

Integrated
SEED SOLUTIONS

2023 Harvest Results



Amplify
YIELD ENHANCEMENT TECHNOLOGY

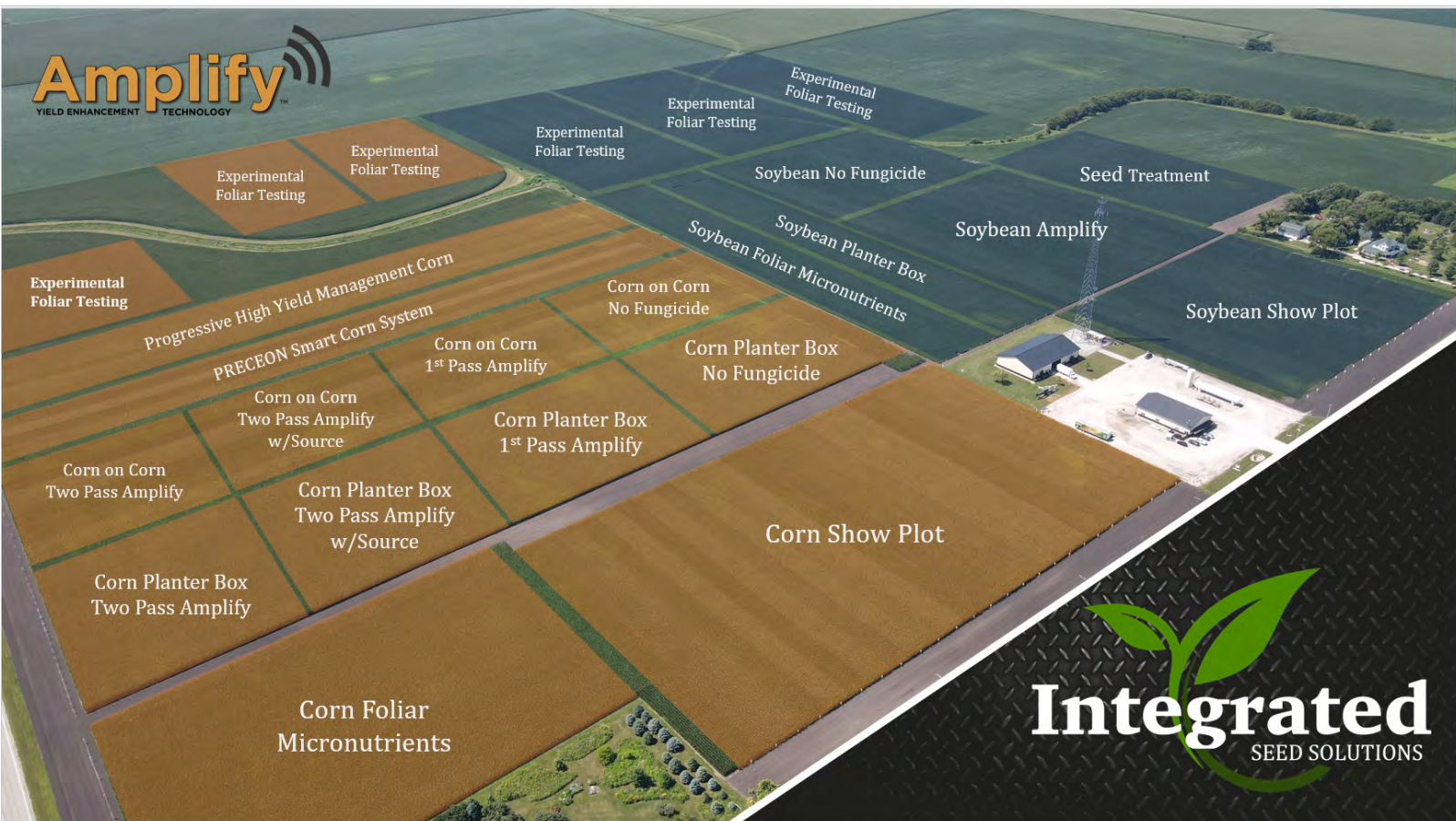
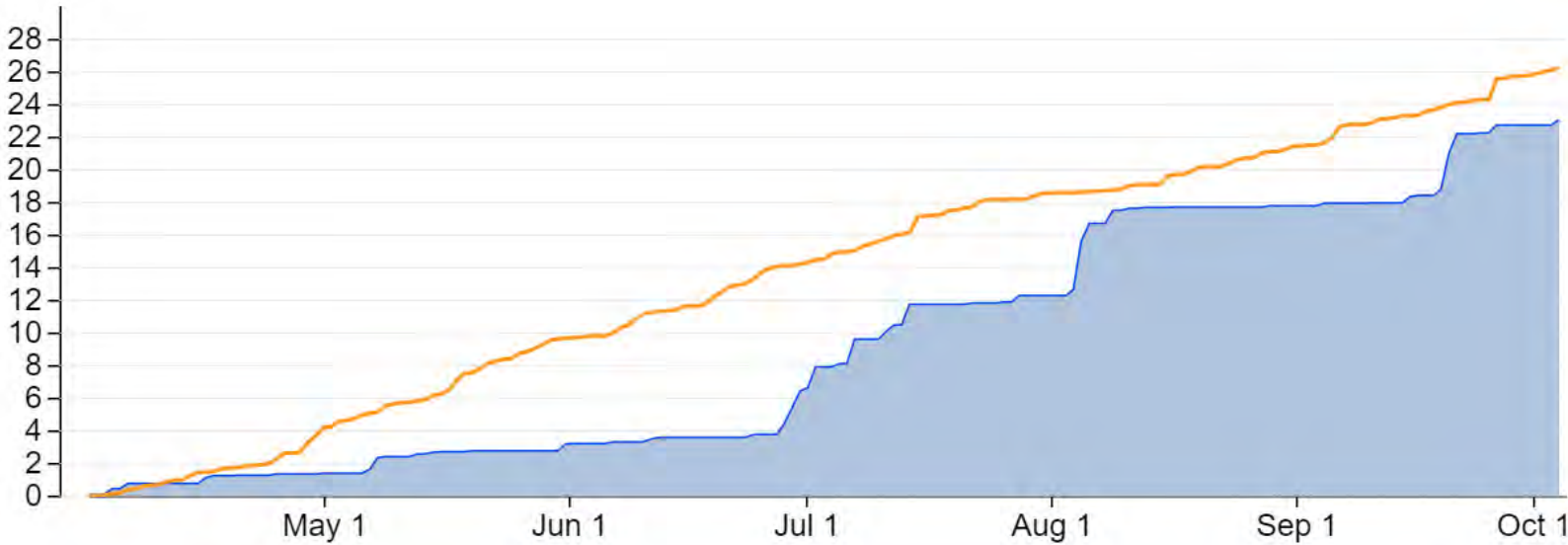


2023 SEASON OVERVIEW

Flanagan, IL On-Farm Research Site Overview

Accumulated Precipitation

— 5 Year Average Rainfall
— 2023 Rainfall Total



CORN HARVEST RESULTS

Ripp Farms LLC
Lodi, Wisconsin
Dane County

Planted: 5/16/2023
Harvested: 11/2/2023
Corn on Corn Rotation

[Scan QR Code for a Virtual Harvest Tour!](#)



Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
WYFFELS W2198RIB	SSTX	97	249.1	21.7	\$1,037.61	15	15
WYFFELS W1758RIB	SSTX	101	265.8	21.3	\$1,112.21	11	3
JUNG 48SS443	SSTX	95	294.1	20.1	\$1,248.65	1	1
JUNG 49SP453	SSTX Pro	99	273.1	21.3	\$1,143.13	2	2
JUNG 51SP513	SSTX Pro	101	265.8	26.6	\$1,042.01	10	13
JUNG 51FP504	VT4P	101	268.0	25.6	\$1,064.02	9	11
JUNG 53SS534	SSTX	103	270.7	24.6	\$1,088.07	4	5
JUNG 54SP533	SSTX Pro	104	262.1	25.6	\$1,040.52	12	14
DAIRYLAND 3601Q	QROME	96	255.0	23	\$1,045.61	14	12
DAIRYLAND 4014Q	QROME	100	268.6	24.8	\$1,077.04	6	10
DAIRYLAND 4003Q	QROME	100	268.5	22.7	\$1,105.01	7	4
DAIRYLAND 4365V	VORCEED	103	270.7	25	\$1,082.93	3	8
PIONEER P0075Q	QROME	100	268.5	24	\$1,087.27	8	7
CHANNEL 198-82SSP	SSTX Pro	98	256.9	21.1	\$1,077.57	13	9
CHANNEL 202-58STX	SSTX	102	268.9	24.1	\$1,087.71	5	6
Trial Average			267.1	23.4	\$1,089.29		

Turner Legacy Farms LLC
Baraboo, Wisconsin
Sauk County

Planted: 5/12/2023
Harvested: 10/16/2023

Corn on Corn Rotation

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
CHANNEL 206-16SSP	SSTX Pro	106	181.6	18.5	\$785.57	1	1
JUNG 46SS424	SSTX	96	142.9	16.7	\$631.04	13	13
JUNG 48SS443	SSTX	98	147.9	15.4	\$662.78	12	11
JUNG 49SP453	SSTX Pro	99	156.8	16.6	\$693.10	11	8
JUNG 51SP513	SSTX Pro	101	165.7	18.7	\$714.95	5	5
JUNG 53SS534	SSTX	103	172.6	18.2	\$749.19	2	2
JUNG 54SP533	SSTX Pro	104	164.0	18.5	\$709.10	7	6
JUNG 56SS538	SSTX	106	163.9	21.1	\$687.60	8	9
DAIRYLAND 4018AMXT	AMXT	101	160.8	17.9	\$700.47	10	7
DAIRYLAND 4510Q	QROME	105	165.5	23.5	\$674.26	6	10
DAIRYLAND 4567Q	QROME	105	162.7	27.2	\$633.00	9	12
DAIRYLAND 4003Q	QROME	100	167.9	17.6	\$733.86	4	4
JUNG 53SS521	SSTX	103	171.1	18.9	\$736.78	3	3
Trial Average			163.4	19.1	\$700.90		

CORN HARVEST RESULTS

Jeff Kennicker
Cuba City, Wisconsin
Grant County

Planted: 5/12/2023
Harvested: 11/14/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
NW5110CNDZ	VT2P	101	234.9	17.9	\$1,023.09	12	12
JUNG 50DT503	TRE	100	257.2	16.6	\$1,136.93	4	2
JUNG 51SP513	SSTX Pro	101	246.5	17.8	\$1,074.87	7	7
JUNG 53SS534	SSTX	103	246.4	17.9	\$1,073.02	8	8
JUNG 54SP533	SSTX Pro	104	255.7	17.9	\$1,113.65	6	5
PIONEER P0075Q	QROME	100	240.2	17.8	\$1,047.13	10	10
JUNG 55DP514	VT2P	105	266.4	17.2	\$1,169.29	1	1
JUNG 56SS538	SSTX	106	256.3	19.8	\$1,091.91	5	6
JUNG 56SP543	SSTX Pro	106	245.9	19.3	\$1,053.84	9	9
JUNG 57DP553	VT2P	107	261.1	19.4	\$1,117.59	3	3
JUNG 58DD563	DGVT2P	108	261.3	19.6	\$1,115.60	2	4
PIONEER P0622Q	QROME	106	238.7	19.1	\$1,025.26	11	11
Trial Average			250.9	18.4	\$1,086.80		

Steve Hynek (Hillsboro FFA)
Hillsboro, Wisconsin
Vernon County

Planted: 5/12/2023
Harvested: 11/13/2023

Corn on Corn Rotation

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
PIONEER P9608Q	QROME	96	196.6	18.7	\$848.29	6	4
JUNG 48SS443	SSTX	98	202.6	19.8	\$862.89	4	3
DAIRYLAND 3959Q	QROME	99	182.5	23.1	\$747.45	7	7
JUNG 49SP453	SSTX Pro	99	220.0	19.3	\$942.62	2	1
JUNG 51FP504	VT4P	101	227.3	23.4	\$927.26	1	2
JUNG 51SP513	SSTX Pro	101	208.6	25	\$834.46	3	5
JUNG 54SP533	SSTX Pro	104	197.2	24.7	\$791.62	5	6
Trial Average			205.0	22.0	\$850.66		



CORN HARVEST RESULTS

Mark Peterson
Mt. Horeb, Wisconsin
Dane County

Planted: 5/18/2023
Harvested: 11/15/2023

Corn following Alfalfa

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
JUNG 55DP514	VT2P	105	227.3	20.1	\$964.95	5	4
JUNG 56SS538	SSTX	106	215.0	22.1	\$891.11	9	10
JUNG 56FP544	VT4P	106	219.6	19.9	\$934.29	8	7
JUNG 56SP543	SSTX Pro	106	221.0	20.7	\$931.72	7	8
JUNG 57DP553	VT2P	107	230.3	20.3	\$975.53	4	2
JUNG 58DD563	DGVT2P	108	238.1	21.4	\$995.12	1	1
JUNG 59SP554	SSTX Pro	109	233.2	22.2	\$965.31	2	3
JUNG 63SP633	SSTX Pro	113	232.6	28.3	\$892.15	3	9
PIONEER P0622Q	QROME	106	225.4	22	\$935.56	6	6
JUNG 21RR201	RR2	71	213.6	15.3	\$957.86	10	5
Trial Average			225.6	21.2	\$944.36		

Steve Peterson
Mt. Horeb, Wisconsin
Dane County

Planted: 5/18/2023
Harvested: 11/15/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
PIONEER P0075Q	QROME	100	202.5	17	\$891.21	1	1
JUNG 48DT444	TRE	98	197.5	15.6	\$882.76	2	2
JUNG 48SS443	SSTX	98	186.8	15.9	\$832.19	9	7
JUNG 49SP453	SSTX Pro	99	192.8	15.7	\$860.79	3	3
JUNG 50DT503	TRE	100	189.0	16.5	\$836.21	7	5
JUNG 51FP504	VT4P	101	191.0	17.8	\$832.70	5	6
JUNG 51SP513	SSTX Pro	101	190.4	17.8	\$830.08	6	8
JUNG 53SS534	SSTX	103	191.6	17.4	\$839.27	4	4
JUNG 54SP533	SSTX Pro	104	188.3	17.2	\$826.62	8	9
Trial Average			192.2	16.8	\$847.98		



