

2024 **HARVEST TRIAL DATA**



YieldMaster[™]
SOLUTIONS^{LLC}

605-860-8534 • YIELDMASTERSOLUTIONS.COM • [f](#) [@](#) [in](#) [v](#) [x](#)

**UNBIASED INDEPENDENCE
DEVOTED TO INTEGRITY**

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

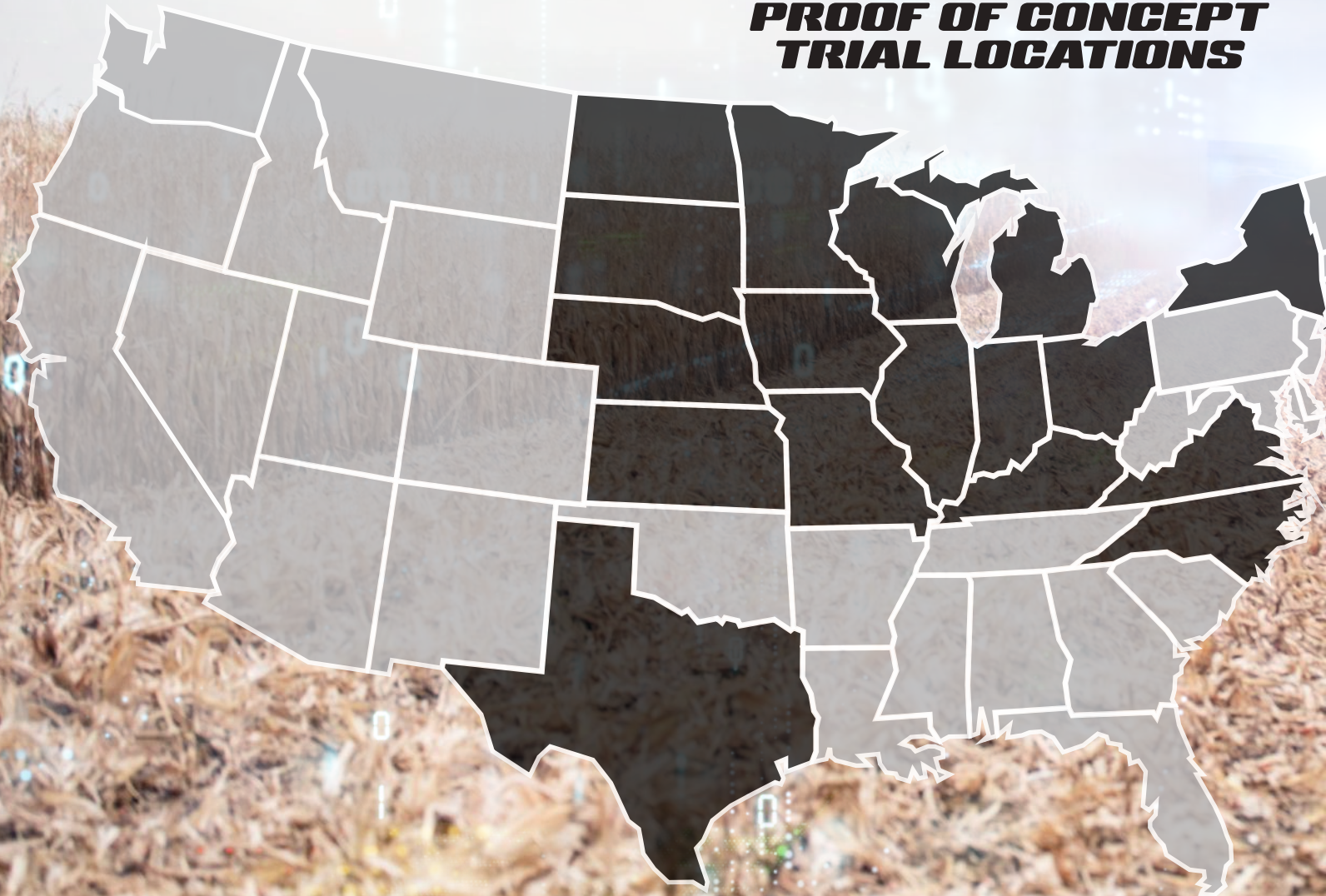
1. Does it work?
2. Does it enhance the grower's ROI?

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

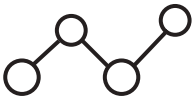


YieldMaster Solutions (YMS) is a leading provider of innovative biological solutions. Specialized in delivering high-quality biological products that enhance crop health and improve yield potential; we offer a robust product portfolio for multiple crop types to meet specific operation and application 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 our dealers with honesty and expertise towards their 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.

TABLE OF CONTENTS

CORN 5 - 22

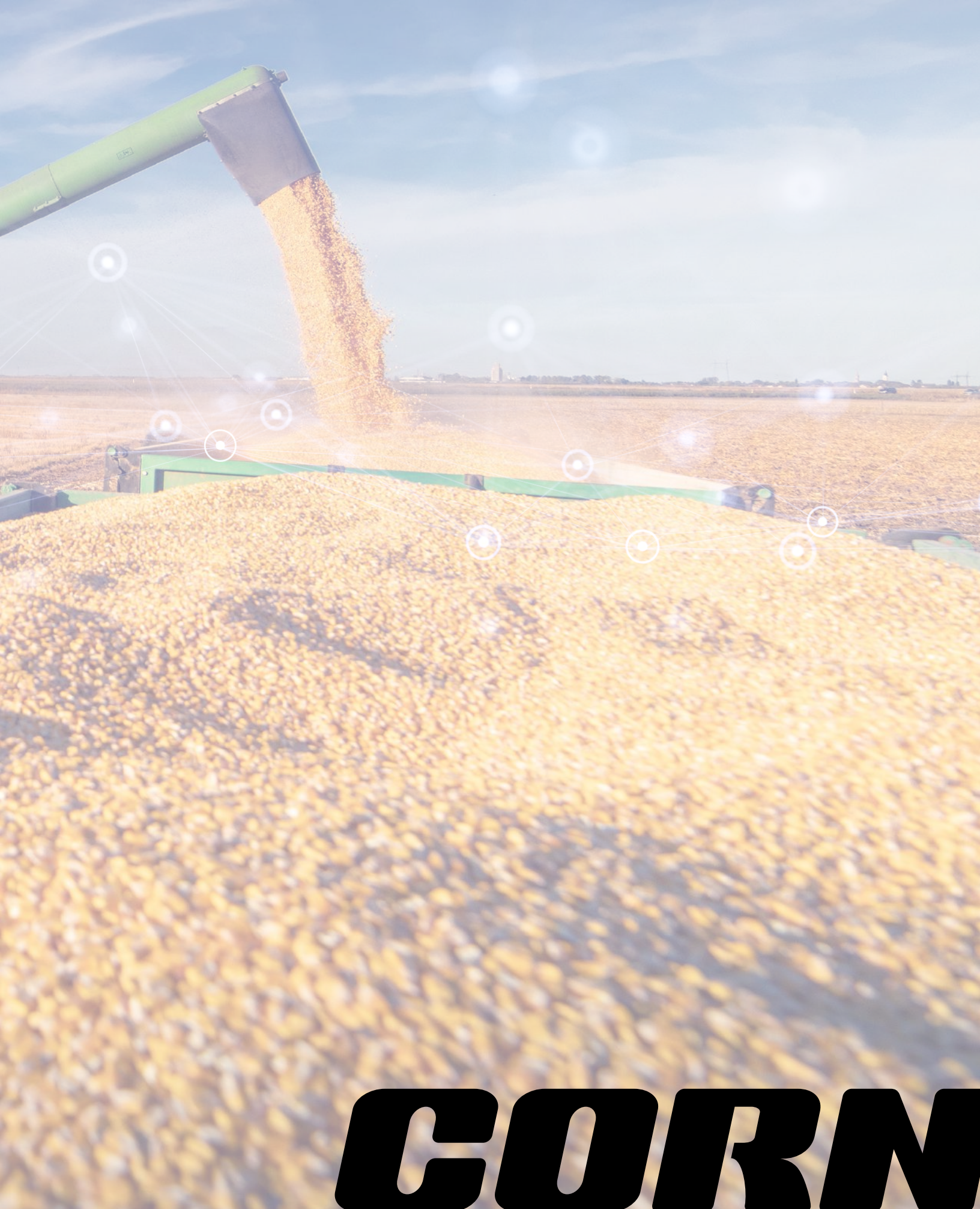
Nutriquire Intro Page	6
Multi Year Data	7
2024 Data	8
Nutriquire Grower Trials	9 - 10
Envita Intro Page	11
Multi Year Data	12
2024 Data	13
Envita Grower Trials	14
Nutriquire + Terrasym Intro Page	15
2024 Data	16
Nutriquire + Terrasym Grower Trials	17-18
Terrasym 450 + DUST + TS201 Intro Page	19
Multi Year Data	20
2024 Data	21
Terrasym 450 + DUST + TS201 Grower Trials	22

SOYBEANS 23-39

Nutriquire Intro Page	24
Multi Year Data	25
2024 Data	26
Nutriquire Grower Trials	27
Envita Intro Page	28
Multi Year Data	29
2024 Data	30
Envita Grower Trials	31
Nutriquire + Terrasym Intro Page	32
2024 Data	33
Nutriquire + Terrasym Grower Trials	34-35
Soy _{fx} Intro Page	36
Multi Year Data	37
2024 Data	38
Soy _{fx} Grower Trials	39

