

2025 Corn test plot summary

Variety	# of Locations	Average Advantage over plot mean	Advantage weighted by # of locations	Stability Index
6216PCE	2	17.7	9.0	3.0
6297V*	4	8.5	8.6	6.6
6492TC	4	8.1	8.2	12.6
6233PCE*	5	6.2	7.8	12.3
6075PCE*	4	6.7	6.8	6.7
P13777V	3	8.9	6.7	10.2
6510V*	3	7.9	6.0	7.6
5864PCE	4	3.4	3.5	12.0
6485SX	4	2.6	2.6	8.1
6005V	4	-0.3	-0.3	13.4
P1742Q	4	-0.5	-0.5	16.3
6258V4	6	-0.8	-1.2	19.3
6041Q	6	-1.2	-1.8	13.8
5608AM	3	-3.2	-2.4	16.3
6280TC	5	-2.0	-2.6	27.8
6344SXP	3	-3.5	-2.6	13.0
6374V2	5	-2.9	-3.7	19.3
6473TC	3	-8.1	-6.1	12.6
6133V	5	-6.0	-7.6	4.8
6064AM	4	-7.8	-7.9	7.1
5802D	2	-19.2	-9.7	1.4
* new for 2026				
Stability Index = Max Advantage - Min Advantage				

2025 Corn test plot practice and rainfall summary

	Princeville	Sparland	Laura	Hanna City	Bradford
Average Yield	262.7	262.5	257.8	256.7	245.3
Avg grain moisture	15.1	15.8	18.1	14.3	14.2
Tillage	Chisel/Cultivate	Field Cultivate	Strip till	Strip till	Strip till
Soil Type	Ipava/Sable	Ipava/Sable	Keomah	Ipava	Muscature
Fungicide	Airplane	Drone	Drone	Drone	None
May Rainfall	2.5	2.2	2.2	2.2	1.7
June Rainfall	4.0	3.1	4.0	3.4	3.3
July Rainfall	6.2	7.0	8.2	4.1	7.2
August Rainfall	1.0	2.8	0.8	1.4	1.3
Season total Rainfall	13.9	15.0	14.9	12.9	13.6
Bushels per inch of rain	19.0	17.5	17.4	19.9	18.0
Applied Nitrogen	224	230	205	150	160
Bushels per lb of N	1.2	1.1	1.3	1.7	1.5



Corn side by side yield comparison report

Herrmann Integrated Agronomy



Harvest Date:	10/11/2025	Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com	Grower name: Dan Heinz		
Planting Date:	4/18/2025		Location: Hanna City		
Previous Crop:	Beans	Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com	Nitrogen Program		
Planting Rate:	35,000		Lbs N	Season	Form
Fungicide	Veltyrna		150	Fall	NH3
Herbicide	Triflex,atzRU,Callisto fb Accuron		0	Spring	
Soil	dark loam	Yield Moist Average 256.7 14.3	0	Sidedress	
Tillage	strip till		150	Total applied N per acre	

Planting				Actual	%	Test	Pounds	Length	Width	Bushels per
Order	Company	Hybrid	CRM	Yield	Moisture	Weight		(Feet)	(Inches)	lb of N
14	Becks	6216PCE	112	272.0	14.1	61.6	2394	692	120	1.81
13	Becks	6492TC	114	270.9	14.3	61.4	2390	692	120	1.81
24	Becks	6700V2	117	269.3	14.8	61.6	2390	692	120	1.80
1	Becks	6297V	112	267.1	15.3	60.3	2398	696	120	1.78
5	Becks	6492TC	114	266.8	14.6	61.5	2376	696	120	1.78
9	Becks	6233PCE	112	266.6	14.3	61.3	2366	696	120	1.78
19	Becks	6492TC	114	266.2	14.2	61.7	2360	696	120	1.77
7	Becks	6075PCE	110	263.5	14.2	60.3	2336	696	120	1.76
21	Becks	6510V	115	259.8	14.7	61.9	2316	696	120	1.73
20	Pioneer	P1742Q	117	259.5	14.7	61.0	2314	696	120	1.73
11	Pioneer	P13777V	113	259.2	14.2	61.9	2298	696	120	1.73
4	Becks	6041Q	110	259.1	13.2	61.0	2270	696	120	1.73
3	Becks	6005V	110	258.5	13.4	60.1	2270	696	120	1.72
15	Becks	5864PCE	108	255.1	13.7	60.2	2248	696	120	1.70
17	Becks	6485SX	114	254.9	14.3	62.6	2262	696	120	1.70
16	Becks	6280TC	112	249.7	14.0	61.4	2208	696	120	1.66
12	Becks	6258V4	112	247.5	14.6	63.7	2204	696	120	1.65
2	Becks	6133V	111	246.5	14.0	60.5	2130	680	120	1.64
8	Becks	6344SXP	113	248.8	14.8	61.0	2170	680	120	1.66
22	Becks	6064AM	110	247.1	14.2	58.4	2140	680	120	1.65
10	Becks	6374V2	113	246.6	14.2	61.2	2136	680	120	1.64
6	Becks	5608AM	106	245.7	14.3	60.1	2130	680	120	1.64
18	Becks	6473TC	114	245.7	14.3	62.3	2130	680	120	1.64
23	Becks	5802D	108	235.8	14.2	59.2	2042	680	120	1.57



Corn side by side yield comparison report



Herrmann Integrated Agronomy

Harvest Date:	10/15/2025	Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com Keith Ehle 309-634-5170 keithehle@herrmannintegratedag.com Yield Moist Average 262.7 15.1	Grower name:	Ron Basehoar
Planting Date:	4/29/2025		Location:	Princeville, IL
Previous Crop:	Beans		Nitrogen Program	
Planting Rate:	36,000		Lbs N	Season Form
Fungicide	Approach Prima		164	Fall NH3
Herbicide	Staunch, HalexGT Atz.		60	Spring UAN & MAP
Soil	Dark loam		0	Sidedress
Tillage	Chisel and field cultivated		224	Total applied N per acre

Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Lb N per Bushel	Bushels per lb of N
18	Becks	6492TC	114	276.5	16.4	59.0	3152	872	120	0.810	1.23
9	Becks	6233PCE	112	274.5	14.6	59.4	3010	857	120	0.816	1.23
1	Becks	6297V	112	273.7	14.3	59.1	3008	862	120	0.818	1.22
11	Pioneer	P13777V	113	272.1	15.2	61.2	3058	872	120	0.823	1.21
13	Becks	6216AM	112	271.6	14.7	58.3	3034	872	120	0.825	1.21
20	Becks	6510V	115	270.9	17.7	58.9	3136	872	120	0.827	1.21
7	Becks	6075PCE	110	269.9	14.8	59.6	2946	851	120	0.830	1.20
15	Becks	6280TC	112	267.5	14.8	59.5	2992	872	120	0.837	1.19
16	Becks	6485SX	114	266.5	16.8	59.9	3052	872	120	0.841	1.19
14	Becks	5864PCE	108	266.3	14.2	58.9	2924	862	120	0.841	1.19
10	Becks	6374V2	113	265.9	14.4	60.5	2960	872	120	0.842	1.19
17	Becks	6473TC	114	262.0	16.0	59.9	2972	872	120	0.855	1.17
12	Becks	6258V4	112	259.5	16.0	61.7	2842	842	120	0.863	1.16
4	Becks	6041Q	110	257.4	14.0	60.6	2852	872	120	0.870	1.15
2	Becks	6133V	111	257.1	14.5	59.9	2832	862	120	0.871	1.15
6	Becks	5608AM	106	256.9	13.3	58.3	2824	872	120	0.872	1.15
3	Becks	6005V	110	255.8	14.3	58.9	2844	872	120	0.876	1.14
8	Becks	6344SXP	113	254.5	15.4	58.8	2866	872	120	0.880	1.14
5	Becks	6064AM	110	254.4	14.1	60.1	2822	872	120	0.881	1.14
21	Becks	6064AM	110	252.0	15.3	57.4	2802	862	120	0.889	1.12
19	Pioneer	P1742Q	117	250.8	16.5	57.6	2862	872	120	0.893	1.12
22	Becks	5802D	108	244.2	15.4	56.3	2706	858	120	0.917	1.09



Corn side by side yield comparison report

Herrmann Integrated Agronomy



Harvest Date:	10/4/2025	Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com Yield Moist Average 262.5 15.8	Grower name: Doug Toepper							
Planting Date:	4/28/2025		Location:	Sparland						
Previous Crop:	Soybeans		Nitrogen Program							
Planting Rate:	34K		Lbs N	Season	Form					
Fungicide	Marivis Neo		100	Fall	NH3					
Herbicide	OvertimeATZ fb HalexGT		30	Spring	32%					
Soil	Ipava Silt Loam		100	Sidedress	32%					
Tillage	Conventional		230	Total applied N per acre						
Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Bushels per lb of N
6	Beck's	5864PCE	108	274.3	15.3	59.5	5450	770	240	1.19
10	Beck's	6258V4	112	274.0	15.4	61.7	5450	770	240	1.19
13	Beck's	6485SX	114	270.2	15.8	60.4	5400	770	240	1.17
14	Beck's	6492TC	114	268.0	15.7	60.3	5350	770	240	1.17
1	Pioneer	P1742Q	117	267.3	18.2	56.6	5500	770	240	1.16
5	Beck's	5824AM	108	264.8	14.3	58.8	5200	770	240	1.15
16	Pioneer	P1742Q	117	264.6	18.3	56.7	5450	770	240	1.15
11	Beck's	6374V2	113	261.7	15.3	60.2	5200	770	240	1.14
4	Golden Harvest	12U11	112	261.0	17.9	57.1	5350	770	240	1.13
8	Beck's	6041Q	110	260.6	14.0	60.8	5100	770	240	1.13
7	Beck's	6005V	110	259.4	14.4	59.5	5100	770	240	1.13
3	Golden Harvest	13M31	113	257.1	17.6	57.1	5250	770	240	1.12
2	Pioneer	P14830Q	114	256.9	14.4	60.1	5050	770	240	1.12
15	Pioneer	P14830Q	114	256.0	14.7	60.8	5050	770	240	1.11
12	Beck's	6469V2	114	255.2	16.6	60.0	5150	770	240	1.11
9	Beck's	6280TC	112	249.5	14.3	61.4	4900	770	240	1.08



Corn side by side yield comparison report



Herrmann Integrated Agronomy

Harvest Date:	10/14/2025				Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com Yield Moist Average 265.0 18.0				Grower name:		Ben Herrmann	
Planting Date:	5/8/2025								Location:		Laura, IL	
Previous Crop:	Beans								Nitrogen Program			
Planting Rate:	35,000								Lbs N	Season	Form	
Fungicide	Veltyrna					175	Fall	NH3				
Herbicide	Status,Lexar Atz,Rup					30	Spring	UAN				
Soil	Timber					0	Sidedress					
Tillage	Strip till					205	Total applied N per acre					
Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Bushles per Lb of N		
3	Becks	6233PCE	112	272.6	18.0	57.6	2634	725	120	1.33		
1	Becks	6297V	112	269.7	18.0	56.8	2606	725	120	1.32		
5	Becks	6075PCE	110	267.6	17.5	57.2	2570	725	120	1.31		
2	Becks	6133V	111	258.7	18.4	57.8	2512	725	120	1.26		
4	Becks	6041Q	110	256.2	18.3	58.1	2484	725	120	1.25		



Corn side by side yield comparison report

Herrmann Integrated Agronomy



Harvest Date:	10/14/2025				Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com			Grower name:		Ben Herrmann	
Planting Date:	5/8/2025							Location:		Laura, IL	
Previous Crop:	Beans				Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com			Nitrogen Program			
Planting Rate:	35,000							Lbs N	Season	Form	
Fungicide	Veltyrna				Yield Moist			175	Fall	NH3	
Herbicide	Status,Lexar Atz,Rup							30	Spring	UAN	
Soil	Timber				Average 257.8 18.1			0	Sidedress		
Tillage	Strip till							205	Total applied N per acre		
Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Lb N per Bushel	Bushels per lb of N
9	Becks	6280TC	112	272.2	17.5	56.9	1662	461	120	0.753	1.33
15	Becks	P13777V	113	271.6	19.1	59.0	1724	470	120	0.755	1.32
7	Becks	6469V2	114	267.5	18.6	57.8	1688	470	120	0.766	1.31
12	Becks	6258V4	112	265.0	17.2	59.4	1574	450	120	0.773	1.29
8	Becks	6374V2	113	263.8	17.6	57.1	1644	470	120	0.777	1.29
4	Becks	6041Q	110	262.8	17.8	58.2	1642	470	120	0.780	1.28
3	Becks	6235D1	112	259.5	18.4	56.2	1564	450	120	0.790	1.27
6	Becks	6216AM	112	259.0	18.2	57.1	1626	470	120	0.792	1.26
13	Becks	6485SX	114	258.2	19.2	57.1	1606	460	120	0.794	1.26
2	Becks	6233PCE	112	257.4	17.8	57.6	1608	470	120	0.797	1.26
1	Becks	6133V	111	253.5	17.5	58.5	1578	470	120	0.809	1.24
11	Becks	5824AM	108	252.4	16.7	57.4	1556	470	120	0.812	1.23
14	Becks	6692SXP	116	246.7	19.7	60.0	1578	470	120	0.831	1.20
5	Becks	6473TC	114	244.5	19.2	58.5	1554	470	120	0.839	1.19
10	Becks	5686BZ	106	233.8	16.9	58.5	1414	460	120	0.877	1.14