CORN HARVEST RESULTS

Not Available								Planted:	5/16/2023
Walworth County, Wisconsin								Harvested:	10/30/2023
Walworth County		Corn on Corn Rotation							
Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank		
CHANNEL 206-16SP	SSTX Pro	106	215.4	20.2	\$913.30	1	1		
CHANNEL 207-27STX	SSTX	107	192.2	21.9	\$798.59	15	14		
CHANNEL 212-52SP	SSTX Pro	112	206.3	23.2	\$843.77	5	7		
CHANNEL 211-11SP	SSTX Pro	111	197.5	24.8	\$791.98	11	15		
WYFFELS W5019SS	SSTX	107	202.5	23.1	\$829.24	7	10		
RENK RK720SP	SSTX Pro	106	195.3	21.8	\$812.45	14	12		
CHANNEL 206-16SP	SSTX Pro	106	202.3	21.8	\$841.57	8	8		
WYFFELS W3579SP	SSTX Pro	105	200.9	23.4	\$819.67	9	11		
CHANNEL 207-27STX	SSTX	107	196.1	25.5	\$779.50	13	16		
RENK RK597SP	SSTX Pro	99	197.7	18	\$860.00	10	6		
CHANNEL 204-54SP	SSTX Pro	104	210.0	21.2	\$879.90	2	3		
CHANNEL 202-58SP	SSTX Pro	102	207.5	20.7	\$874.61	4	4		
WYFFELS W3309SP	SSTX Pro	103	204.0	19.8	\$869.04	6	5		
CHANNEL 201-07SP	SSTX Pro	101	207.6	19.7	\$885.41	3	2		
WYFFELS W2629SP	SSTX Pro	101	196.6	19.8	\$837.52	12	9		
CHANNEL 198-82SP	SSTX Pro	98	188.0	19.6	\$802.76	16	13		
CHANNEL 207-27STX	SSTX	107	181.5	22	\$753.23	17	17		
Trial Average			200.1	21.6	\$834.85				

Jim Van Egtern								Planted:	5/6/2023
Newburg, Wisconsin								Harvested:	11/3/2023
Dodge County									
Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank		
JUNG 45DP414	VT2P	95	257.3	20.6	\$1,085.81	9	8		
PIONEER P9608Q	QROME	96	250.7	20.6	\$1,057.95	10	10		
JUNG 46SS424	SSTX	96	260.9	19.7	\$1,112.74	8	6		
JUNG 48SS443	SSTX	98	284.3	20.6	\$1,199.75	3	2		
JUNG 48DT444	TRE	98	277.6	20.7	\$1,170.08	4	4		
JUNG 49SP453	SSTX Pro	99	277.1	22.7	\$1,140.27	6	5		
PIONEER P0075Q	QROME	100	285.4	22.6	\$1,175.85	2	3		
JUNG 50DT503	TRE	100	292.6	22.5	\$1,206.98	1	1		
JUNG 51SP513	SSTX Pro	101	274.2	27	\$1,069.38	7	9		
JUNG 53SS534	SSTX	103	277.5	25.2	\$1,107.23	5	7		
Trial Average			273.8	22.2	\$1,132.60				

CORN HARVEST RESULTS

Jim Casey
Randolph, Wisconsin
Columbia County

Planted: 5/6/2023
Harvested: 10/25/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
JUNG 45DP414	VT2P	95	248.0	19.8	\$1,056.48	6	3
JUNG 46SS424	SSTX	96	241.0	19.1	\$1,035.10	7	5
JUNG 48SS443	SSTX	98	241.0	21	\$1,012.20	7	9
JUNG 48DT444	TRE	98	235.0	20.5	\$992.88	10	10
JUNG 49SP453	SSTX Pro	99	260.0	20.9	\$1,093.30	3	2
PIONEER P0075Q	QROME	100	251.0	22.9	\$1,030.36	5	6
JUNG 50DT503	TRE	100	284.0	21.2	\$1,189.96	1	1
JUNG 51SP513	SSTX Pro	101	263.0	25.1	\$1,050.69	2	4
JUNG 53SS534	SSTX	103	241.0	20.5	\$1,018.23	7	7
JUNG 54SP533	SSTX Pro	104	254.0	25	\$1,016.00	4	8
Trial Average			251.9	21.6	\$1,049.52		

Cory Stiemsma
Cambria, Wisconsin
Columbia County

Planted: 5/12/2023
Harvested: 10/10/2023

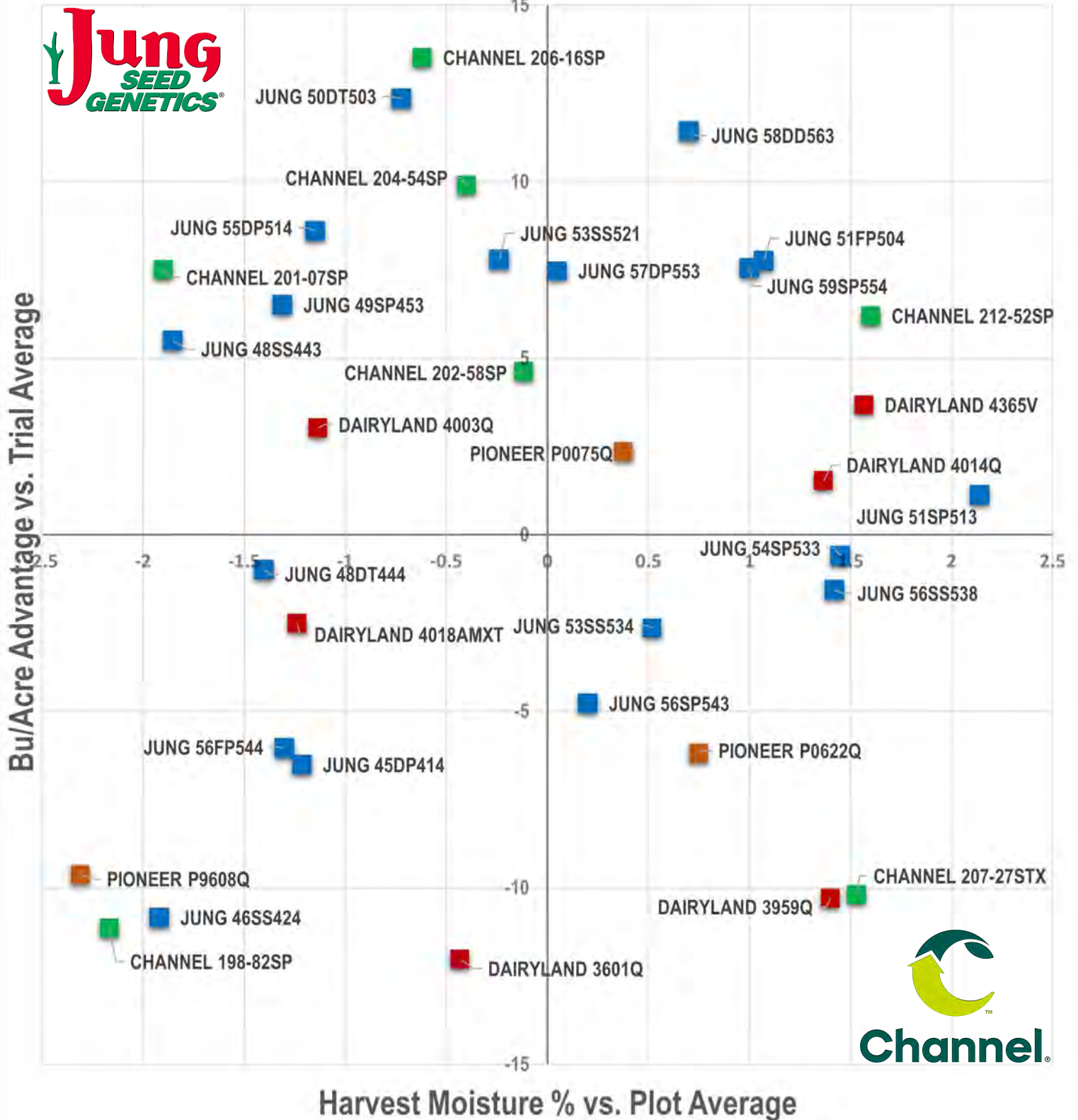
Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
JUNG 45DP414	VT2P	95	261.0	24.1	\$1,055.75	5	5
JUNG 46SS424	SSTX	96	261.0	24.1	\$1,055.75	5	5
JUNG 48SS443	SSTX	98	283.0	23.4	\$1,154.64	1	1
JUNG 48DT444	TRE	98	264.0	22.5	\$1,089.00	4	3
JUNG 49SP453	SSTX Pro	99	267.0	23.5	\$1,088.03	3	4
JUNG 50DT503	TRE	100	268.0	22.9	\$1,100.14	2	2
JUNG 51FP504	VT4P	100	257.0	23.7	\$1,044.71	7	7
JUNG 51SP513	SSTX Pro	101	247.0	26.7	\$967.01	9	9
JUNG 53SS534	SSTX	103	241.0	25.7	\$955.57	10	10
JUNG 54SP533	SSTX Pro	104	253.0	26.6	\$991.76	8	8
Trial Average			260.2	24.3	\$1,050.23		