SPECIALTY PRODUCTS

Alfalfa Trial Data	41
--------------------------	----



CORN



UNLOCK YOUR SOIL'S POTENTIAL

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

ACRE MATCHMAKER

High or Low pH Soils



Apply with Fertilizer



Late Foliar Application



Heavy Manure Ground

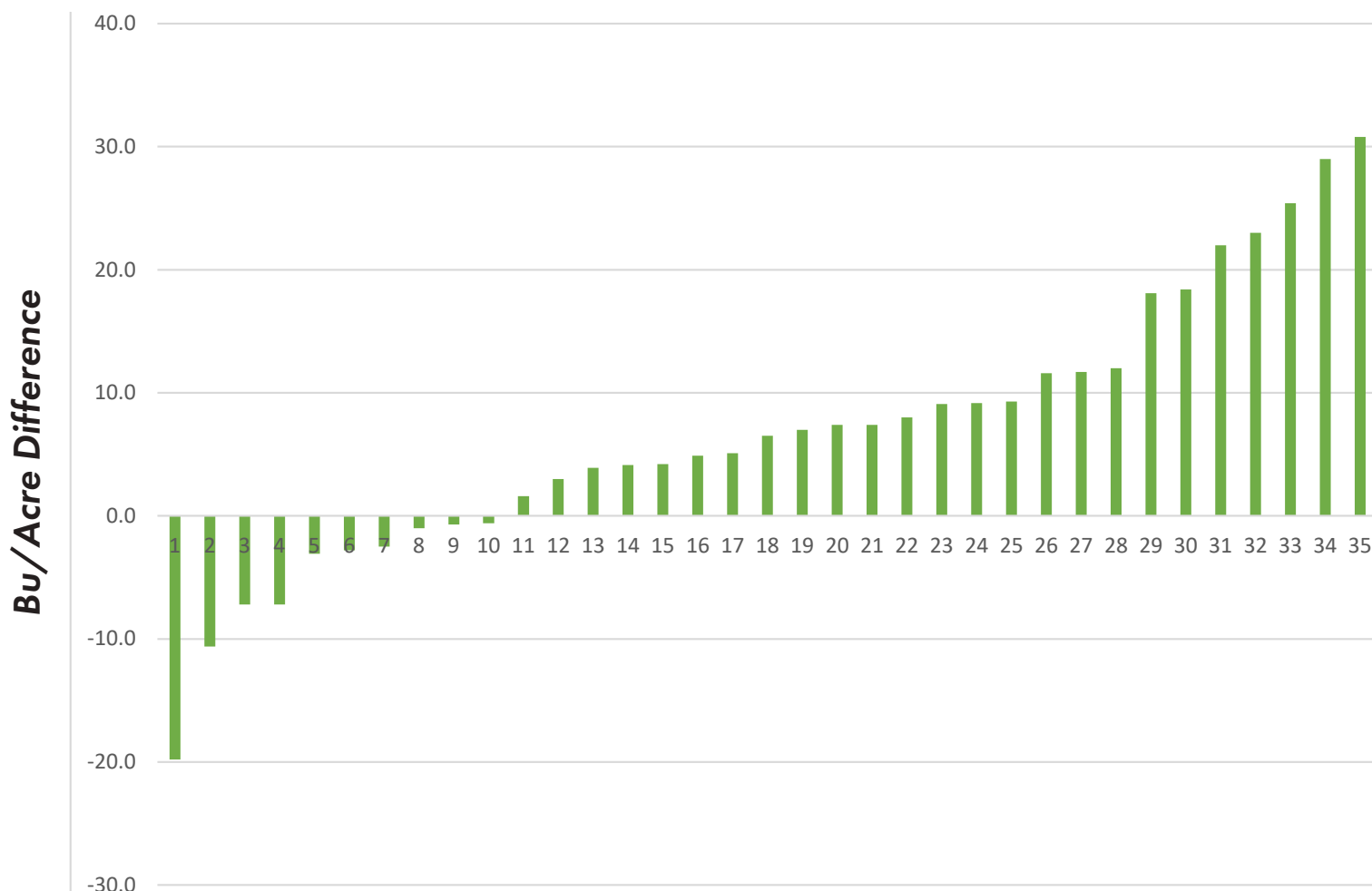


Sandy Soil/ Low CEC



CORN

MULTI-YEAR DATA RESULTS



35
DATA POINTS



71%
POSITIVE
RESPONSE



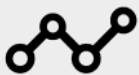
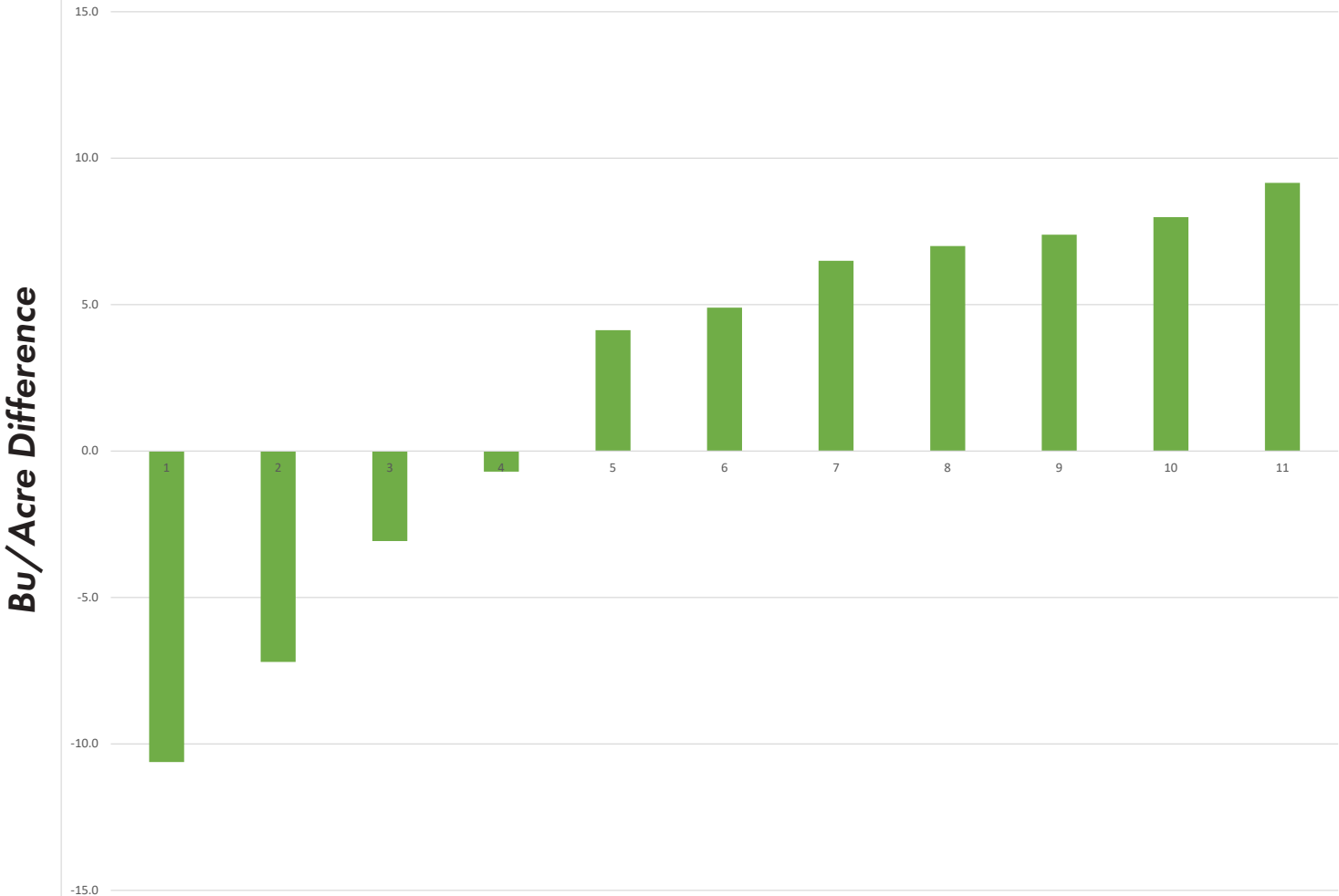
5
STATES



15
LOCATIONS

13.6 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

CORN
2024 DATA RESULTS



11
DATA POINTS



63%
POSITIVE
RESPONSE



3
STATES



7
LOCATIONS

8.8 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

NUTRIQUIRE CORN GROWER TRIALS

FAIRFAX, MN

LR 9199 VIP3110
SEED HYBRID

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

14.5
MOISTURE

VS

14.6
MOISTURE

58.1
TEST WEIGHT

VS

56.0
TEST WEIGHT

196.1
BU/ACRE

VS

203.1
BU/ACRE

7.0

BU/ACRE ADVANTAGE

KENSINGTON, MN

5895 CONV
SEED HYBRID

IN-FURROW
APPLICATION

CHECK

NUTRIQUIRE

16.8
MOISTURE

VS

15.5
MOISTURE

57.0
TEST WEIGHT

VS

57.0
TEST WEIGHT

219.4
BU/ACRE

VS

223.5
BU/ACRE

4.1

BU/ACRE ADVANTAGE

OSAKIS, MN

LR 9199 VIP3110
SEED HYBRID

IN-FURROW
APPLICATION

CHECK

NUTRIQUIRE

23.5
MOISTURE

VS

24.8
MOISTURE

56.5
TEST WEIGHT

VS

56.0
TEST WEIGHT

227.5
BU/ACRE

VS

234.0
BU/ACRE

6.5

BU/ACRE ADVANTAGE

UNDERWOOD, MN

PB9290 VT2P RIB
SEED HYBRID

IN-FURROW
APPLICATION

CHECK

NUTRIQUIRE

16.6
MOISTURE

VS

17.0
MOISTURE

58.0
TEST WEIGHT

VS

58.0
TEST WEIGHT

211.0
BU/ACRE

VS

218.4
BU/ACRE

7.4

BU/ACRE ADVANTAGE

ORCHARD, NE

LR 9412 PCE RA
SEED HYBRID

IN-FURROW
APPLICATION

CHECK

NUTRIQUIRE

13.4
MOISTURE

VS

13.9
MOISTURE

60.4
TEST WEIGHT

VS

61.4
TEST WEIGHT

211.1
BU/ACRE

VS

220.2
BU/ACRE

9.2

BU/ACRE ADVANTAGE

WEBSTER CO, GA

DEKALB 6208
SEED HYBRID

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

N/A
MOISTURE

VS

N/A
MOISTURE

N/A
TEST WEIGHT

VS

N/A
TEST WEIGHT

185.0
BU/ACRE

VS

200.0
BU/ACRE

15.0

BU/ACRE ADVANTAGE

2024 YIELDMASTER SOLUTIONS

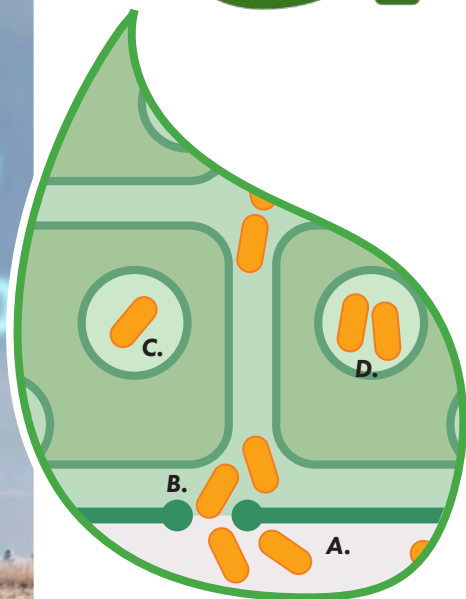
NUTRIQUIRE CORN GROWER TRIALS

BALDWIN, WI		BALDWIN, WI	
EXP24-9650 SEED HYBRID	IN-FURROW APPLICATION	EXP24-0059 SEED HYBRID	IN-FURROW APPLICATION
CHECK	NUTRIQUIRE	CHECK	NUTRIQUIRE
17.7 MOISTURE	vs 17.9 MOISTURE	16.8 MOISTURE	vs 16.7 MOISTURE
54.5 TEST WEIGHT	vs 54.5 TEST WEIGHT	57.6 TEST WEIGHT	vs 57.6 TEST WEIGHT
202.0 BU/ACRE	vs 206.9 BU/ACRE	198.3 BU/ACRE	vs 206.3 BU/ACRE
4.9 BU/ACRE ADVANTAGE		8.0 BU/ACRE ADVANTAGE	

We got 5.4 bu/ac advantage when applying Nutriquire. We're sold on this product as it provides an ROI for our whole farm operation.

- John Garrett-Hadeway
Fairgrove, MI

envita[®]



HOW ENVITA WORKS

- A.** Envita enters the plant through the root zone (in-furrow application) or leaf stomata (foliar application)
- B.** Envita bacteria works its way into the plant cell and colonizes within the actual cell
- C.** Envita bacteria creates small vesicles or “air pockets” within the plant cell that have the ability of capturing nitrogen from the atmosphere
- D.** Envita repopulates within the cell