Corn side by side yield comparison report

Herrmann Integrated Agronomy



Harvest Date:	10/21/2025				Ben Herrmann (309) 370-9432 baherrmann5@gmail.com Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com Yield Moist Average 245.5 14.9				Grower name:		Bob & Steve Shane	
Planting Date:	4/29/2025								Location:		Princeville, IL	
Previous Crop:	Continuous Corn								Nitrogen Program			
Planting Rate:	35,000								Lbs N	Season	Form	
Fungicide	None								170	Fall	NH3	
Herbicide	Trivolt,atz,RU fb Callisto,Diflex,RU								50	Spring	UAN	
Soil	Timber								0	Sidedress		
Tillage	Conventional								220	Total applied N per acre		
Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Lb N per Bushel	Bushels per lb of N	
10	Becks	6510V	115	257.4	15.8	60.8	2880.0	431.0	240.0	0.855	1.17	
9	Becks	6297V	112	252.7	14.6	58.3	2800.0	433.0	240.0	0.871	1.15	
4	Becks	6005V	110	252.2	14.3	61.0	2798.0	435.0	240.0	0.872	1.15	
6	Becks	6344SXP	113	250.5	14.0	59.9	2706.0	425.0	240.0	0.878	1.14	
8	Becks	6692SXP	116	249.5	15.5	59.3	2788.0	432.0	240.0	0.882	1.13	
11	Becks	6152D1	111	248.8	15.4	59.0	2802.0	436.0	240.0	0.884	1.13	
5	Becks	6041Q	110	247.0	13.8	61.2	2724.0	435.0	240.0	0.891	1.12	
7	Becks	6133V	111	241.4	15.4	59.9	2688.0	431.0	240.0	0.911	1.10	
3	Becks	6258V4	112	240.6	14.4	62.4	2672.0	435.0	240.0	0.914	1.09	
1	Becks	6152D1	111	235.5	15.7	58.7	2656.0	435.0	240.0	0.934	1.07	
2	Becks	6235D2	112	224.3	14.5	58.1	2494.0	435.0	240.0	0.981	1.02	



Corn side by side yield comparison report

Herrmann Integrated Agronomy



Harvest Date:	10/10/2025	Ben Herrmann (309) 370-9432 baherrmann5@gmail.com Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com Yield Moist Average 245.3 14.2	Grower name:	Tim Ringger							
Planting Date:	4/25/2025		Location:	Bradford, IL							
Previous Crop:	Soybeans		Nitrogen Program								
Planting Rate:	35,000		Lbs N	Season	Form						
Fungicide	None		130	Fall	NH3						
Herbicide	Staunch2,Roundup		30	Spring	UAN						
Soil	Dark loam		0	Sidedress							
Tillage	Strip till		160	Total applied N per acre							
Planting			Actual	%	Test	Length	Width	Lb N per	Bushels per		
Order	Company	Hybrid	CRM	Yield	Moisture	Weight	Pounds	(Feet)	(Inches)	Bushel	lb of N
8	Becks	6216PCE	112	264.6	15.3	58.0	1932	283	240	0.605	1.65
4	Becks	6075PCE	110	254.7	14.0	60.2	1812	280	240	0.628	1.59
2	Becks	5608AM	106	251.6	13.6	61.9	1782	280	240	0.636	1.57
11	Becks	6492TC	114	246.5	14.5	58.5	1758	279	240	0.649	1.54
5	Becks	6233PCE	112	246.5	14.4	59.1	1762	280	240	0.649	1.54
9	Becks	5864PCE	108	244.7	13.9	61.7	1758	283	240	0.654	1.53
3	Becks	5958TC	109	241.6	14.0	61.0	1744	284	240	0.662	1.51
1	Becks	6064AM	110	241.6	14.2	60.4	1748	284	240	0.662	1.51
7	Becks	6258V4	112	239.2	14.3	61.4	1708	280	240	0.669	1.49
10	Becks	6280TC	112	235.5	14.0	59.0	1700	284	240	0.679	1.47
6	Becks	6374V2	113	231.9	14.5	59.4	1660	280	240	0.690	1.45



Corn plant date study



Herrmann Integrated Agronomy

Harvest Date:	10/14/2025	Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com Keith Ehle 309-634-5170 keithehle@herrmannintegratedag.com Yield Moist Average262.116.7	Grower name:		Ben Herrmann
Planting Date:	various		Location:		Laura, IL
Previous Crop:	Beans		Nitrogen Program		
Planting Rate:	35,000		Lbs N	Season	Form
Fungicide	10oz Veltyma		175	Fall	NH3
Herbicide	Gly,Status,Atz		30	Spring	UAN
Soil	Rozetta		0	Sidedress	
Tillage	Strip till		205	Total applied N per acre	

Planting Order	Hybrid	CRM	Actual Yield	% Moisture	Plant Date	VS May 8th	Test Weight	Pounds	Length (Feet)
1	6574V2	115	270.8	17.4	4/26/2025	12.1	60.6	2554	713
2	6574V2	115	258.7	18.6	5/8/2025		59.2	2448	705
3	6973V2	119	255.0	19.2	5/8/2025		57.7	2438	707
4	6973V2	119	256.9	17.7	4/26/2025	1.9	58.2	2398	703
5	6700V2	117	262.3	18.3	5/8/2025		59.0	2396	683
6	6700V2	117	275.4	16.8	4/15/2025	13.1	61.0	2528	699
7	6700V2	117	272.9	17.0	5/15/2025	10.6	60.1	2504	697
8	6492TC	114	280.8	16.8	4/26/2025	-7.9	59.8	2526	685
9	6492TC	114	276.5	16.7	4/15/2025	-12.1	59.1	2514	693
10	6492TC	114	288.6	17.5	5/8/2025		58.2	2596	679
11	5608AM	106	252.1	14.1	4/15/2025	7.0	57.9	2210	689
12	5608AM	106	245.2	15.0	5/8/2025		57.0	2118	672
13	5864PCE	108	256.6	15.1	4/15/2025	-10.9	58.8	2262	685
14	5864PCE	108	267.5	16.8	5/8/2025		58.3	2294	653
15	6235D1	112	246.3	17.2	5/8/2025		55.8	2142	659
16	6235D1	112	258.3	16.2	4/15/2025	12.0			
17	6374V2	113	233.7	15.9	5/8/2025				
18	6374V2	113	248.0	15.0	4/15/2025	14.2			
19	6064AM	110	266.7	17.7	5/8/2025				
20	6064AM	110	270.4	16.1	4/26/2025	3.7			
21	6064AM	110	271.7	16.4	4/26/2025	4.9			
22	6064AM	110	266.8	17.1	5/8/2025				

Average advantage over May 8th planting

April 15th	3.9
April 26th	3.0
May 15th	10.6

While planting date did not have a consistent effect on yield it did consistently influence ear height.