SmartStax[®] PRO
With **RNAi** TECHNOLOGY

CORN HARVEST RESULTS

2023 Integrated Seed Solutions Corn Performance Summary

Wisconsin Trials (10 Locations)



SOYBEAN HARVEST RESULTS

Gary Loeffelholz
Cuba City, Wisconsin
Grant County

Planted: 5/25/2023
Harvested: 11/4/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
PIONEER P21A28X	RR2X	2.1	51.0	13.4	\$636.48	12	13
JUNG 1245XF	XF	2.4	53.6	13.4	\$668.93	7	7
JUNG 1227XF	XF	2.2	58.8	13.3	\$734.12	2	2
JUNG 1215XF	XF	2.1	56.6	13.1	\$707.22	4	4
JUNG 1205XF	XF	2	63.2	13	\$790.00	1	1
JUNG 1194XF	XF	1.9	52.1	12.9	\$651.51	10	10
JUNG 1156XF	XF	1.5	51.1	13.1	\$638.49	11	11
JUNG 1254XF	XF	2.5	53.5	13.2	\$668.22	8	8
JUNG 1255XF	XF	2.5	51.0	13	\$637.50	12	12
JUNG 1264XF	XF	2.6	53.5	13.2	\$668.22	8	8
JUNG 1274XF	XF	2.7	57.8	13.4	\$721.34	3	3
JUNG 1287XF	XF	2.8	56.3	12.7	\$704.59	6	6
PIONEER P23A15X	RR2X	2.3	56.5	13.4	\$705.12	5	5
Trial Average			55.2	13.2	\$687.06		

FWR Nell Farms
Dodge County, Wisconsin
Dodge County

Planted: 4/13/2023
Harvested: 10/4/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
CONNECT CT2323E	ENLIST	2.3	75.3		\$941.25	2	2
PIONEER P23A40E	ENLIST	2.3	75.3		\$941.25	2	2
PIONEER P20A22X	RR2X	2	79.0		\$987.50	1	1
NK21-C2E3	ENLIST	2.1	75.3		\$941.25	2	2
CONNECT CT2123E	ENLIST	2.1	67.9		\$848.75	9	9
MERSCH CHEYENNE 2220E	ENLIST	2.2	71.0		\$887.50	7	7
CONNECT CT1923E	ENLIST	1.9	73.2		\$915.00	5	5
NK19-T8E3S	ENLIST	1.9	70.8		\$885.00	8	8
PIONEER P18A73E	ENLIST	1.8	72.7		\$908.75	6	6
Trial Average			73.4		\$917.36		

Gary Braaksma
Columbia County, Wisconsin
Columbia County

Planted: 4/28/2023
Harvested: 10/2/2023

Product	Trait(s)	RM	Avg. Yield (Bu/A)	Harvest Moisture	Gross Income	Yield Rank	Income Rank
JUNG 1161R2X	RR2X	1.6	94.5		\$1,181.25	2	2
JUNG 1184XF	XF	1.8	87.3		\$1,091.25	3	3
JUNG 1194XF	XF	1.9	85.7		\$1,071.25	4	4
JUNG 1215XF	XF	2.1	95.9		\$1,198.75	1	1
Trial Average			90.9		\$1,135.63		

All yield values are in bu/acre and are adjusted to 13% moisture. Gross Revenue based on assumed selling price of \$12.50/bu and assumed drying cost of \$0.05/point moisture over 13%.