ACRE MATCHMAKER

Drought Stress
Conditions



Low CEC & Low
Organic Matter



Low
Response
to Nitrogen
Hybrids



Limited Nitrogen
Applications

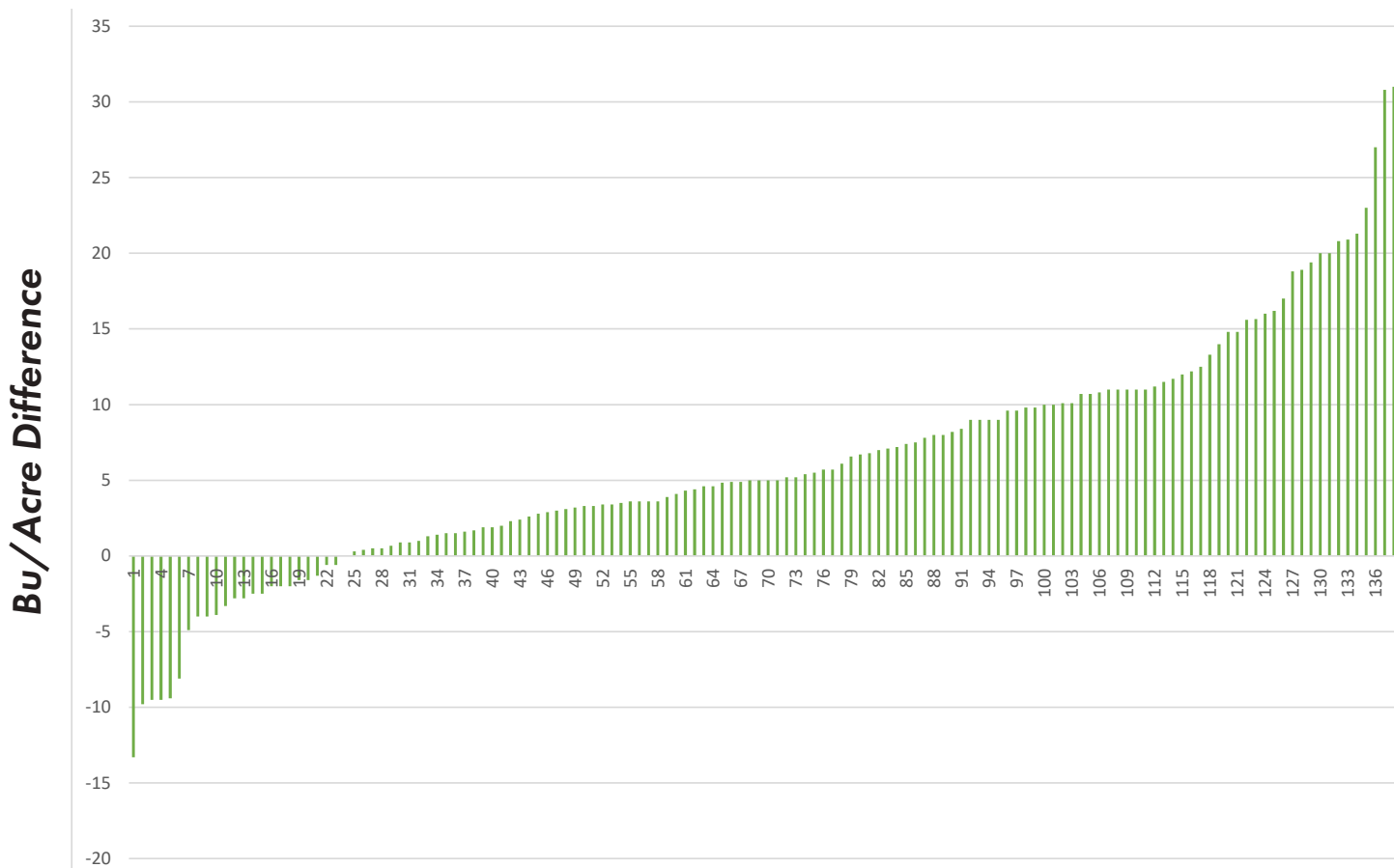


High
Moisture Soils



CORN

MULTI-YEAR DATA RESULTS



138
DATA POINTS



83%
POSITIVE
RESPONSE



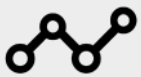
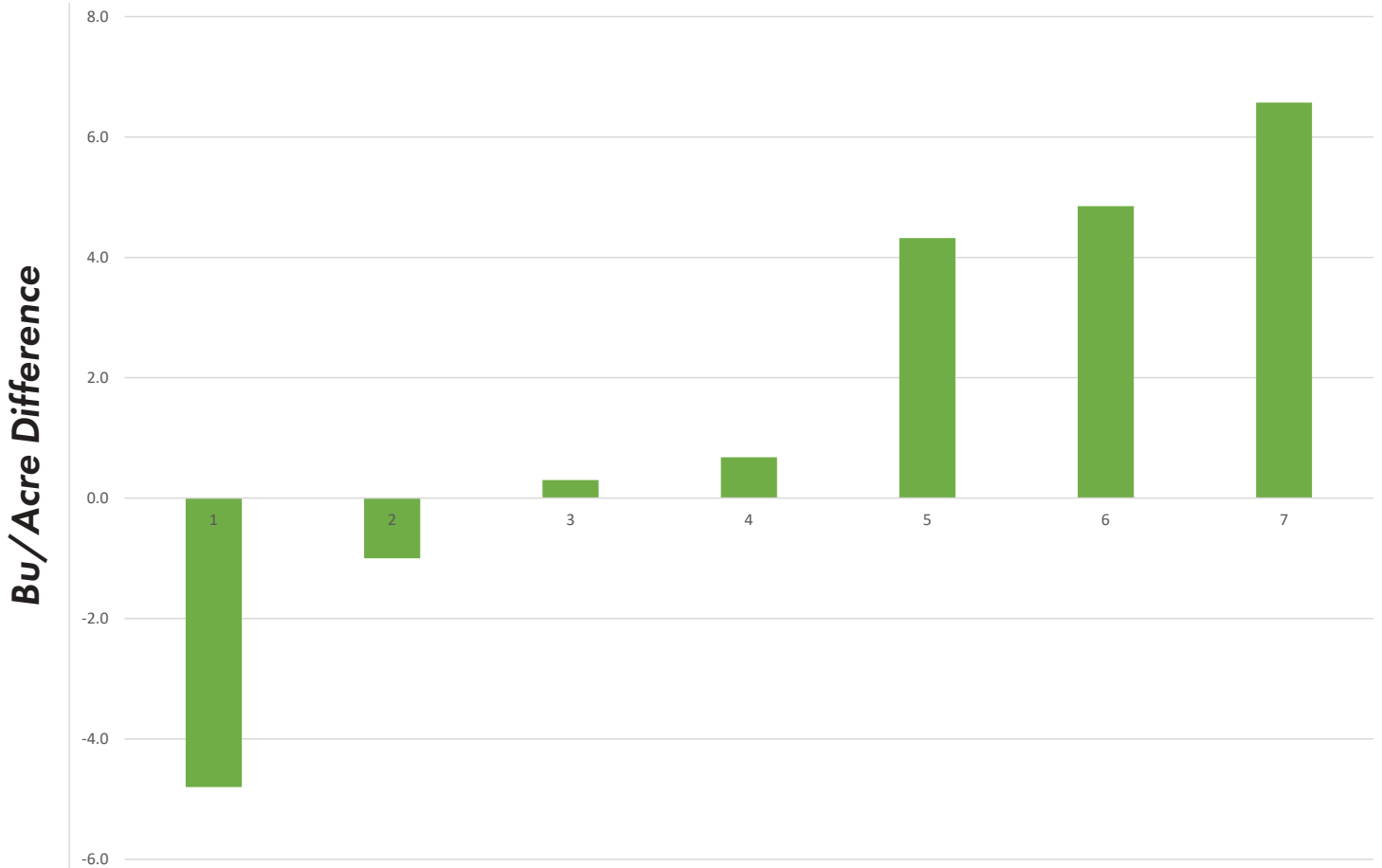
10
STATES



38
LOCATIONS

8.3 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

CORN
2024 DATA RESULTS



7
DATA POINTS



71%
POSITIVE
RESPONSE



3
STATES



4
LOCATIONS

3.4 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

2024 YIELDMASTER SOLUTIONS

ENVITA CORN GROWER TRIALS

OSAKIS, MN

LR 9199 VIP3110
SEED HYBRID

IN-FURROW
APPLICATION

CHECK		ENVITA
16.8 MOISTURE	vs	15.5 MOISTURE
57.0 TEST WEIGHT	vs	57.0 TEST WEIGHT
227.5 BU/ACRE	vs	227.8 BU/ACRE

0.3
BU/ACRE ADVANTAGE

NEW SALEM, ND

PB5302 RR
SEED HYBRID

N/A
APPLICATION

CHECK		ENVITA
13.4 MOISTURE	vs	12.9 MOISTURE
59.5 TEST WEIGHT	vs	59.5 TEST WEIGHT
101.3 BU/ACRE	vs	106.1 BU/ACRE

4.9
BU/ACRE ADVANTAGE

BALDWIN, WI

EXP24-9650
SEED HYBRID

FOLIAR
APPLICATION

CHECK		ENVITA
17.7 MOISTURE	vs	17.7 MOISTURE
54.5 TEST WEIGHT	vs	54.5 TEST WEIGHT
202.0 BU/ACRE	vs	206.3 BU/ACRE

4.3
BU/ACRE ADVANTAGE

BALDWIN, WI

EXP24-9639
SEED HYBRID

FOLIAR
APPLICATION

CHECK		ENVITA
17.5 MOISTURE	vs	17.6 MOISTURE
53.0 TEST WEIGHT	vs	53.7 TEST WEIGHT
170.3 BU/ACRE	vs	171.0 BU/ACRE

0.7
BU/ACRE ADVANTAGE

BALDWIN, WI

EXP24-0059
SEED HYBRID

FOLIAR
APPLICATION

CHECK		ENVITA
16.8 MOISTURE	vs	17.0 MOISTURE
57.6 TEST WEIGHT	vs	57.8 TEST WEIGHT
198.3 BU/ACRE	vs	204.8 BU/ACRE

6.6
BU/ACRE ADVANTAGE

Nutriquire[™] + terrasym[®]

COMBINING TWO POWERFUL PRODUCTS INTO ONE COMPLETE TECHNOLOGY

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.

ACRE MATCHMAKER

Soil pH above 7.3
or Below 6.5



Need for Overall
Plant Health
Improvement



High
Organic
Matter &
High CEC



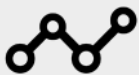
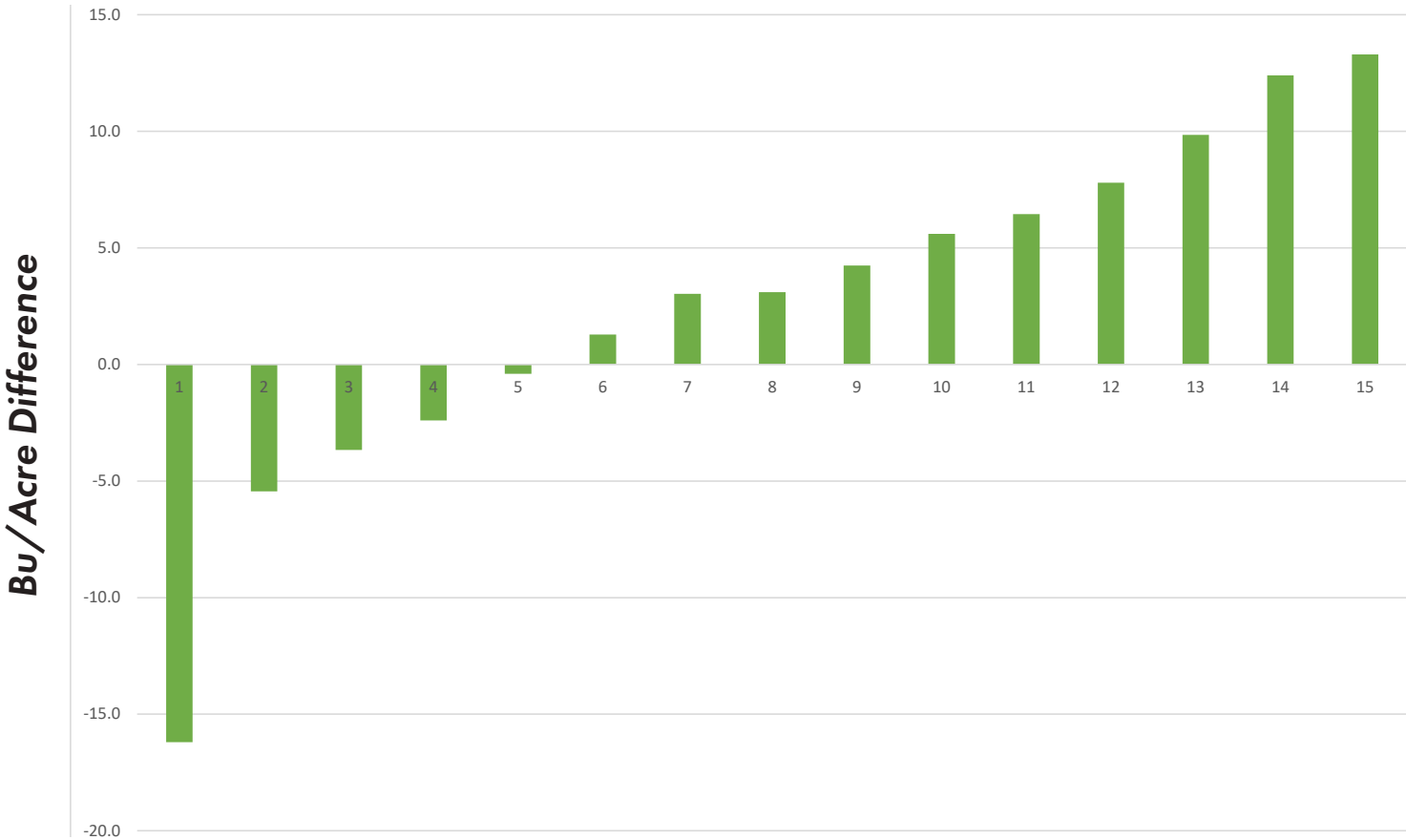
Low Organic
Matter & Low CEC