May 8th on left, April 15th on right
6492TC April 15th ear height is 18" lower than May 8th



Corn in furrow biological product study



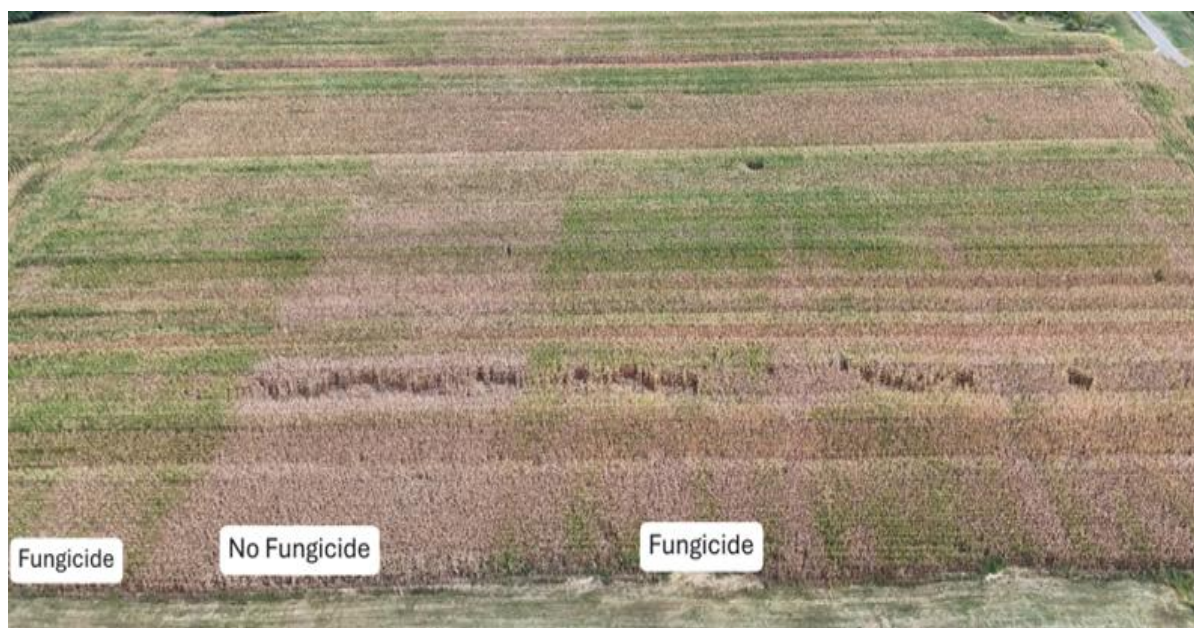
Herrmann Integrated Agronomy

Harvest Date:	10/14/2025	Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com	Name:	Ben Herrmann	
Planting Date:	5/8/2025		Location:		Laura, IL
Previous Crop:	Beans		Nitrogen Program		
Planting Rate:	35,000		Lbs N	Season	Form
Fungicide	Veltyrna		175	Fall	NH3
Herbicide	Status, Lexar Atz, Rup		30	Spring	UAN
Soil	Rozetta		0	Sidedress	
Tillage	Strip till		205	Total applied N	

Plant Order	Company	Hybrid	CRM	Actual Yield	% Moist	Biological Product	Biological Advantage	Test Weight	Pounds	Length (Feet)
1	Becks	6081AM	110	262.8	16.4	Complete Start	-3.9	59.9	2456	715
2	Becks	6081AM	110	267.1	16.4	N BoostR	0.4	60.7	2482	711
3	Becks	6081AM	110	264.8	15.9	SGAssist7-25-5	-1.9	59.8	2474	719
4	Becks	6081AM	110	256.1	15.7	GTX 215 7-25-5	-10.6	59.2	2380	717
5	Becks	6081AM	110	255.9	16.2	Holganix 7-25-5	-10.8	59.2	2386	715
6	Becks	6081AM	110	270.1	16.1	Wholeshot7-25-5	3.2	59.0	2508	713
7	Becks	6081AM	110	265.9	16.1	Row Support	-0.9	59.7	2462	711
8	Becks	6081AM	110	266.7	15.9	Check		60.6	3696	711

I've poured over this for hours and I wish I had a great explanation for these results but unfortunately I do not. While it is possible to burn your corn with the wrong starter, we used a safe low salt starter and I'm confident that no biological product will cause the yield loss that these results appear to imply. In general, biological products are not a quick fix thus this study will require additional years of data.

As you can see in the UAV photo, we have a significant wildlife problem at this location. I make a diligent effort to identify and eliminate that variable, however there is a remote possibility that damage occurred last minute, and I missed it.





Corn in-furrow biological product study

Herrmann Integrated Agronomy



Harvest Date:	10/16/2025	Ben Herrmann (309) 370-9432 baherrmann5@gmail.com	Grower name:		Cross Creek Farm
Planting Date:	4/30 & 5/5		Location:		Princeville, IL
Previous Crop:	Soybeans		Nitrogen Program		
Planting Rate:	35,500		Lbs N	Season	Form
Fungicide	HeadlineSC w/pre fb 10 oz Veltyma VT	Keith Ehnle 309-634-5170 keithehnle@herrmannintegratedag.com	135	Fall	NH3
Herbicide	Surtain,r-up,Callisto, fb R-up,atz,Callisto			Spring	
Soil	Keomah,timber silty clay loam		51	Sidedress	UAN & ATS
Tillage	Strip till		186	Total applied N per acre	

Planting			Starter check		Actual	Biological		Test		Length		Width	
Order	Company	Hybrid	Biological	7-25-5	Yield	Adv.	% Moisture	Weight	Pounds	(Feet)	(Inches)	Plant date	
1	Pioneer	P13777V	none	no	266.3		16.6	58.0	4320	619.0	240.0	29-Apr	
2	Becks	6374V2	none	no	261.9		17.1	59.5	4240	614.0	240.0	30-Apr	
3	Becks	6374V2	none	no	262.8		16.4	59.7	4252	619.0	240.0	5-May	
4	Becks	6374V2	Whole Shot	yes	266.3	-7.9	16.5	59.7	4210	604.0	240.0	30-Apr	
5	Becks	6374V2	Row Support	no	267.4	-6.8	16.3	59.9	4322	619.0	240.0	30-Apr	
6	Becks	6374V2	SG Assist	yes	274.3	0.1	16.8	59.3	4460	619.0	240.0	5-May	
7	Becks	6374V2	Holganix	yes	272.0	-2.2	17.3	59.6	4450	619.0	240.0	5-May	
8	Becks	6374V2	none	yes	274.2		16.9	60.0	4464	619.0	240.0	5-May	
9	Becks	6374V2	GTX - 215	yes	270.1	-4.2	17.6	59.8	4362	609.0	240.0	5-May	
10	Becks	6374V2	GTX - 215	no sided	260.2		16.9	59.0	4236	619.0	240.0	5-May	
11	Becks	6374V2	gal 28% + 5 gal ATS	no sided	275.4		17.2	59.6	4500	619.0	240.0	5-May	
12	Pioneer	P13777V	none	no	272.7		17.2	59.1	4456	619.0	240.0	29-Apr	

6.4 bu difference in check hybrid P13777V setting pass to pass variability to at least 6.4
 Insignificant yield response to the 5 day difference in plant date
 7-25-5 was the carrier for each of the biologicals except Row Support and all were applied in furrow.
 Compare pass 3 & 8 for advantage of 11.4 bushel for adding 7-25-5 without biologicals
 Compare pass 8 to each of the biologicals including rows 4,5,6,7 & 9 for yield responses.
 Every pass had 30 units N sidedress at V9 except passes 10 & 11, there was a 9.9 bu advantage to sidedress N
 GTX - 215 is intended to replace the last 30 units of N, however it appears that it did not do that.
 The overall plot winner was 20 gal 28% + 5 gal ATS dribbled on top of the row with the planter.