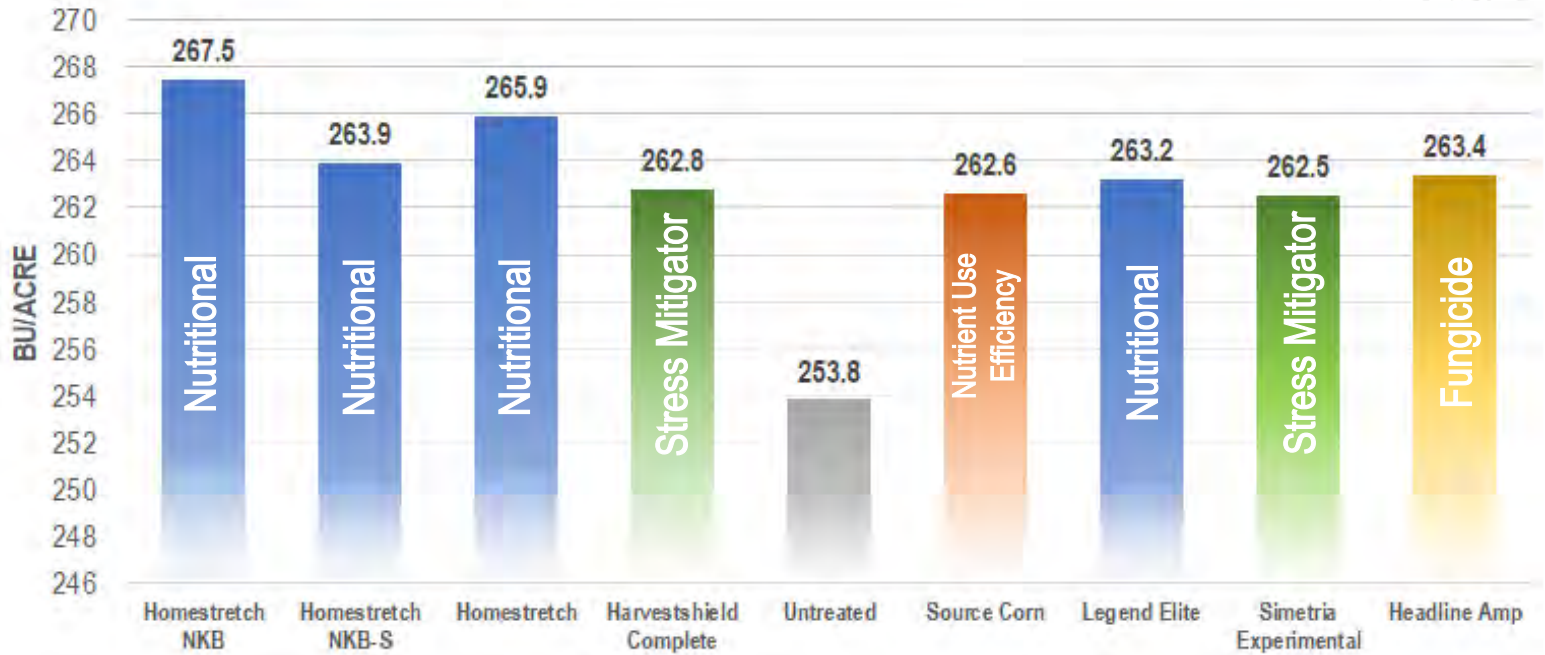
2023 FOLIAR TRIALS

Corn V5 Foliar Additive Trial

Planted : 5/6/2023
Harvested : 9/25/2023

Hybrid: 114 RM Trecepta
Application Date: 6/2/2023

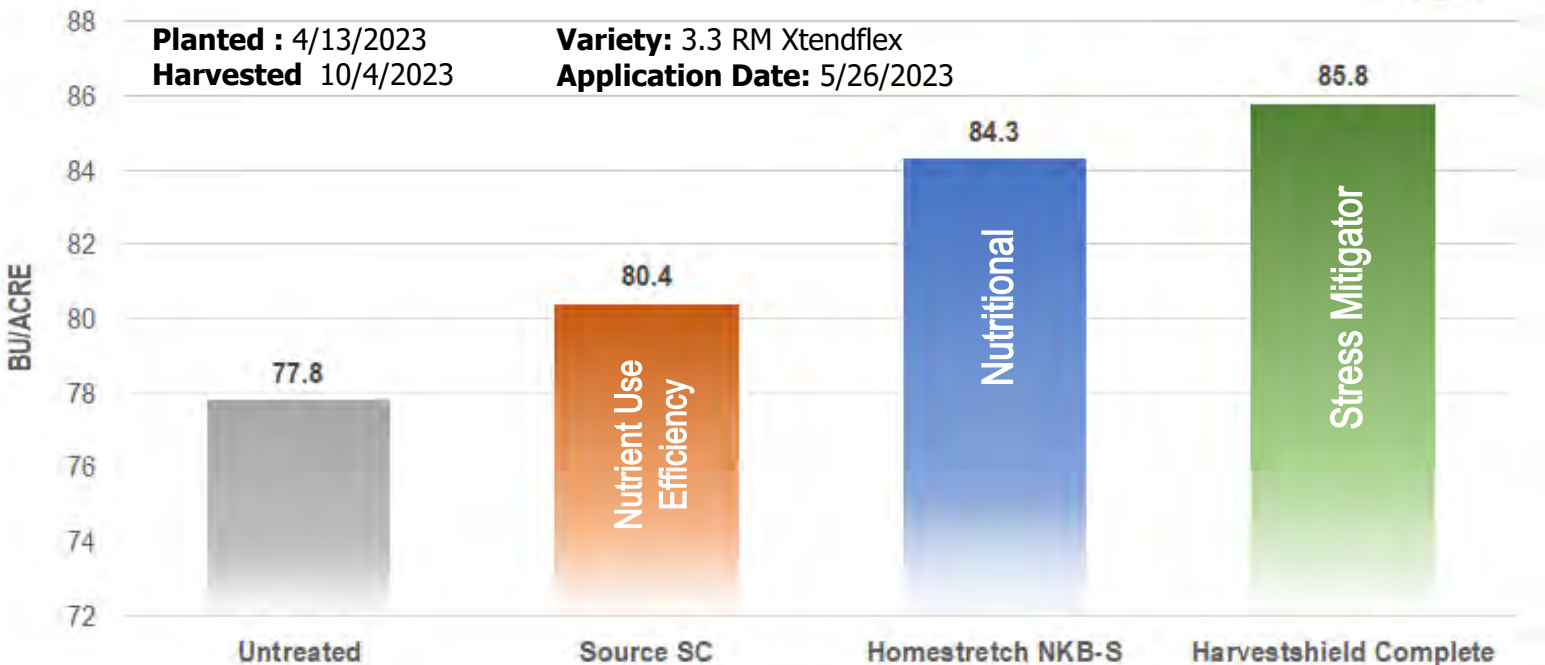
Scan QR Code for a Virtual Harvest Tour!



Soybean Post-Applied Foliar Additive Trial

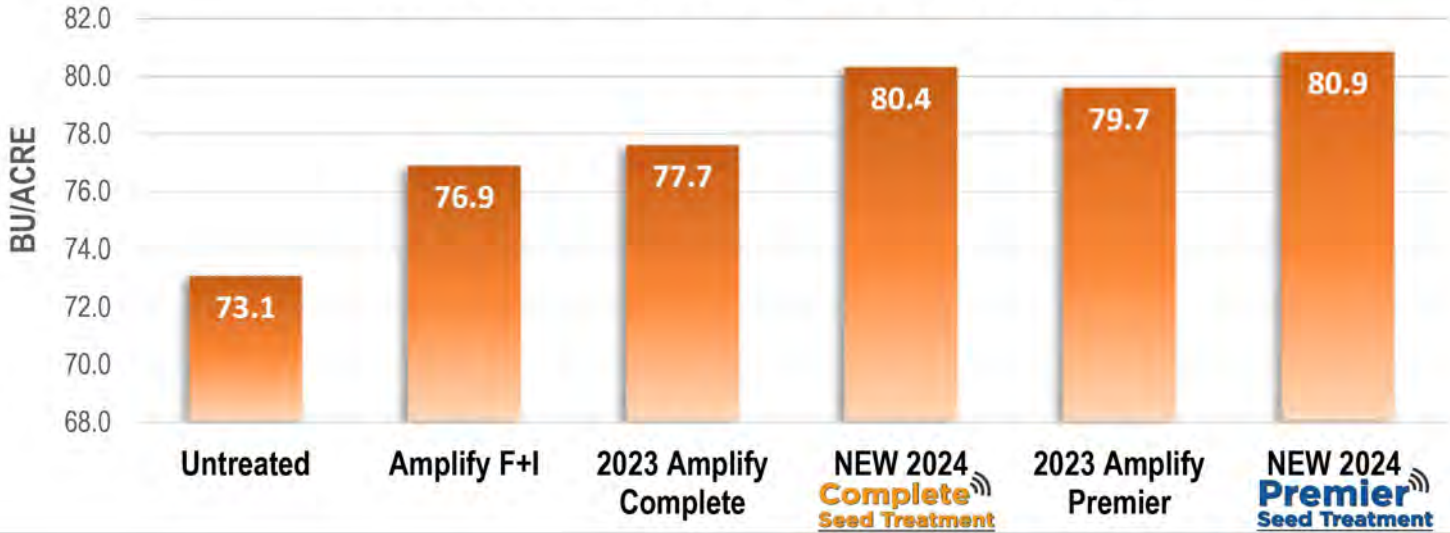
Planted : 4/13/2023
Harvested : 10/4/2023