High levels of N,
P, of K in the soil



CORN
2024 DATA RESULTS



15
DATA POINTS



67%
POSITIVE
RESPONSE



4
STATES



13
LOCATIONS

6.7 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

NUTRIQUIRE + TERRASYM CORN GROWER TRIALS

HOFFMAN, MN

PB9392 SSRIB
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

14.5
MOISTURE

VS

14.4
MOISTURE

56.0
TEST WEIGHT

VS

57.0
TEST WEIGHT

163.9
BU/ACRE

VS

173.8
BU/ACRE

9.9
BU/ACRE ADVANTAGE

NORTHFIELD, MN

LR 9199 VIP3110
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

14.3
MOISTURE

VS

13.6
MOISTURE

58.0
TEST WEIGHT

VS

57.0
TEST WEIGHT

187.1
BU/ACRE

VS

188.3
BU/ACRE

1.3
BU/ACRE ADVANTAGE

OSAKIS, MN

LR 9199 VIP3110
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

23.5
MOISTURE

VS

24.0
MOISTURE

56.5
TEST WEIGHT

VS

56.0
TEST WEIGHT

227.5
BU/ACRE

VS

240.8
BU/ACRE

13.3
BU/ACRE ADVANTAGE

RENVILLE, MN

LR 9300 AA-A EZ
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

16.0
MOISTURE

VS

16.3
MOISTURE

59.5
TEST WEIGHT

VS

56.7
TEST WEIGHT

190.2
BU/ACRE

VS

198.0
BU/ACRE

7.8
BU/ACRE ADVANTAGE

ROTHSAY, MN

LR 9591 PCE RA
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

17.7
MOISTURE

VS

17.7
MOISTURE

58.0
TEST WEIGHT

VS

58.0
TEST WEIGHT

231.2
BU/ACRE

VS

235.4
BU/ACRE

4.2
BU/ACRE ADVANTAGE

UNDERWOOD, MN

PB9290 VT2P RIB
SEED HYBRID

PLANTER BOX
APPLICATION

CHECK

NUTRIQUIRE +
TERRASYM

16.6
MOISTURE

VS

17.0
MOISTURE

58.0
TEST WEIGHT

VS

58.0
TEST WEIGHT

211.0
BU/ACRE

VS

217.4
BU/ACRE

6.5
BU/ACRE ADVANTAGE

2024 YIELDMASTER SOLUTIONS

NUTRIQUIRE + TERRASYM CORN

GROWER TRIALS

BEULAH, ND		NEW ENGLAND, ND		NEW ENGLAND, ND	
CROPLAN 2585 VT2P SEED HYBRID		PB9778 VT2P RIB SEED HYBRID		PB9778 VT2P RIB SEED HYBRID	
PLANTER BOX APPLICATION		PLANTER BOX APPLICATION		PLANTER BOX APPLICATION	
CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM
15.0 MOISTURE	vs 16.1 MOISTURE	11.4 MOISTURE	vs 12.1 MOISTURE	11.4 MOISTURE	vs 12.1 MOISTURE
58.0 TEST WEIGHT	vs 59.1 TEST WEIGHT	60.0 TEST WEIGHT	vs 59.5 TEST WEIGHT	60.0 TEST WEIGHT	vs 59.5 TEST WEIGHT
80.1 BU/ACRE	vs 92.5 BU/ACRE	74.9 BU/ACRE	vs 77.9 BU/ACRE	74.9 BU/ACRE	vs 78.0 BU/ACRE
12.4 BU/ACRE ADVANTAGE		3.0 BU/ACRE ADVANTAGE		3.1 BU/ACRE ADVANTAGE	

HURON, SD	
P9624Q SEED HYBRID	
PLANTER BOX APPLICATION	
CHECK	NUTRIQUIRE + TERRASYM
16.0 MOISTURE	vs 16.1 MOISTURE
55.9 TEST WEIGHT	vs 57.1 TEST WEIGHT
168.1 BU/ACRE	vs 173.7 BU/ACRE
5.6 BU/ACRE ADVANTAGE	

We included a side-by-side trial in our plot this year using Nutriquire+Terrasym. The treated went +15.8 bushels. WOW! That’s real ROI!

- John Herriges
 Allenton, WI

Terrasym 450 + DUST + TS201

IMPACT ON THE PLANT

MORE COVERAGE

The DUST carrier provides 10x more live cells per seed compared to traditional product applications

IMPROVED SOIL NUTRIENT UPTAKE

Microbes within Terrasym450 + DUST + TS201 release siderophores that attach to the micronutrients and deliver to the plant

PROMOTES INDUCED SYSTEMIC RESISTANCE

Terrasym 450 + DUST + TS201 triggers a mobile signal that turns on defense responses in the plant that provide protection from later insect infection

SEASON-LONG BIOCONTROL

Stimulates regrowth of insect damaged roots

ACRE MATCHMAKER

Prior Corn Root
Worm Pressure



Corn on Corn
Acres



Mild Winter
Prior to
Spring



Soybean to Corn
Rotated Ground



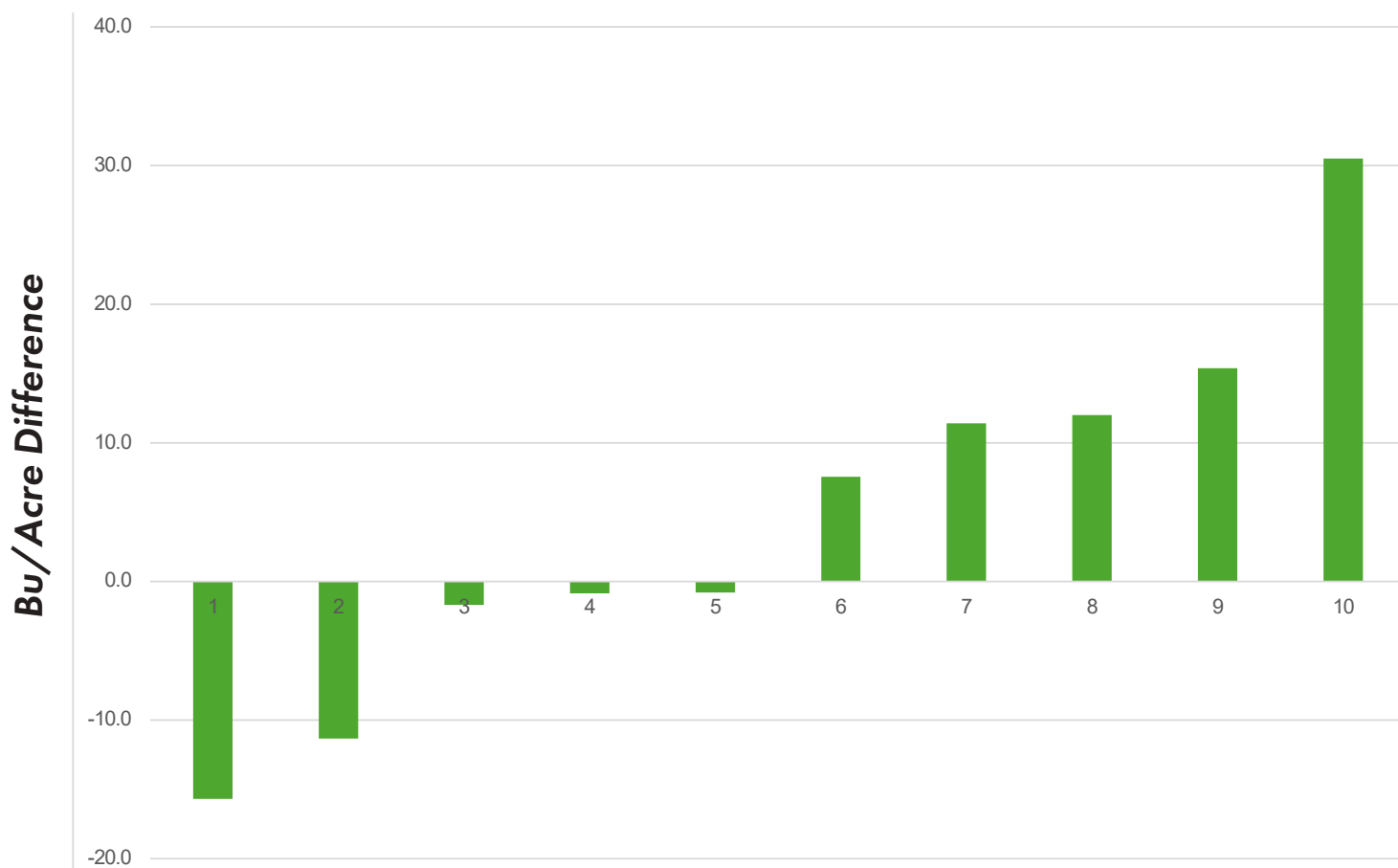
Used in
Conjunction with
Traited Corn



CORN

MULTI-YEAR DATA RESULTS

Terrasym 450 + DUST + TS201



10
DATA POINTS



50%
POSITIVE
RESPONSE



2
STATES



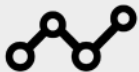
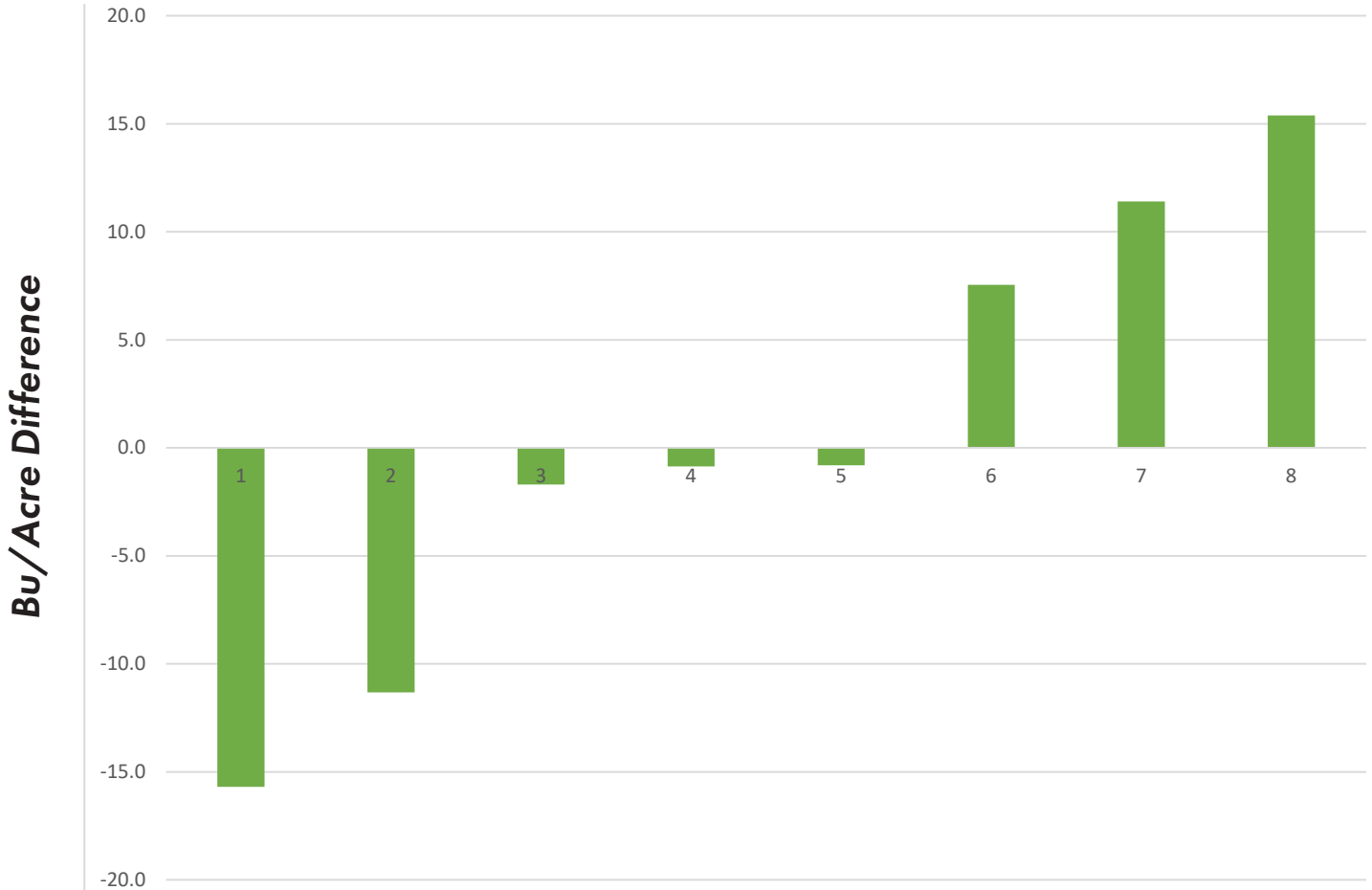
6
LOCATIONS

