALDWIN, WI	
16E435N SEED VARIETY	SEED COAT APPLICATION
CHECK	TS601
14.1 MOISTURE	14.1 MOISTURE
57.5 TEST WEIGHT	57.4 TEST WEIGHT
54.9 BU/ACRE	64.09 BU/ACRE
9.2 BU/ACRE ADVANTAGE	

I am very happy with the hybrids and biologicals.

*- Bob Willats
Orchard, NE*



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