Corn fungicide application method study



Herrmann Integrated Agronomy

Harvest Date:	10/11/2020				Ben Herrmann 309-370-9432 benherrmann@herrmannintegratedag.com			Grower name:		Dan Heinz	
Planting Date:	4/18/2025							Location:		Hanna City	
Previous Crop:	Beans							Nitrogen Program			
Planting Rate:	35,000							Lbs N	Season	Form	
Fungicide	Veltyrna				Keith Ehle 309-634-5170 keithehne@herrmannintegratedag.com			150	Fall	NH3	
Herbicide	Triflex,Atz,Ru,Callisto fb Accoron							0	Spring		
Soil	Ipava							0	Sidedress		
Tillage	strip till							150	Total applied N per acre		
Planting Order	Company	Hybrid	CRM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Lb N per Bushel	Fungicide Application
1	Becks	6081AM	110	270.6	13.9	60.0	3462.0	504.0	240.0	0.554	Helicopter
2	Becks	6081AM	110	251.5	14.0	60.5	3746.0	586.0	240.0	0.596	Drone
3	Becks	6081AM	110	252.4	13.6	59.9	3742.0	586.0	240.0	0.594	Drone
4	Becks	6081AM	110	248.9	13.0	59.0	3664.0	586.0	240.0	0.603	no fungicide



Note: This drone vs helicopter vs no fungicide test is not exactly fair because of the no fungicide band that ran across the row through the plot and the fungicide check. I would not expect that anomaly to make up for all of the 18.6 bu advantage that the helicopter had over the drone. In this check I can agree to a clear advantage to the helicopter application over the drone.



Beck's Superior Hybrids

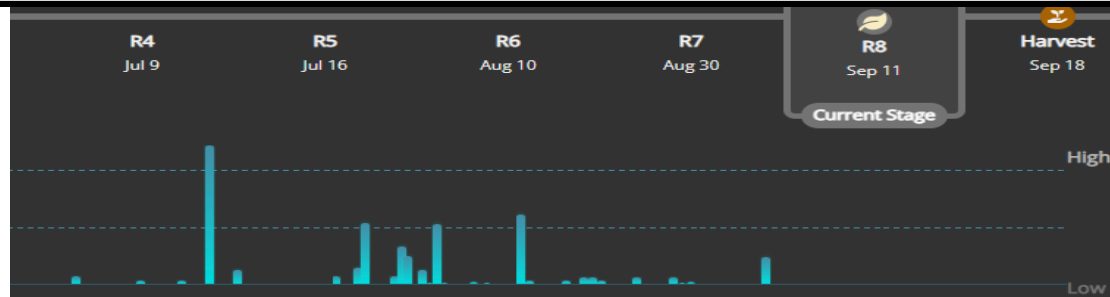
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		4/16/2025		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Doug Toepper	
Previous Crop:		Corn						Location:		Sparland, IL	
Planting Rate:		130,000						Harvest Date:		9/30/2025	
Fungicide		None			Average	Yield 90.8	Moist 9.8	Soil:		dark loam	
Herbicide		ZiduaSCLiberty/Outlook Liberty						Tillage:		Strip till	
Planting		Actual			%	Test	Length		Width		Notes
Order	Company	Variety	RM	Yield	Moisture	Weight	Pounds	(Feet)	(Inches)		
5	Beck's	XL2970E3	2.9	97.6	8.8	60.1	1836	716	240		
8	Beck's	3270E3	3.2	96.9	9.7	61.8	1842	716	240		
7	Beck's	3140E3	3.1	93.9	9.7	60.9	1784	716	240		
11	Beck's	XL3570E3	3.5	92.6	9.5	60.1	1756	716	240		
12	Beck's	3650E3	3.6	92.5	9.5	62.5	1754	716	240		
14	Pioneer	31Z32	3.1	92.0	10.6	58.2	3530	716	480	Doug's planter	
9	Beck's	XL5446E3	3.2	91.2	10.0	60.5	1738	716	240		
4	Beck's	XL2770E3	2.7	90.7	9.4	60.6	1718	716	240		
6	Beck's	2950E3	2.9	90.6	9.9	59.7	1726	716	240		
3	Beck's	2660E3	2.6	89.8	9.7	59.6	1706	716	240		
10	Beck's	3300E3	3.3	87.5	10.0	59.3	1668	716	240		
13	Beck's	3760E3	3.7	86.8	10.7	58	1668	716	240		
1	Pioneer	31Z32	3.1	85.4	9.7	60.9	1622	716	240	Doug's planter	
2	Beck's	2550E3	2.5	83.5	9.8	62	1588	716	240		



	Rainfall
May	2.73
June	2.89
July	7.01
August	1.94
Season total	17.08
Last rain >.2	August 10th 1.21"