13.5 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

CORN

2024 DATA RESULTS

Terrasym 450 + DUST + TS201



8

DATA POINTS



38%

POSITIVE
RESPONSE



2

STATES



5

LOCATIONS

11.5 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

2024 YIELDMASTER SOLUTIONS

TERRASYM 450 + DUST + TS201

CORN GROWER TRIALS

NORTHFIELD, MN		OSAKIS, MN		BALDWIN, WI	
LR 9199 VIP3110 SEED HYBRID		LR 9199 VIP3110 SEED HYBRID		LR 9489 AA EZ SEED HYBRID	
PLANTER BOX APPLICATION		PLANTER BOX APPLICATION		PLANTER BOX APPLICATION	
CHECK	TERRASYM 450 + DUST + TS201	CHECK	TERRASYM 450 + DUST + TS201	CHECK	TERRASYM 450 + DUST + TS201
14.3 MOISTURE	vs 14.0 MOISTURE	23.5 MOISTURE	vs 24.8 MOISTURE	16.3 MOISTURE	vs 15.2 MOISTURE
58.0 TEST WEIGHT	vs 58.0 TEST WEIGHT	56.5 TEST WEIGHT	vs 55.5 TEST WEIGHT	53.8 TEST WEIGHT	vs 54.9 TEST WEIGHT
187.1 BU/ACRE	vs 194.6 BU/ACRE	227.5 BU/ACRE	vs 238.9 BU/ACRE	148.6 BU/ACRE	vs 164.0 BU/ACRE
7.6 BU/ACRE ADVANTAGE		11.4 BU/ACRE ADVANTAGE		15.4 BU/ACRE ADVANTAGE	

Our field with Terrasym450 + DUST + TS201 looked good all season. The field got hit with smaller hail mid July, and still yielded better than expected with late season tar spot. Plus went straight into the bin at 16%.

- Isaac Holst
Kellogg, MN



SOYBEANS



UNLOCK YOUR SOIL'S POTENTIAL

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

ACRE MATCHMAKER

High or Low pH Soils



Apply with Fertilizer



Late Foliar Application



Heavy Manure Ground

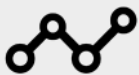
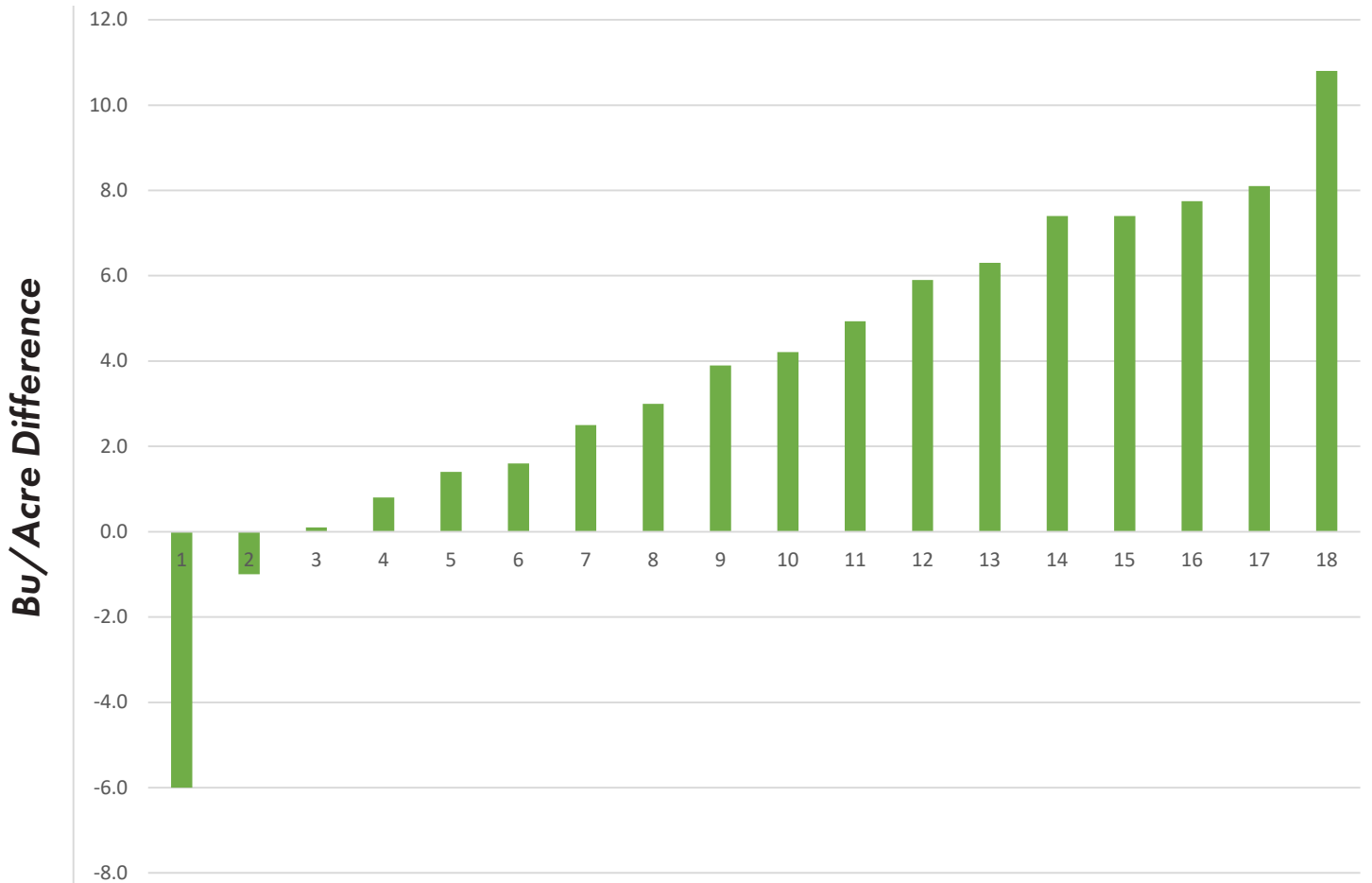


Sandy Soil/ Low CEC



SOYBEAN

MULTI-YEAR DATA RESULTS



18
DATA POINTS



88%
POSITIVE
RESPONSE



3
STATES

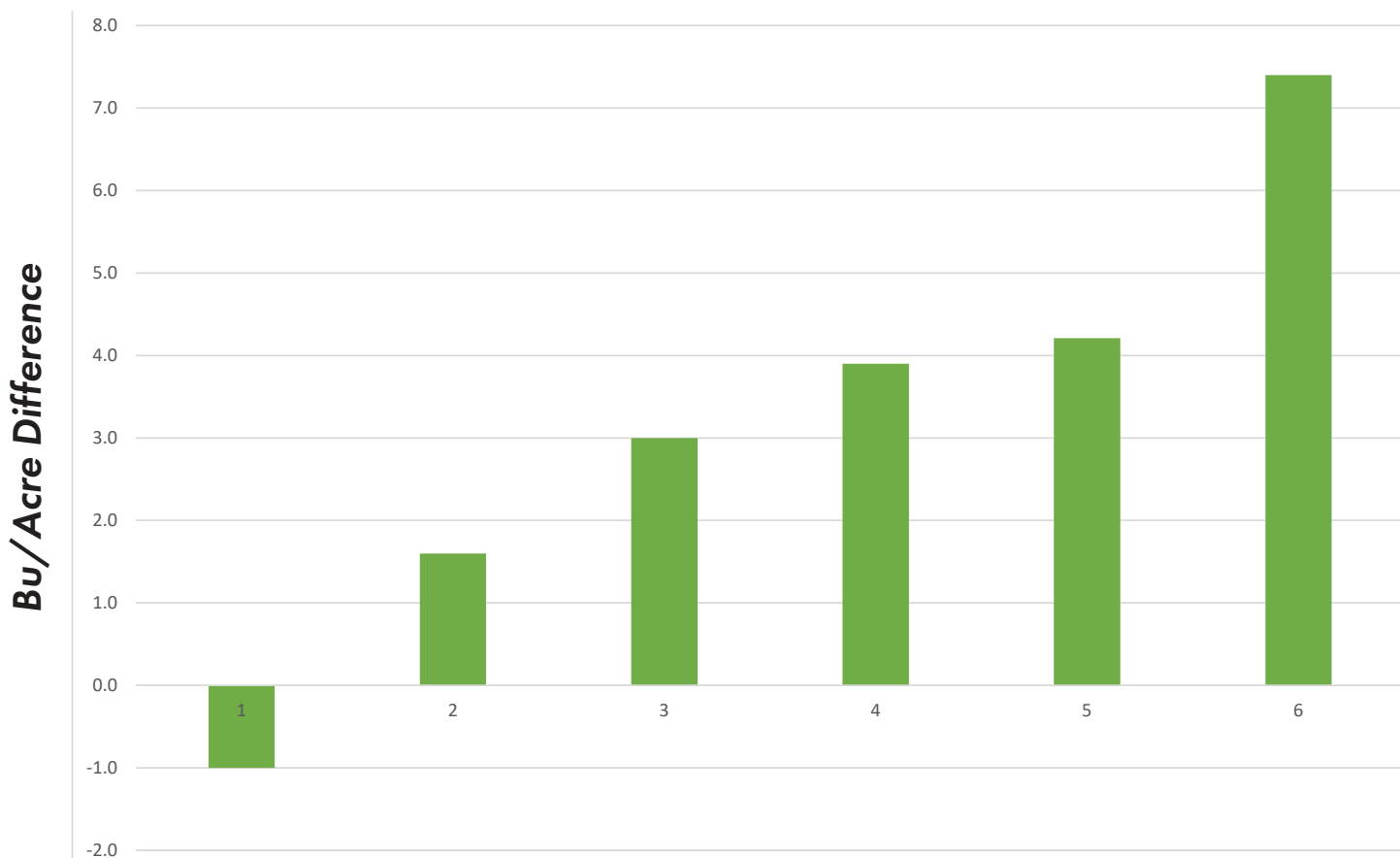


9
LOCATIONS

5.1 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

SOYBEAN

2024 DATA RESULTS



6

DATA POINTS



83%

POSITIVE
RESPONSE



2

STATES



5

LOCATIONS

5.0 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

NUTRIQUIRE SOYBEAN GROWER TRIALS

NORTHFIELD, MN

19E173N
SEED VARIETY

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

11.9
MOISTURE

VS

10.3
MOISTURE

59.5
TEST WEIGHT

VS

59.7
TEST WEIGHT

59.8
BU/ACRE

VS

63.7
BU/ACRE

3.9
BU/ACRE ADVANTAGE

OSAKIS, MN

19E173N
SEED VARIETY

IN-FURROW
APPLICATION

CHECK

NUTRIQUIRE

10.0
MOISTURE

VS

9.8
MOISTURE

58.0
TEST WEIGHT

VS

58.0
TEST WEIGHT

64.6
BU/ACRE

VS

66.2
BU/ACRE

1.6
BU/ACRE ADVANTAGE

STEWART CO, GA

AG 72
SEED VARIETY

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

N/A
MOISTURE

VS

N/A
MOISTURE

N/A
TEST WEIGHT

VS

N/A
TEST WEIGHT

53.6
BU/ACRE

VS

59.4
BU/ACRE

5.8
BU/ACRE ADVANTAGE

STEWART CO, GA

14E152N
SEED VARIETY

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

N/A
MOISTURE

VS

N/A
MOISTURE

N/A
TEST WEIGHT

VS

N/A
TEST WEIGHT

47.9
BU/ACRE

VS

57.3
BU/ACRE

9.4
BU/ACRE ADVANTAGE

BALDWIN, WI

19E173N
SEED VARIETY

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

10.8
MOISTURE

VS

10.7
MOISTURE

61.2
TEST WEIGHT

VS

60.2
TEST WEIGHT

54.4
BU/ACRE

VS

57.4
BU/ACRE

3.0
BU/ACRE ADVANTAGE

CUSHING, WI

14E152N
SEED VARIETY

FOLIAR
APPLICATION

CHECK

NUTRIQUIRE

12.8
MOISTURE

VS

13.4
MOISTURE

55.7
TEST WEIGHT

VS

56.1
TEST WEIGHT

30.9
BU/ACRE

VS

35.1
BU/ACRE

4.2
BU/ACRE ADVANTAGE

CUSHING, WI

14E152N
SEED VARIETY

FOLIAR
APPLICATION

CHECK

12.8

MOISTURE

55.7

TEST WEIGHT

30.9

BU/ACRE

NUTRIQUIRE

13.3

MOISTURE

56.5

TEST WEIGHT

38.3

BU/ACRE

7.4

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*

en^{vi}ta[®]