Variety: 3.3 RM Xtendflex
Application Date: 5/26/2023



2023 SEED TREATMENT RESULTS

2023 SEED TREATMENT TRIAL RESULTS



Trial Locations included: Flanagan, Lexington, Varna and Wapella, IL; Dane, WI

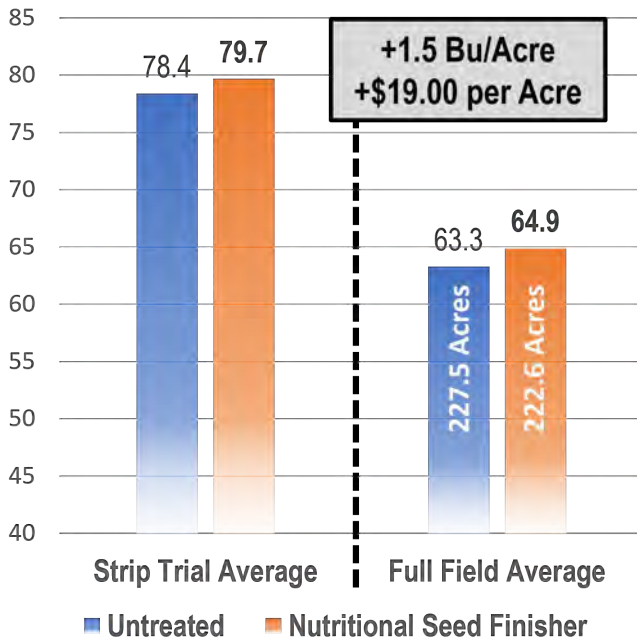
**2024 Amplify Premier introduces updated SDS & White Mold suppression, nutritional seed finish.*

***2024 Amplify Complete introduces Biotrinsic M34 inoculant and nutritional seed finish.*

NEW Nutritional Soybean Seed Finisher

Analysis includes: **18% Zn, 4% Mn, 24% P, 4% N**

*****New standard offering on all Amplify treated soybeans.*****



biotrinsic M34

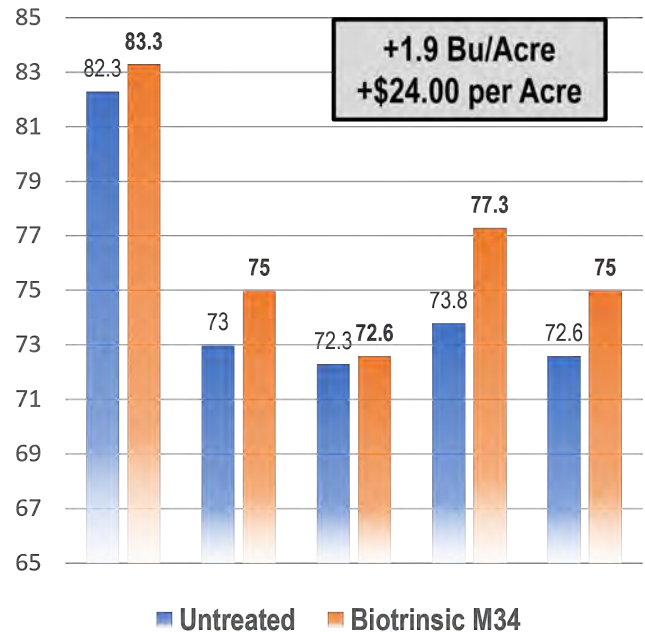
by indigo

Please scan QR Code for more information:



Now included in all Amplify inoculant:

Premier Seed Treatment & **Complete Seed Treatment**



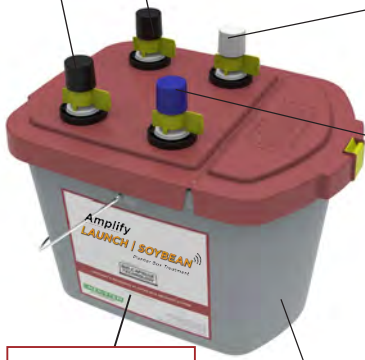
Amplify
YIELD ENHANCEMENT TECHNOLOGY
LAUNCH | SOYBEAN
Planter Box Treatment



**NUTRIENT & MICROBIAL
PLANTER BOX DELIVERY SYSTEM**

[Ultimate coverage on every seed.]

- Industry-Leading Bradyrhizobia Inoculant**
Proprietary Triple-Stack accelerates early-season nodulation for maximum nutrient uptake.
- 5 oz Terrasym®**
Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.



80/20 Talc/Graphite + Mn & Fe

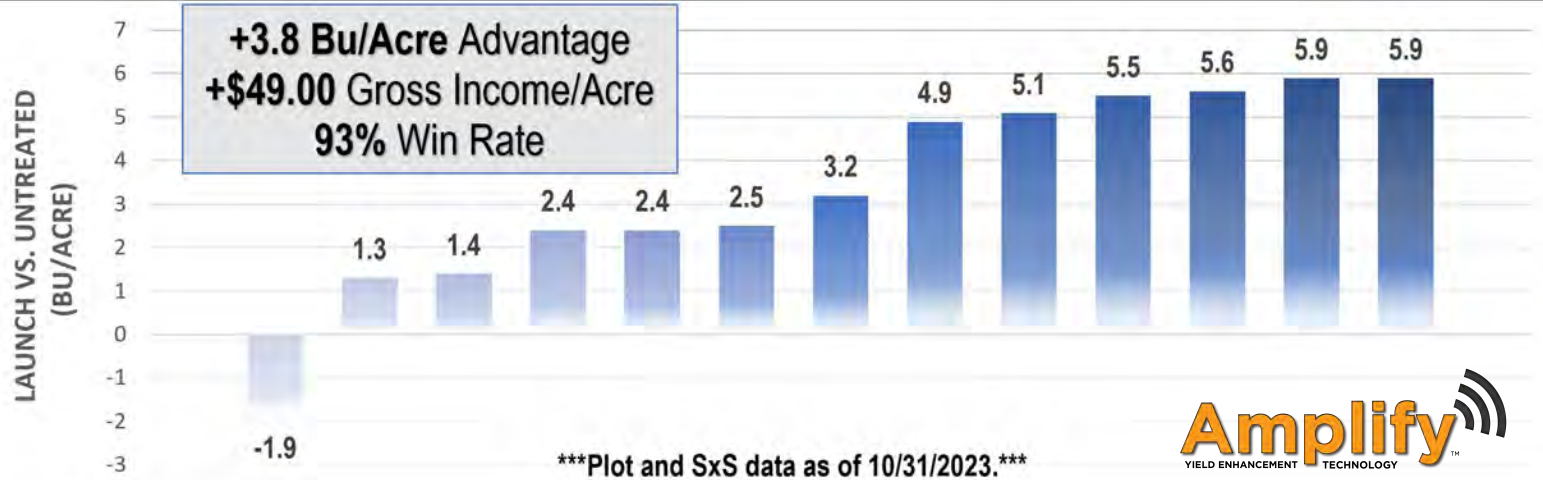
NEW: 0.43 lbs IONLOCK™ Zinc

- NEW: Industry-Leading Bio-Fertility & N-Fixing Microbes**
- Azospirillum brasilense
 - Azospirillum lipoferum
 - Azotobacter chroococcum
 - Azotobacter vinelandii
 - Thibacillus Ferrooxidans
 - Paenbacillus Azotofixans
 - Bacillus amyloliquefaciens
 - Bacillus licheniformis
 - Bacillus megaterium
 - Bacillus pumilus
 - Bacillus subtilis
 - Trichoderma harzianum
- CFU count 38 billion**