Beck's Superior Hybrids

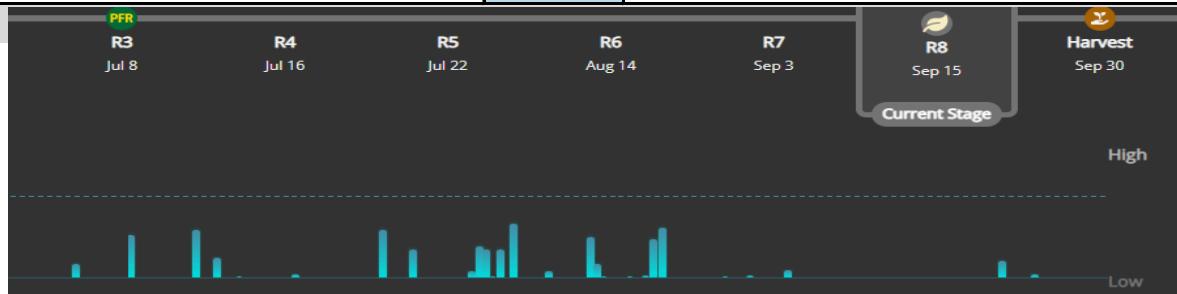
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		5/7/2025		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Todd and Beau Deppermann	
Previous Crop:		Corn						Location:		Glasford, IL	
Planting Rate:		VRT 110K - 130K						Harvest Date:		10/2/2025	
Fungicide		Marivis Neo			Plot Avg	Yield 78.2	Moist 9.9	Soil:		White timber soil	
Herbicide		Pre:Anthem Max post: Liberty						Tillage:		Chiseled & field cultivated	
Planting		Actual			Test		Length		Width		Notes
Order	Company	Variety	RM	Yield	% Moisture	Weight	Pounds	(Feet)	(Inches)		
2	Beck's	3670E3	3.6	82.5	9.3	59.4	5670	1734	360		
5	Beck's	8407EE	3.4	81.6	9.6	59.4	5627	1734	360		
6	Beck's	3300E3	3.3	80.7	9.5	59.1	5562	1734	360		
12	Beck's	7492EE	2.9	80.7	10.0	58.6	5590	1734	360		
11	Beck's	3170E3	3.1	80.3	10.0	59.4	5564	1734	360		
13	Beck's	XL2970E3	2.9	79.4	9.9	58.3	5494	1734	360		
14	Beck's	2660E3	2.6	78.8	10.9	57.9	5514	1734	360	Escalate	
8	Beck's	3270E3	3.2	77.7	9.5	59	5350	1734	360		
1	Beck's	3970E3	3.9	76.9	10.2	58.7	5340	1734	360	North	
3	Beck's	XL3570E3	3.5	76.7	9.2	59.3	5264	1734	360		
15	Beck's	3140E3	3.1	76.6	10.9	57.8	5357	1734	360	12 Row planter	
9	Beck's	3140E3	3.1	76.4	10.0	58.1	5290	1734	360	Saltro	
7	Beck's	XL5446EE	3.2	76.3	9.5	57	5254	1734	360		
10	Beck's	3140E3	3.1	75.6	10.0	59	5234	1734	360	Escalate	
4	Beck's	3460E3	3.4	72.9	9.8	59.4	5036	1734	360		



	Rainfall
May	2.52
June	3.34
July	4.28
August	1.89
Season total	12.14"
Last rain >.2	August 19th 1.1 inches



Beck's Superior Hybrids

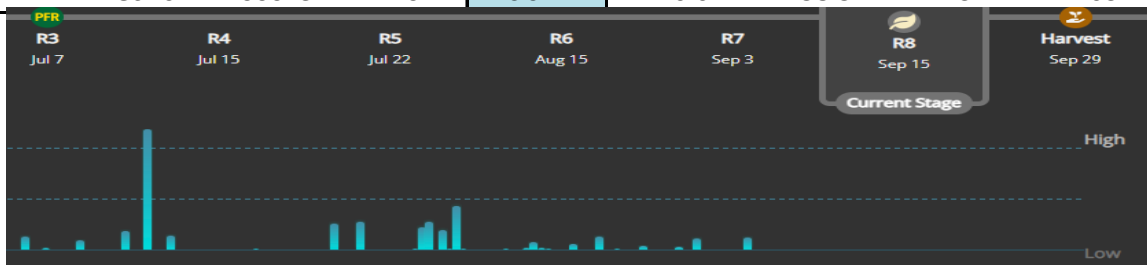
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		4/28/2025		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Tim Ringger											
Previous Crop:		Corn						Location:		Bradford, IL											
Planting Rate:		130,000		Yield Moist Average 72 10.1				Harvest Date:		10/1/2025											
Fungicide		None						Soil:		clay / timber											
Herbicide		Authority Supreme, 24D,Anthemmax,Roundup						Tillage:		No till											
Planting Order		Company		Variety		RM		Actual Yield		% Moisture		Test Weight		Pounds		Length (Feet)		Width (Inches)		Notes	
6		Beck's		3270E3		3.2		76.5		9.7		60.4		1290		635		240			
9		Beck's		2970E3		2.9		75.4		10.2		60.3		1276		634		240			
10		Beck's		7492EE		2.9		75.2		10.2		60.4		1272		634		240			
3		Beck's		3300E3		3.3		74.5		10.1		61		1266		637		240			
7		Beck's		3170E3		3.1		73.2		9.9		61.3		1236		635		240			
16		Beck's		2470E3		2.4		73.0		10.2		59.4		1232		632		240			
14		Beck's		9494EE		2.6		72.6		10.4		59.6		1228		632		240			
5		Beck's		XL5446EE		3.2		72.6		9.7		60.6		1226		636		240			
8		Beck's		3140E3		3.1		71.6		10.1		61.7		1212		635		240			
15		Beck's		2550E3		2.5		71.4		10.6		59.1		1210		632		240			
13		Beck's		2660E3		2.6		70.9		10.2		59.9		1198		633		240		Saltro	
4		Pioneer		P32Z91		3.2		70.8		9.4		61.7		1192		636		240			
11		Beck's		XL2770E3		207		70.4		10.2		61.1		1192		634		240			
2		Beck's		XL3570E3		3.5		70.3		9.8		60.6		1190		637		240			
12		Beck's		2660E3		2.6		67.2		10.3		59.7		1136		633		240		Escalate	
1		Beck's		2660E3		2.6		66.7		10.0		58.5		1132		637		240		Escalate East side	



	Rainfall
May	2.32
June	3.71
July	6.84
August	0.99
Season total	14.17
Last rain >.2	August 18th .25"



Beck's Superior Hybrids

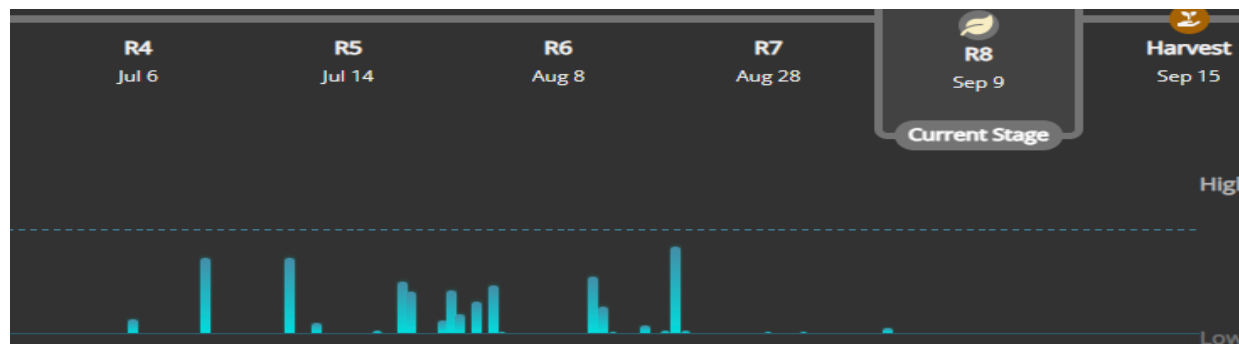
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		4/17/2025		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Dan Heinz											
Previous Crop:		Corn						Location:		Hannah City , IL											
Planting Rate:		130,000						Harvest Date:		9/29/2025											
Fungicide		Delaro & Swagger insecticide			Average	83.1	9.1	Soil:		dark loam											
Herbicide		Authority suprm, metrb/24D/rup, Post Lib/rup/Outlook							Tillage:		No till										
Planting Order		Company		Variety		RM		Actual Yield		% Moisture		Test Weight		Pounds		Length (Feet)		Width (Inches)		Notes	
8		Beck's		8407EE		3.4		89.6		8.9		59.8		1772		752		240			
3		Beck's		7492EE		2.9		86.4		9.0		59.7		1712		752		240			
6		Beck's		3270E3		3.2		86.2		8.8		60		1704		752		240			
10		Beck's		3670E3		3.6		84.8		9.0		60.1		1680		752		240			
1		Beck's		XL2770E3		2.7		84.3		9.1		57.8		1672		752		240			
2		Beck's		XL2970E3		2.9		84.3		9.0		58.6		1670		752		240			
7		Beck's		3300E3		3.3		84.2		8.8		59.8		1664		752		240			
5		Beck's		3140E3		3.1		83.8		9.1		59.2		1662		752		240			
4		Beck's		XL3170E3		3.1		82.3		9.1		59.5		1632		752		240			
12		Beck's		3870E3		3.8		81.3		9.5		60.3		1620		752		240			
11		Beck's		3760E3		3.7		80.0		9.5		59.9		1594		752		240			
9		Beck's		XL3570E3		3.5		80.0		8.7		60		1580		752		240			