IMPACT ON THE PLANT

EASY TO APPLY

A wide range of application methods

IMPROVED NUTRIENT UPTAKE

Overall plant nutrient efficiency, availability, and uptake

INCREASE IN P & K AVAILABILITY

Improves phosphorous and potassium availability

VERSATILITY

Longer shelf life and versatility of application

NITROGEN AVAILABILITY

Nutriquire converts soil N to plant available forms quicker allowing for less nutrient run off and improved plant availability

ACRE MATCHMAKER

Low pH Soils



Compacted Soil



Double Crop Soybeans



Drought Stress/
Sandy Soils

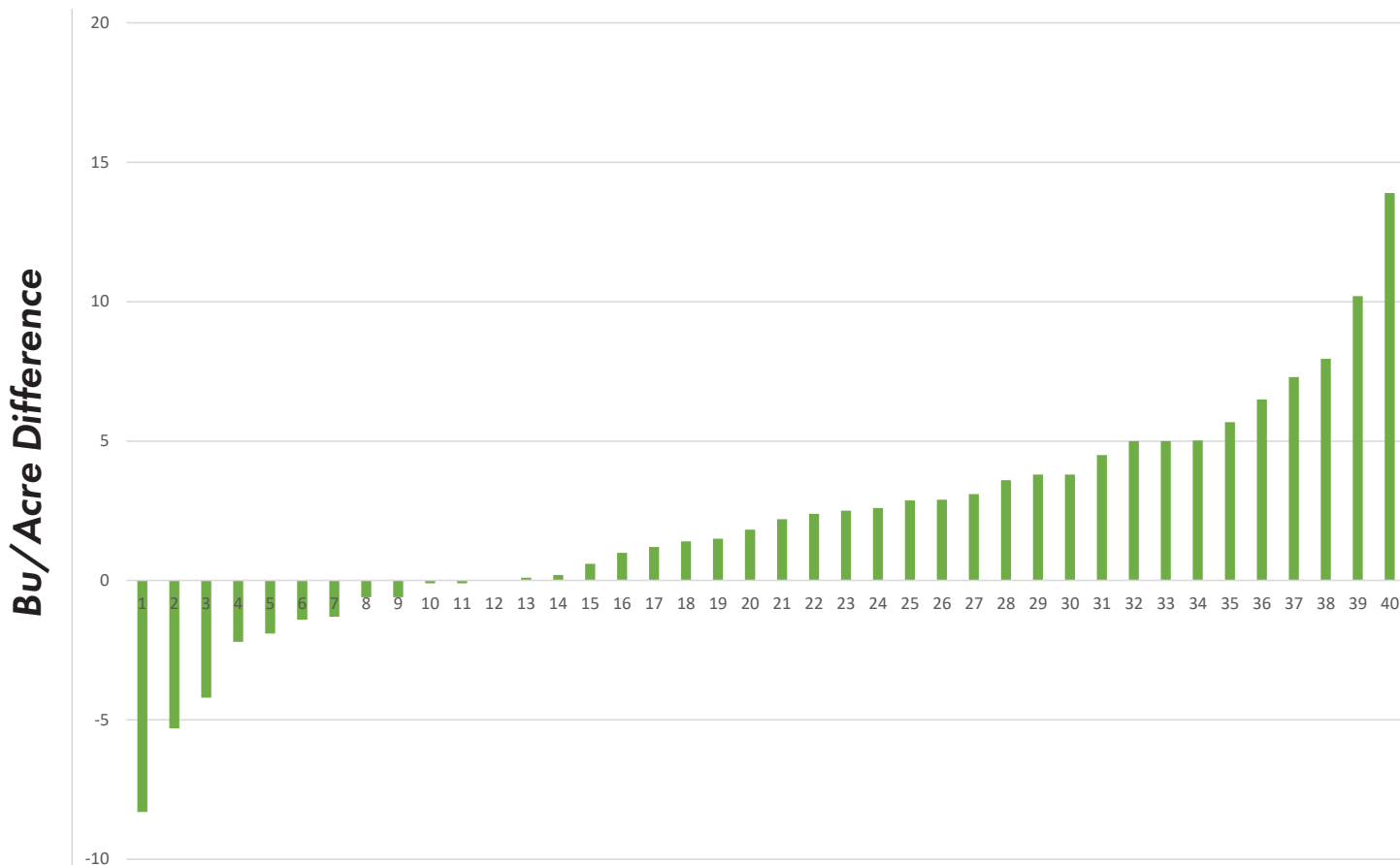


Unfavorable
Pod-Fill Conditions



SOYBEAN

MULTI-YEAR DATA RESULTS



40
DATA POINTS



72%
POSITIVE
RESPONSE



3
STATES

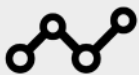
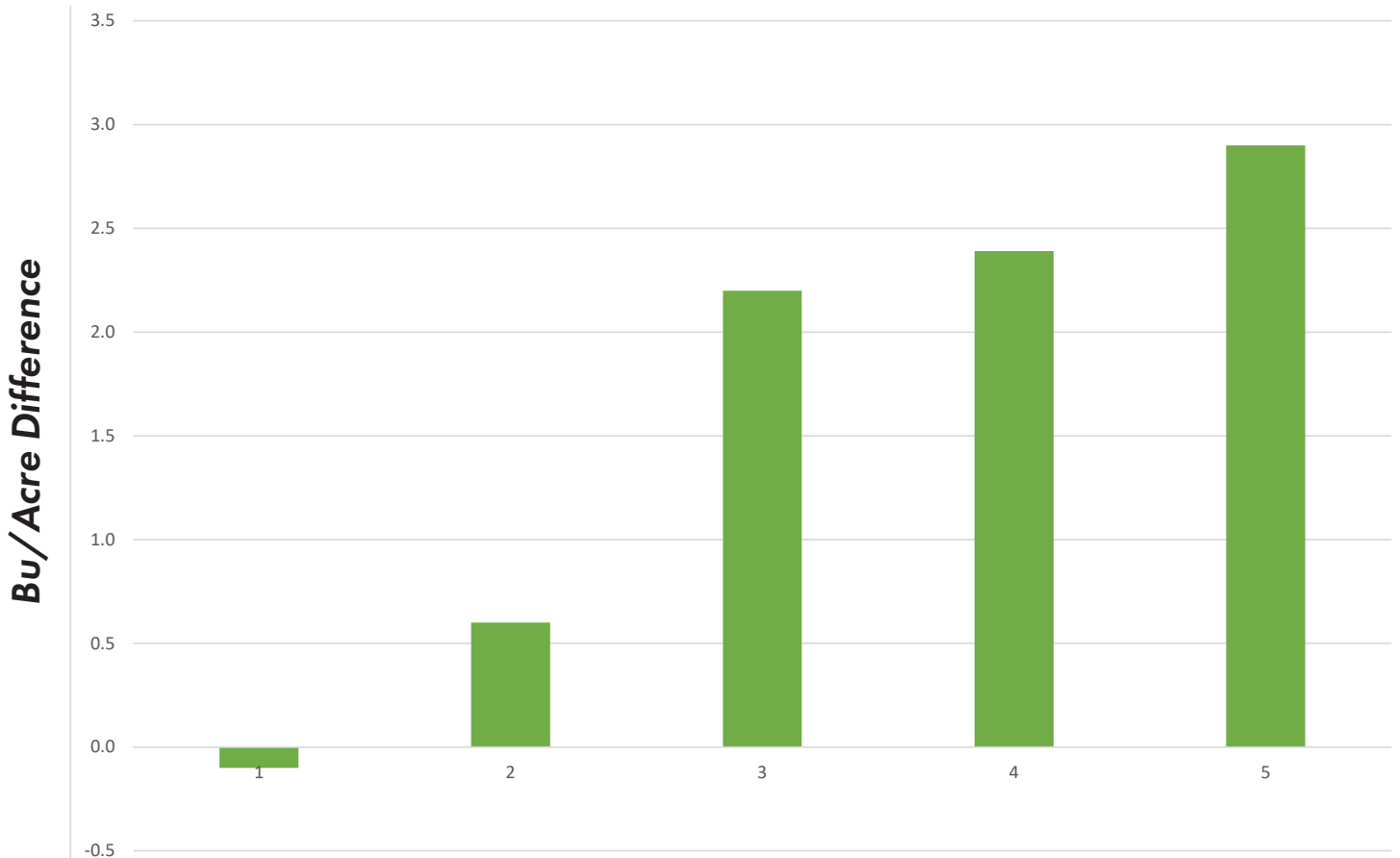


11
LOCATIONS

3.7 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

SOYBEAN

2024 DATA RESULTS



5

DATA POINTS



80%

POSITIVE
RESPONSE



2

STATES



5

LOCATIONS

2.0 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

2024 YIELDMASTER SOLUTIONS

ENVITA SOYBEAN GROWER TRIALS

FAIRFAX, MN		NORTHFIELD, MN		OSAKIS, MN	
19E173N SEED VARIETY	FOLIAR APPLICATION	19E173N SEED VARIETY	FOLIAR APPLICATION	19E173N SEED VARIETY	IN-FURROW APPLICATION
CHECK	ENVITA	CHECK	ENVITA	CHECK	ENVITA
11.0 MOISTURE	vs 10.3 MOISTURE	11.9 MOISTURE	vs 10.6 MOISTURE	10.0 MOISTURE	vs 10.2 MOISTURE
54.3 TEST WEIGHT	vs 53.6 TEST WEIGHT	59.5 TEST WEIGHT	vs 60.5 TEST WEIGHT	58.0 TEST WEIGHT	vs 57.5 TEST WEIGHT
55.6 BU/ACRE	vs 58.5 BU/ACRE	59.8 BU/ACRE	vs 62.0 BU/ACRE	64.6 BU/ACRE	vs 65.2 BU/ACRE
2.9 BU/ACRE ADVANTAGE		2.2 BU/ACRE ADVANTAGE		0.6 BU/ACRE ADVANTAGE	

CUSHING, WI	
14E152N SEED VARIETY	FOLIAR APPLICATION
CHECK	ENVITA
12.8 MOISTURE	vs 13.0 MOISTURE
55.7 TEST WEIGHT	vs 56.1 TEST WEIGHT
30.9 BU/ACRE	vs 33.3 BU/ACRE
2.4 BU/ACRE ADVANTAGE	

Used Envita on my soybeans. The Envita treated beans yielded better and appeared healthier than the nontreated soybeans.

- Elgin, NE

Nutriquire[™] + terrasym[®]

COMBINING TWO POWERFUL PRODUCTS INTO ONE COMPLETE TECHNOLOGY

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.