Actual product packaging may be different than this visual

PRODUCT BENEFITS

- Drives early-season taproot nodulation and N-fixation
- Builds stronger, healthier plants fast & massive roots
- Puts soybeans in the position to manage season-long stressors and optimize genetic potential
- Herbicide tolerant bradyrhizobia strain (patent # 8772576)



UNTREATED



Amplify
YIELD ENHANCEMENT TECHNOLOGY
LAUNCH | SOYBEAN
Planter Box Treatment

Amplify
YIELD ENHANCEMENT TECHNOLOGY
LAUNCH | CORN
Planter Box Treatment

POWERED BY
BIO-CAPSULE TECHNOLOGY

**NUTRIENT & MICROBIAL
PLANTER BOX DELIVERY SYSTEM**

PRODUCT BENEFITS

- Most convenient method to deliver a high-volume load of zinc to the furrow
- Generates massive root structure
- Increases early-season iron, manganese and zinc uptake
- Puts corn plants in the position to manage season-long stressors and optimize genetic potential

[Ultimate coverage on every seed.]

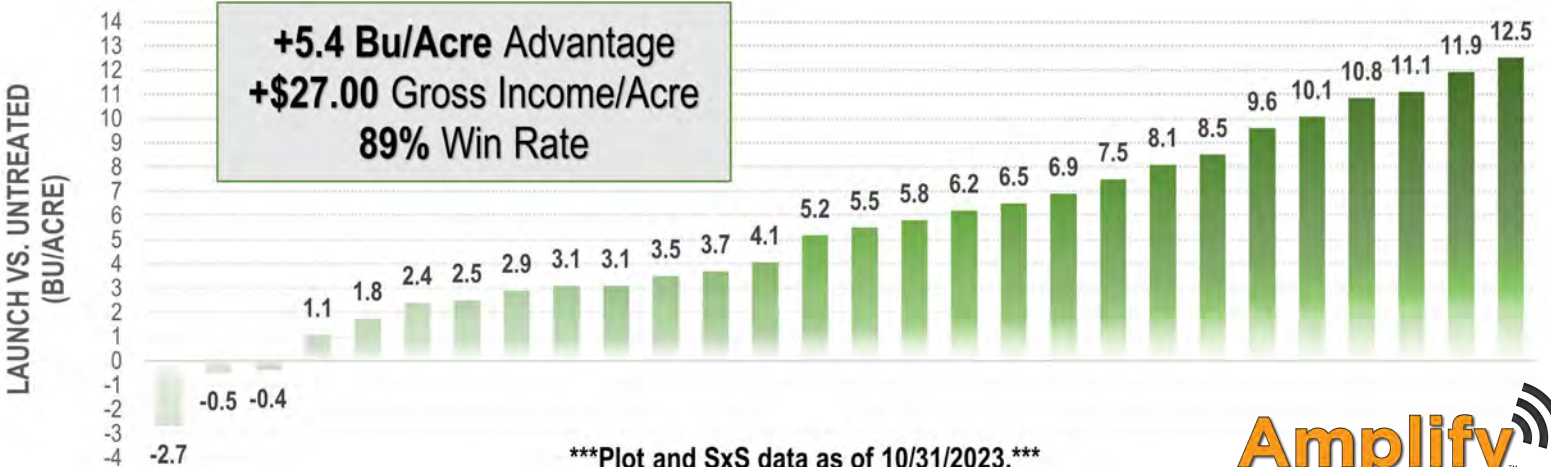
6.25 oz Terrasym®
Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.

Industry-Leading Bio-Fertility & N-Fixing Microbes
Azotobacter chroococcum
Azotobacter vinelandii
Bacillus amyloliquefaciens
Bacillus licheniformis
Bacillus megaterium
Bacillus pumilus
Bacillus subtilis
Trichoderma harzianum
CFU count 46 billion