	Rainfall
May	2.46
June	3.27
July	4.09
August	1.77
Season total	13.76
Last rain >.2	August 18th .83"



Soybean side by side yield comparison report



Beck's Superior Hybrids

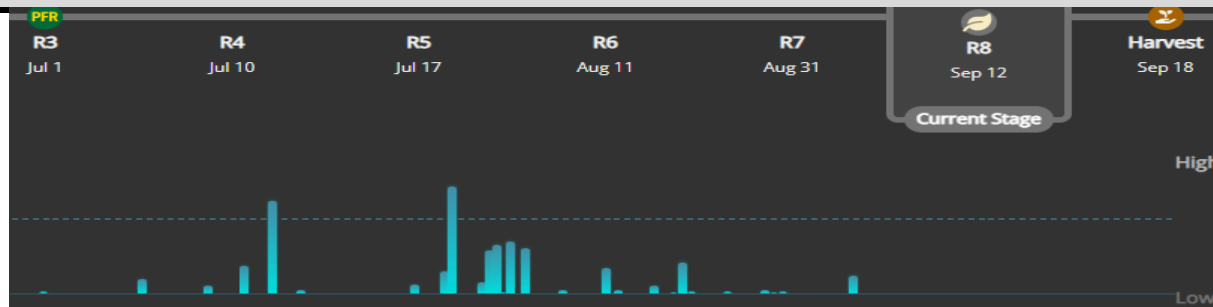
Herrmann Integrated Agronomy

Ben Herrmann

This plot was mostly PI88788 SCN trait in 2023 and averaged 62.3

Planting Date:	4/16/2025	(309) 370-9432 baherrmann5@gmail.com All Peking soybeans	Grower name: Deric Shafer Location: Speer, IL Harvest Date: 9/23/2025 Soil: silt loam Tillage: Chiseled & Field Cultivated		
Previous Crop:	Corn				
Planting Rate:	130,000				
Fungicide	Generic Quilt	Yield	Moist		
Herbicide	Zidua SC FB Liberty	Average	77.8	12.1	

Planting Order	Company	Variety	RM	Actual Yield	% Moisture	Test Weight	Pounds	Length (Feet)	Width (Inches)	Notes South to North
1	Beck's	2660E3	2.6	79.9	11.9	57.7	956	440	240	Escalate
2	Beck's	2660E3	2.6	76.9	11.9	57.7	920	440	240	Escalate + Rhizoliner prime
3	Beck's	2660E3	2.6	77.4	12.0	57.7	928	440	240	Escalate + GraphEx
4	Beck's	2660E3	2.6	76.6	12.0	57.7	918	440	240	Escalate
5	Beck's	2660E3	2.6	78.5	12.1	58.5	942	440	240	Saltro
6	Beck's	2550E3	2.5	81.4	11.9	57.8	974	440	240	
7	Beck's	5455EEXF	2.8	81.9	11.9	59.3	980	440	240	
8	Nutech	29N05	2.9	80.1	11.8	58.1	958	440	240	
9	Pioneer	P32Z91	3.2	77.7	11.5	60.5	926	440	240	
10	Beck's	3300E3	3.3	82.4	12.8	59.5	996	440	240	
11	Nutech	35N02E	3.4	79.5	12.3	58.8	956	440	240	
12	Beck's	3460E3	3.4	71.3	12.4	59.4	858	440	240	
13	Nutech	35N03E	3.5	74.9	12.2	61.1	900	440	240	
14	Beck's	2660E3	2.6	71.1	12.1	57	640	440	180	Escalate



	Rainfall
May	3.01
June	3.58
July	6.46
August	1.13
Season total	16.92
Last rain >.2	August 18th .23"



Beck's Superior Hybrids

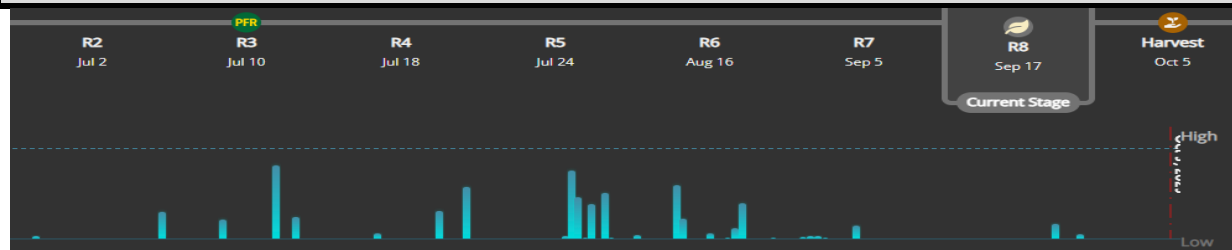
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		Various		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Bob & Steve Shane	
Previous Crop:		Hay						Location:		Kickapoo, IL	
Planting Rate:		130,000						Harvest Date:		9/29/2025	
Fungicide		None			Average	Yield 74.6	Moist 10.1	Soil:		sand/clay	
Herbicide		Liberty						Tillage:		No till	
Planting		Actual				Test		Length		Width	
Order	Company	Variety	RM	Yield	% Moisture	Weight	Pounds	(Feet)	(Inches)	Notes	
1	Beck's	3140E3	3.1	76.2	10.9	59.4	698	454	180	Check, no inoculant no Saltro	
2	Beck's	3140E3	3.1	73.3	10.4	59	668	454	180	BKS Premium	
3	Beck's	3140E3	3.1	74.5	10.3	51.9	678	454	180	UHC	
4	Beck's	3140E3	3.1	72.3	10.3	60.2	658	454	180	Complete Start	
5	Beck's	3140E3	3.1	78.6	10.2	60.7	714	454	180	Gro Pak	
6	Beck's	3140E3	3.1	76.7	10.3	60.1	698	454	180	VictoRyze	
7	Beck's	3140E3	3.1	76.1	10.2	59.4	692	454	180	Rhizolizer	
8	Beck's	3140E3	3.1	76.1	10.0	60.7	690	454	180	Graphex SA	
9	Beck's	3140E3	3.1	66.5	10.1	61.3	604	454	180	Rhizolizer & Saltro	
10	Beck's	2550E3	2.5	74.7	10.1	60	678	454	180	Planted May 6th	
11	Beck's	3270E3	3.2	72.1	10.0	61.3	654	454	180	Planted May 6th	
12	Beck's	3570E3	3.5	69.3	10.0	62.3	628	454	180	Planted May 6th	
13	Beck's	3570E3	3.5	76.1	10.0	62.4	920	454	240	Planted April 17th	
14	Beck's	3270E3	3.2	78.1	10.0	59.2	924	444	240	Planted April 17th	
15	Beck's	2550E3	2.5	77.3	10.0	60.1	712	346	240	Planted April 17th	