ACRE MATCHMAKER

Soil pH above 7.3
or Below 6.5



Micronutrient tie
up in soil



High
Organic
Matter &
High CEC



Low Organic
Matter & Low CEC

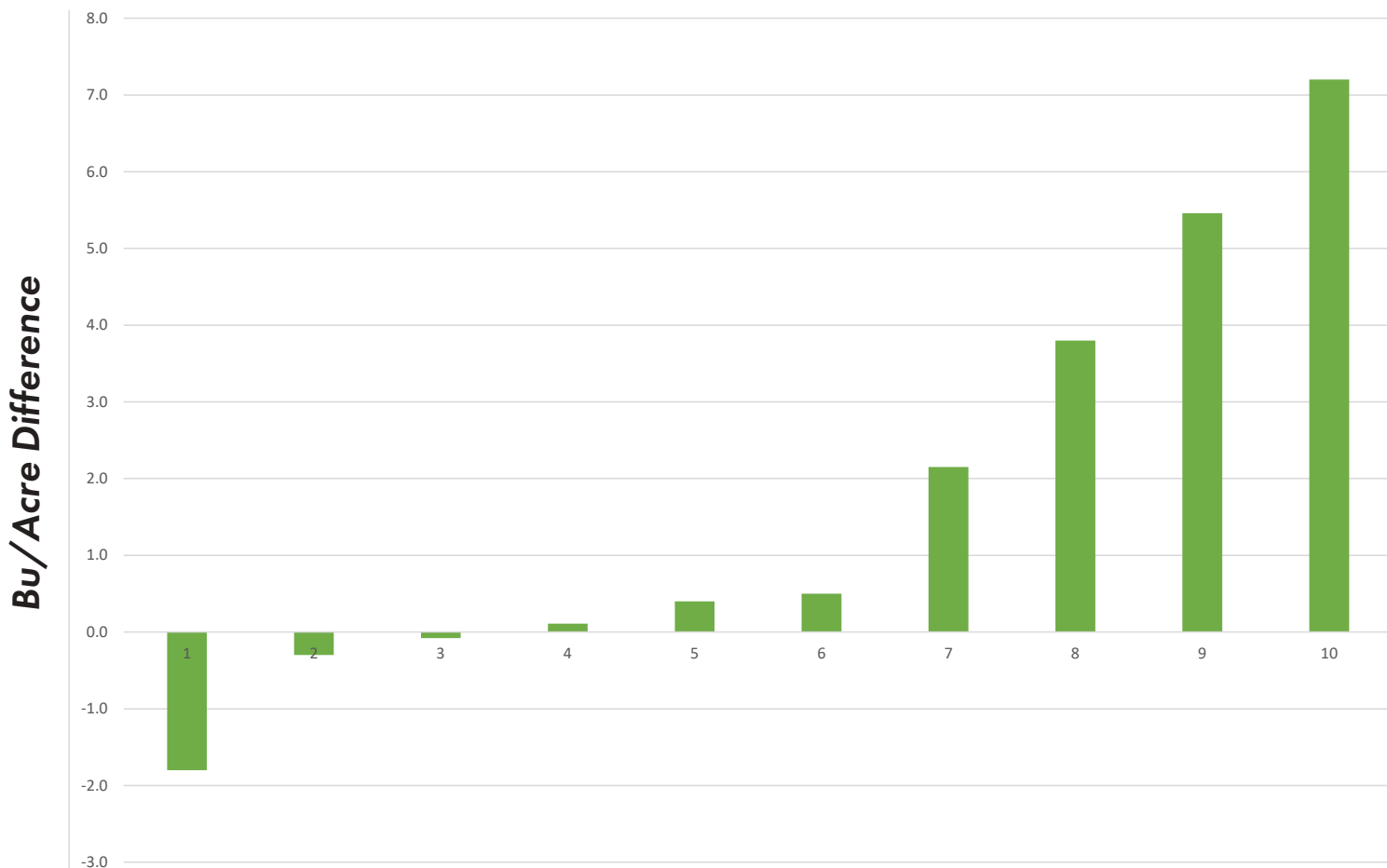


Prone to Iron
Deficiency
Chlorosis



SOYBEAN

2024 DATA RESULTS



10
DATA POINTS



70%
POSITIVE
RESPONSE



3
STATES



8
LOCATIONS

2.8 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

2024 YIELDMASTER SOLUTIONS

NUTRIQUIRE + TERRASYM SOYBEAN

GROWER TRIALS

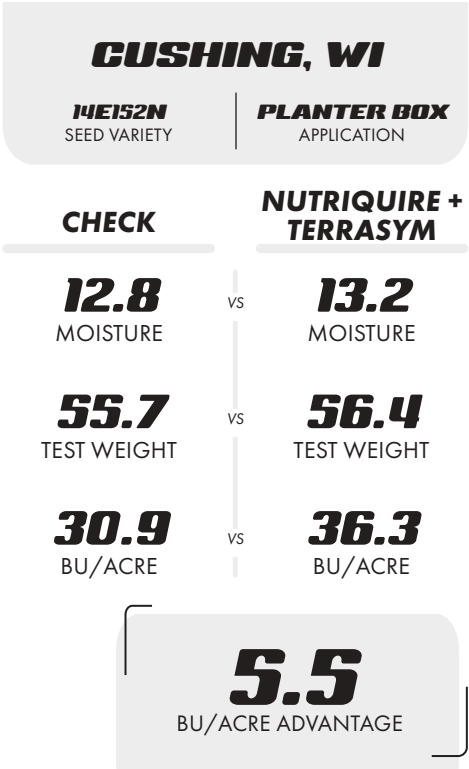
FAIRFAX, MN		PAYNESVILLE, MN		ROTHSAY, MN	
19E173N SEED VARIETY	PLANTER BOX APPLICATION	7515XF SEED VARIETY	PLANTER BOX APPLICATION	09E345N SEED VARIETY	PLANTER BOX APPLICATION
CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM
11.0 MOISTURE	vs 10.4 MOISTURE	8.8 MOISTURE	vs 8.7 MOISTURE	9.1 MOISTURE	vs 8.9 MOISTURE
54.3 TEST WEIGHT	vs 56.0 TEST WEIGHT	57.0 TEST WEIGHT	vs 58.0 TEST WEIGHT	58.0 TEST WEIGHT	vs 50.7 TEST WEIGHT
55.6 BU/ACRE	vs 56.0 BU/ACRE	48.2 BU/ACRE	vs 55.4 BU/ACRE	50.5 BU/ACRE	vs 50.6 BU/ACRE
0.4 BU/ACRE ADVANTAGE		7.2 BU/ACRE ADVANTAGE		0.1 BU/ACRE ADVANTAGE	

ROTHSAY, MN		ROTHSAY, MN		BALDWIN, WI	
N/A SEED VARIETY	PLANTER BOX APPLICATION	11E453N SEED VARIETY	PLANTER BOX APPLICATION	19E173N SEED VARIETY	PLANTER BOX APPLICATION
CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM	CHECK	NUTRIQUIRE + TERRASYM
8.6 MOISTURE	vs 8.8 MOISTURE	9.5 MOISTURE	vs 9.2 MOISTURE	10.8 MOISTURE	vs 10.8 MOISTURE
58.0 TEST WEIGHT	vs 58.0 TEST WEIGHT	55.0 TEST WEIGHT	vs 55.0 TEST WEIGHT	61.2 TEST WEIGHT	vs 59.8 TEST WEIGHT
49.9 BU/ACRE	vs 50.4 BU/ACRE	49.5 BU/ACRE	vs 51.6 BU/ACRE	54.4 BU/ACRE	vs 58.2 BU/ACRE
0.5 BU/ACRE ADVANTAGE		2.2 BU/ACRE ADVANTAGE		3.8 BU/ACRE ADVANTAGE	

2024 YIELDMASTER SOLUTIONS

NUTRIQUIRE + TERRASYM SOYBEAN

GROWER TRIALS



Soy_{fx}TM

TAKE YOUR YIELD TO THE NEXT BRANCH

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 Soy_{fx} modulate pH throughout the day reducing plant stress and ethylene production.