NEW: 1.35 lbs IONLOCK™ Zinc

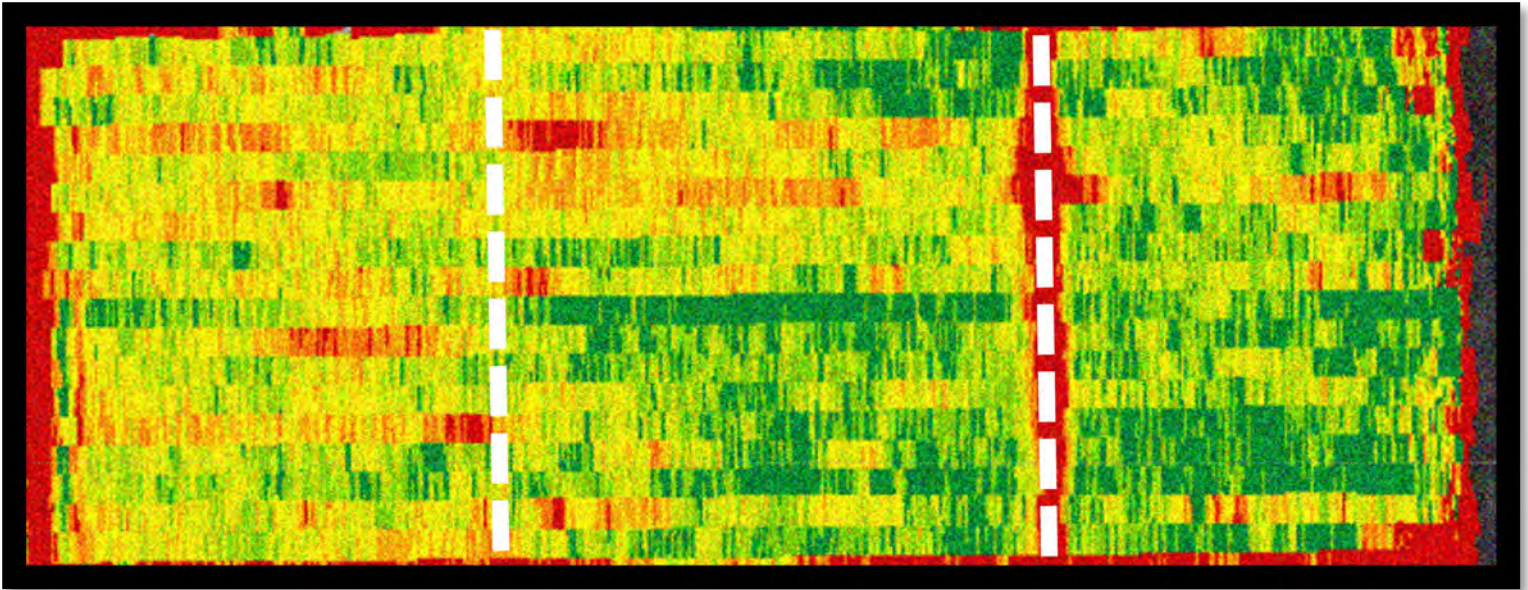
80/20 Talc/Graphite + Mn & Fe

Actual product packaging may be different than this visual



2023 AMPLIFY AERIAL RESULTS

Flanagan, IL Amplify Soybean Trial

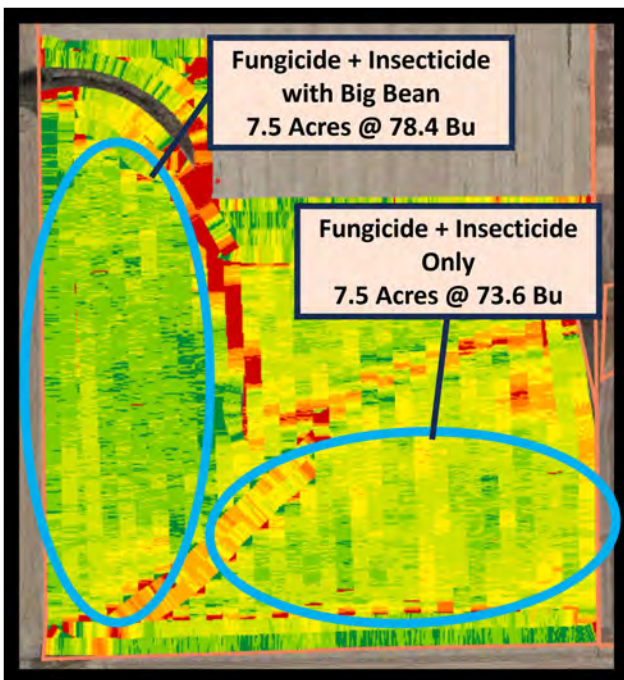


Unsprayed
72.2 Bu/Acre

Amplify Soybean Program
80.2 Bu/Acre

Amplify Soybean Program
with Source XC
81.9 Bu/Acre

Experimental Soybean Foliar Trial



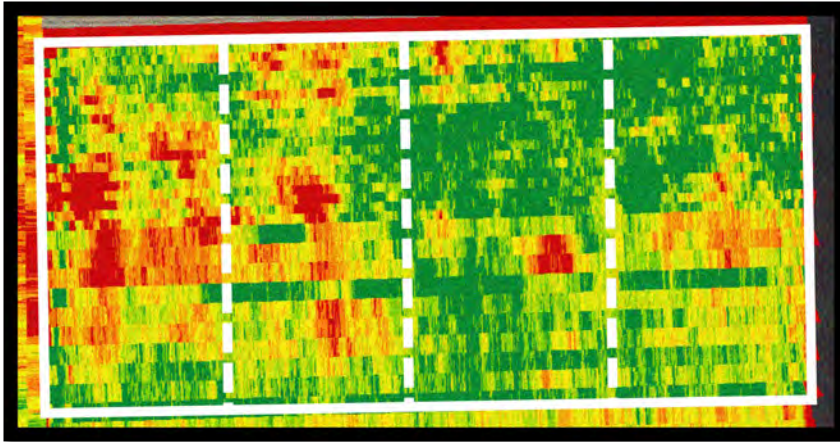
Please scan QR Code for more information:

SOURCE
Sound Agriculture



2023 AMPLIFY AERIAL RESULTS

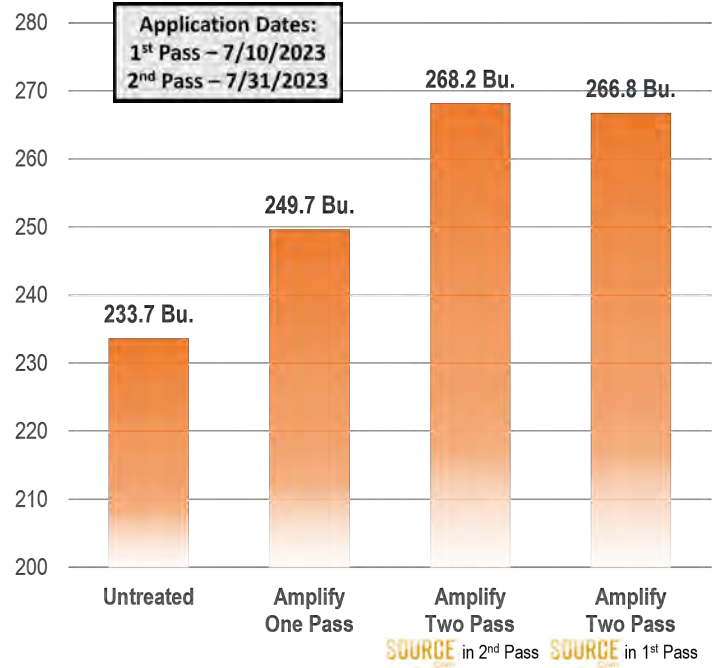
Flanagan, IL Amplify Corn Trial



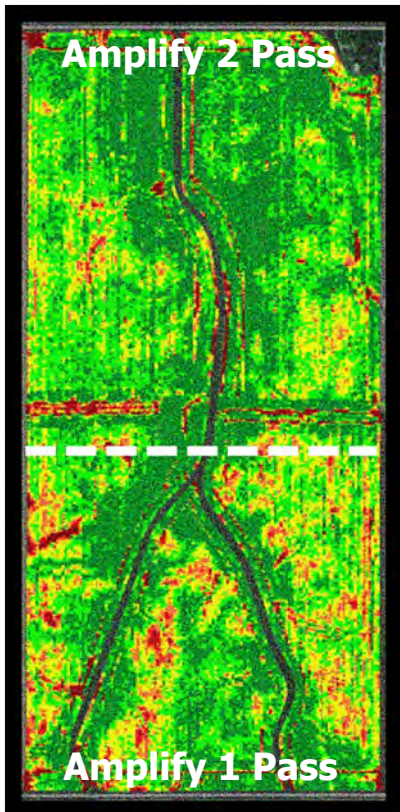
Untreated One Pass Two Pass Two Pass

SOURCE
Sound Agriculture

Please scan QR Code for more information:



Leroy, IL Amplify Corn Trial

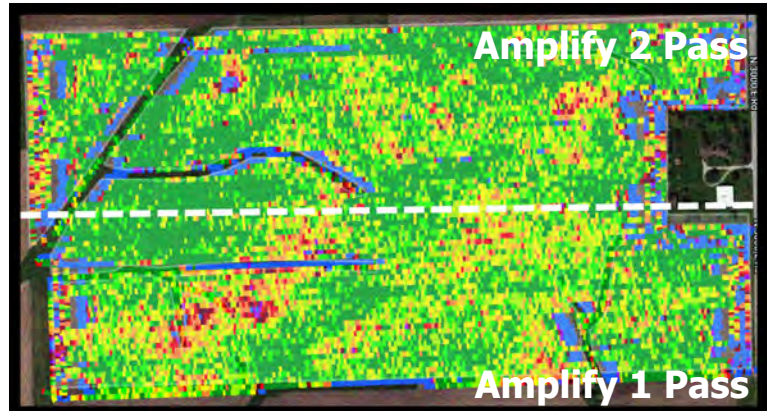


Amplify 2 Pass Program
140 Acres
263.2 Bu/Acre



Amplify 1 Pass Program
134 Acres
253.9 Bu/Acre

Forrest, IL Amplify Corn Trial



Amplify 2 Pass Program
36 Acres
252.1 Bu/Acre

Amplify 1 Pass Program
36 Acres
244.5 Bu/Acre



Integrated

SEED SOLUTIONS