	Rainfall
May	1.87
June	2.93
July	4.65
August	1.52
Season total	11.33
Last rain >.2	August 19th .5"



Beck's Superior Hybrids

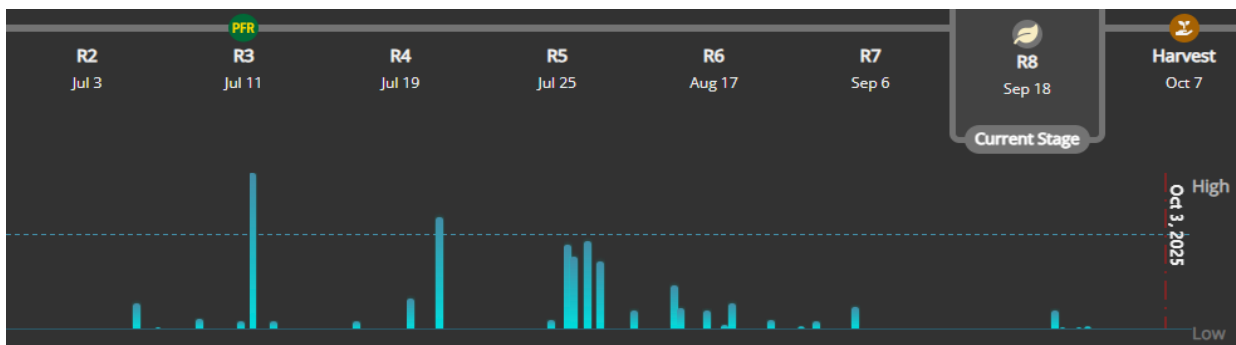
Soybean side by side yield comparison report

Herrmann Integrated Agronomy

Ben Herrmann



Planting Date:		5/8/2025		(309) 370-9432 baherrmann5@gmail.com				Grower name:		Princeville FFA		
Previous Crop:		Corn						Location:		Princeville, IL		
Planting Rate:		130,000						Harvest Date:		9/30/2025		
Fungicide		None			Average	Yield 67.3	Moist 9.1	Soil:		Clay / timber		
Herbicide		Liberty						Tillage:		No Till		
Planting		Actual			Test		Length		Width		Notes	
Order	Company	Variety	RM	Yield	% Moisture	Weight	Pounds	(Feet)	(Inches)	East to West		
1	Beck's	3760E3	3.7	72.1	10.1	58.8	936	487	240			
2	Beck's	3650E3	3.6	71.5	9.1	58.9	918	487	240			
3	Beck's	3670E3	3.6	69.5	8.8	60.6	890	487	240			
4	Beck's	3570E3	3.5	69.8	8.7	59.9	892	487	240			
5	Beck's	3140E3	3.1	63.8	9.0	59.5	810	482	240	No inoculant / Escalate		
6	Beck's	3140E3	3.1	66.8	9.1	59.8	472	268	240	Victor Ryze		
7	Beck's	3140E3	3.1	66.5	9.1	59.5	470	268	240	Complete Start		
8	Beck's	3140E3	3.1	64.3	9.0	58.5	454	268	240	Rhizolyzer		
9	Beck's	3140E3	3.1	64.0	9.1	58.8	452	268	240	GroPak		
10	Beck's	3140E3	3.1	64.3	9.0	58.8	454	268	240	Graphex SA		
11	Beck's	3140E3	3.1	67.5	8.9	59	476	268	240	WHC		



	Rainfall
May	2.58
June	3.89
July	7.09
August	1.56
Season total	15.24
Last rain >.2	August 18th .27"

2025 Herrmann Integrated Agronomy Soybean plot variety summary



Company	Variety	RM	Locations	Product vs plot mean		
Beck's	8407EE	3.4	2	4.3	2025 Seed treatment study	
Beck's	3270E3	3.2	4	2.7	Seed treatment	Yield gain
Beck's	XL2970E3	2.9	4	2.6	Saltro + Chitosan	2.3
Beck's	3670E3	3.6	2	2.4	Victor Ryze	1.7
Beck's	7492EE	2.9	3	2.2	GroPak	1.3
Beck's	3300E3	3.3	5	0.87	WHC	1.0
Beck's	XL3170E3	3.1	3	0.3	Graphex SA	0.4
Beck's	3140E3	3.1	4	-0.16	Rhizolyzer	0.2
Beck's	2660E3	2.6	4	-0.75	Complete Start	-0.6
Beck's	XL5446EE	3.2	3	-0.8		
Beck's	XL2770E3	2.7	3	-0.8	Plant Date Study April 17th vs May 6th	
Beck's	XL3570E3	3.5	4	-1.7		
Beck's	2550E3	2.5	3	-2.1		April advantage
Beck's	3760E3	3.7	2	-4.1	2550E3	2.6
Beck's	3460E3	3.4	2	-6.5	3270E3	6.0
EE = Experimental	E3 = Enlist	Summary only includes products that were planted in 2 or more locations			XL3570E3	6.8

2025 Test plot yield average and tillage summary

	Sparland	Hannah City	Glasford	Speer	Bradford
Average Yield	90.8	83.1	78.2	77.8	72
Avg grain moisture	9.8	9.1	9.9	12.1	12.1
Tillage	Strip-till	No-till	Chisel-Field Cultivate	Field Cultivate	No-till
Fungicide	None	Yes	Yes	Yes	None
May	2.73	2.46	2.52	3.01	2.32
June	2.89	3.27	3.34	3.58	3.71
July	7.01	4.09	4.28	6.46	6.84
August	1.94	1.77	1.89	1.13	0.99
Season total	17.08	13.76	12.14	16.92	14.17
Last rain >.2	August 10th 1.21"	August 18th .83"	August 19th 1.1"	August 18th .23"	August 18th .25"
Bushels per inch of rain	5.3	6.0	6.4	4.6	5.1