ADDITIONAL BRANCHING

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

ACRE MATCHMAKER

Seed Coat
Capable



Group 2+ Variety
Soybeans



Heat &
Drought
Stressed
Areas



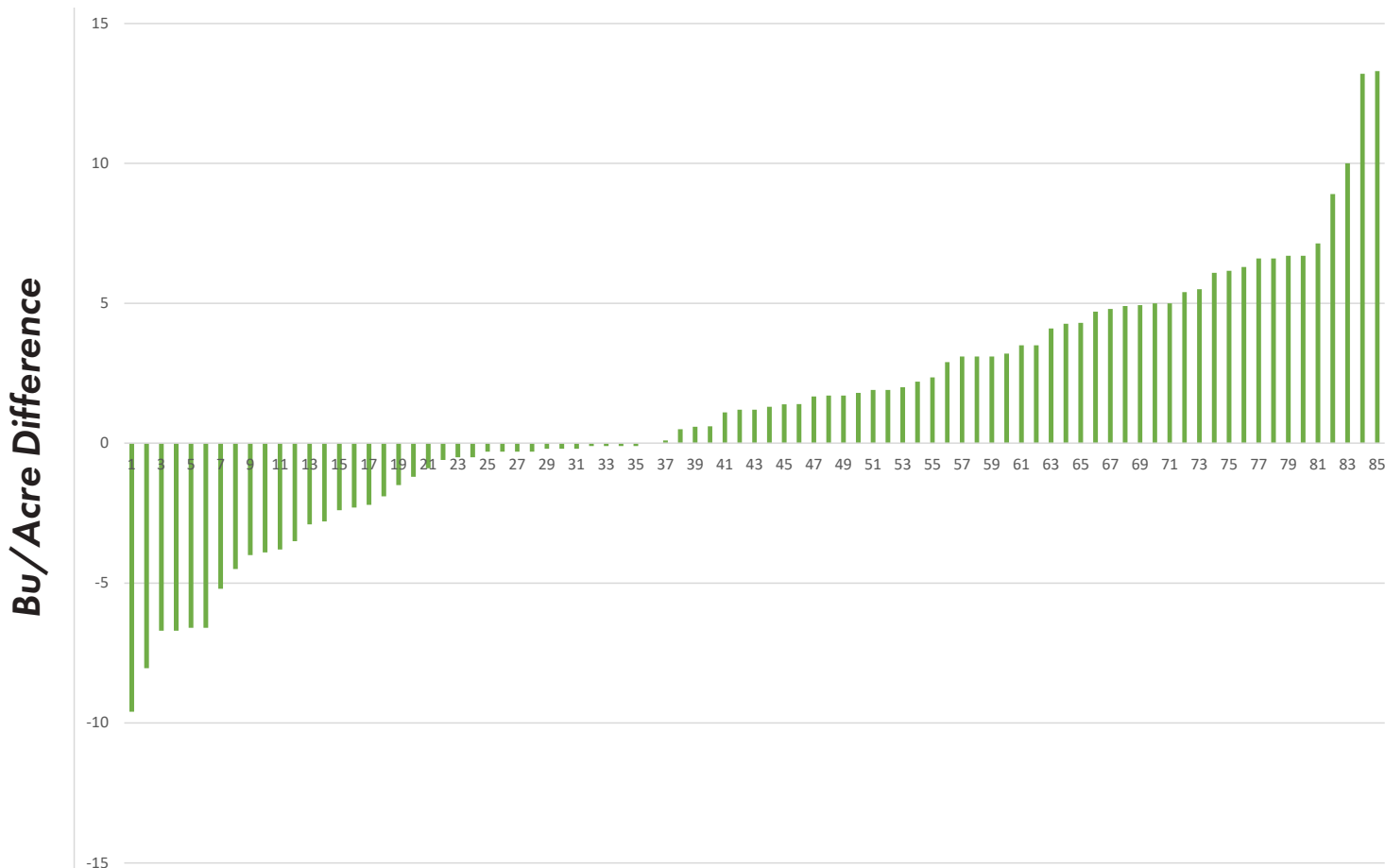
High
Management
Fertility



SOYBEAN

MULTI-YEAR DATA RESULTS

Soyfx™



86
DATA POINTS



59%
POSITIVE
RESPONSE



5
STATES



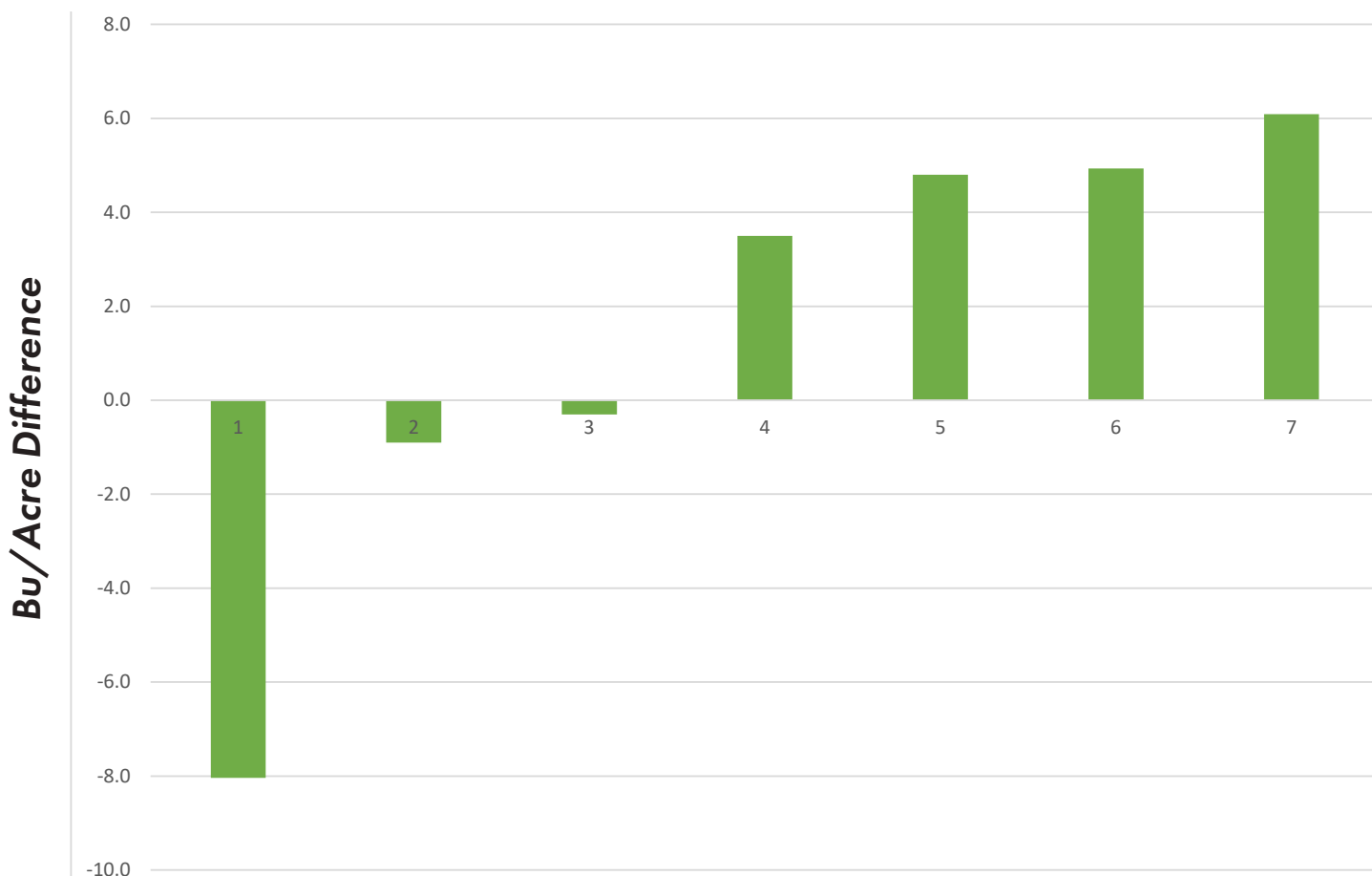
27
LOCATIONS

4.0 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

SOYBEAN

2024 DATA RESULTS

Soy^{fx}™



7

DATA POINTS



57%

POSITIVE
RESPONSE



3

STATES



7

LOCATIONS

4.8 BU/ACRE
AVERAGE INCREASE WHEN POSITIVE

2024 YIELDMASTER SOLUTIONS

SOY_{FX} SOYBEAN TRIALS

FAIRFAX, MN		WAHPETON, ND		BALDWIN, WI	
19E173N SEED VARIETY	SEED COAT APPLICATION	09E345N SEED VARIETY	SEED COAT APPLICATION	19E173N SEED VARIETY	SEED COAT APPLICATION
CHECK	SOY _{FX}	CHECK	SOY _{FX}	CHECK	SOY _{FX}
11.0 MOISTURE	vs 10.7 MOISTURE	8.7 MOISTURE	vs 8.5 MOISTURE	10.8 MOISTURE	vs 10.8 MOISTURE
54.3 TEST WEIGHT	vs 55.7 TEST WEIGHT	57.1 TEST WEIGHT	vs 57.4 TEST WEIGHT	61.2 TEST WEIGHT	vs 59.2 TEST WEIGHT
55.6 BU/ACRE	vs 60.4 BU/ACRE	54.4 BU/ACRE	vs 59.4 BU/ACRE	54.4 BU/ACRE	vs 57.9 BU/ACRE
4.8 BU/ACRE ADVANTAGE		4.9 BU/ACRE ADVANTAGE		3.5 BU/ACRE ADVANTAGE	

CUSHING, WI	
14E152N SEED VARIETY	SEED COAT APPLICATION
CHECK	SOY _{FX}
12.8 MOISTURE	vs 13.1 MOISTURE
55.7 TEST WEIGHT	vs 56.4 TEST WEIGHT
30.9 BU/ACRE	vs 37.0 BU/ACRE
6.1 BU/ACRE ADVANTAGE	

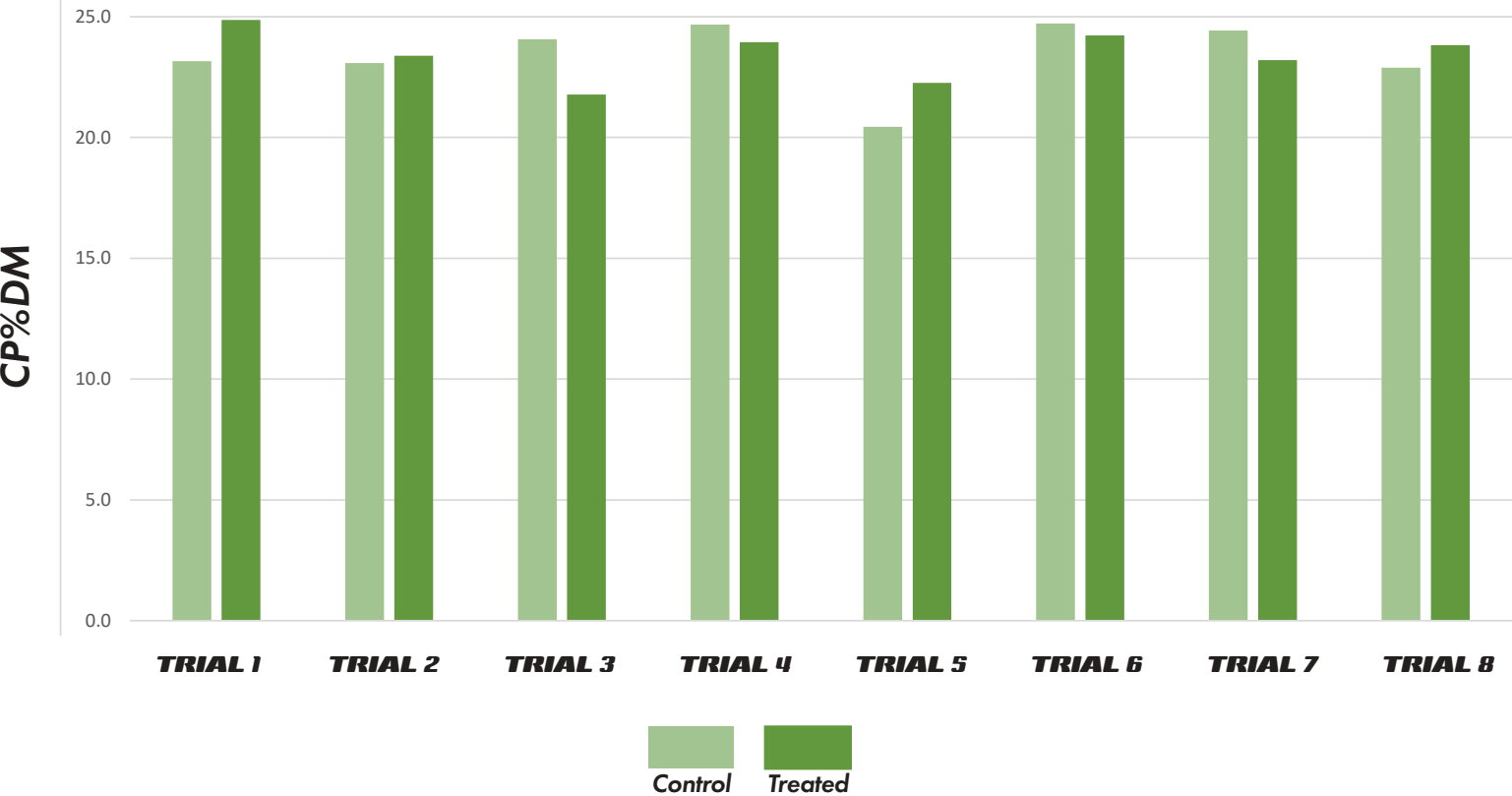
Soy_{fx} is crazy! This field was located in sandy dunes and was hailed on three different times. The crop adjuster came out and said the stems were very dry and bruised, the field was almost total lost. Due to Soy_{fx}, when we finally got the combine in there, the field yielded above average!

- Mike Osland
Storden, MN

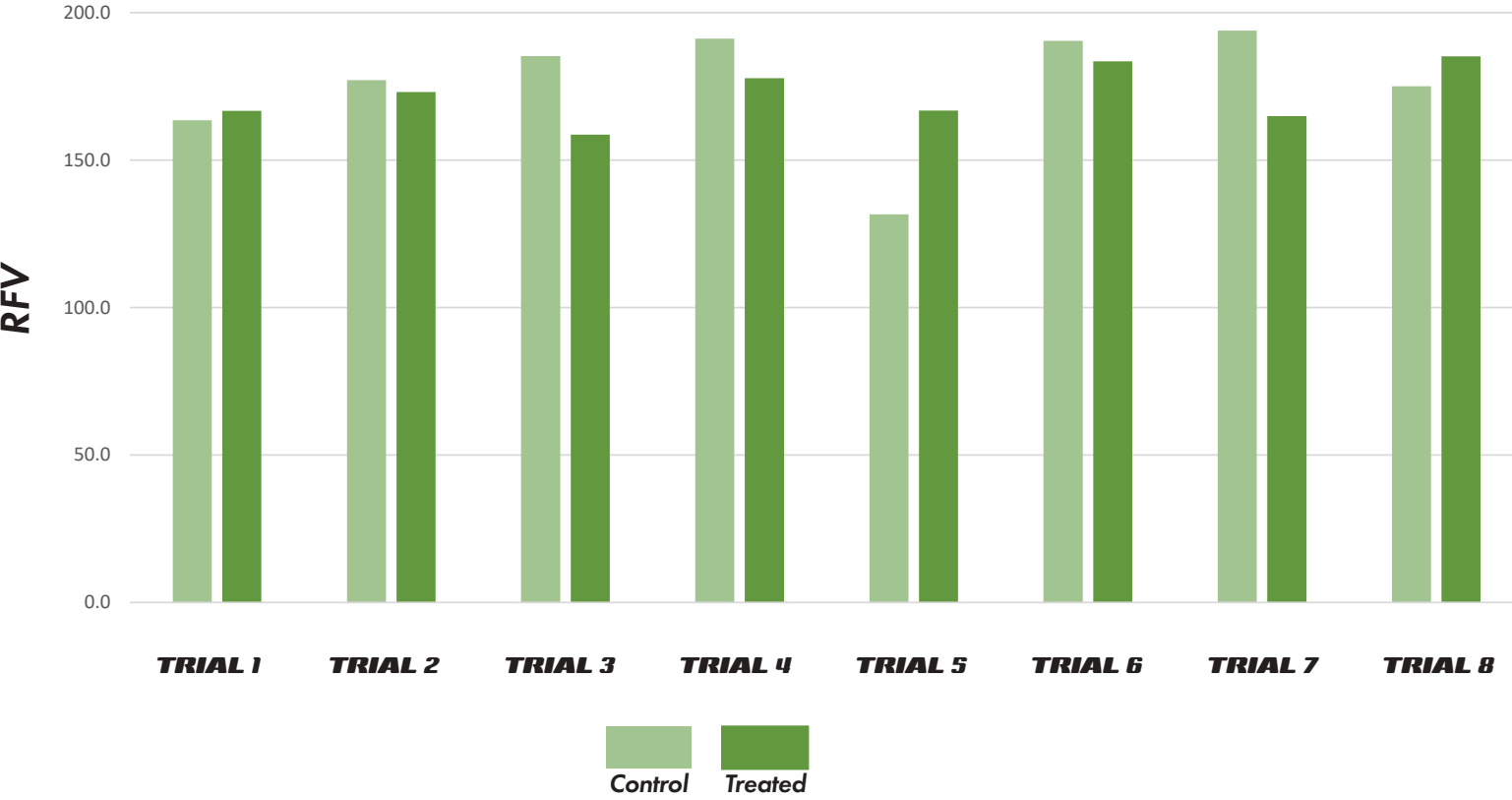


SPECIALTY PRODUCTS

ALFALFA
PROTEIN TRIAL DATA



ALFALFA
RFV TRIAL DATA





YieldMaster[™]
SOLUTIONS^{LLC}

PO BOX 198 • DE SMET, SD 57231 • 605-860-8534 • YIELDMASTERSOLUTIONS.COM •     