

2021 Hybrid Corn Test Results: North Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁵			DeKalb			Fenton			2-yr Avg. bu/a	3-yr Avg. bu/a	DeKalb Grain Quality		
						Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%
Early RM																			
Beck's	5393V2P	M	C2	G	103	259	16.4	0.0	254	16.2	0.0	265	16.6	0.0			Did not collect		
Beck's	5699V2P	M	C2	G	106	250	17.0	0.0	251	16.5	0.0	249	17.5	0.0					
Beck's	XL® 5202AM™	M	C2	L B	102	265	16.6	0.3	263	16.9	0.0	268	16.3	0.7					
Beck's	XL® 5507AM™	M	C2	L B	105	254	17.6	0.0	257	17.9	0.0	251	17.3	0.0					
Cornelius	C6400DGDP	M	C2	G	104	264	16.9	0.0	260	17.0	0.0	268	16.8	0.0					
Cornelius	C6401SS	M	C2	R2 L B	104	256	16.7	0.0	251	16.5	0.0	261	16.9	0.0	251				
Cornelius	C6438DP	M	C2	G	104	265	16.5	0.3	263	17.2	0.0	267	15.8	0.7	255				
Cornelius	C6552PC	M	C2	L O	105	254	18.3	0.0	251	17.7	0.0	256	18.9	0.0					
Dairyland	DS-4310AM	M	C2	B	103	253	18.0	0.0	255	17.8	0.0	251	18.2	0.0	247				
Dairyland	DS-4510Q	M	C2	R2 L B	105	275	18.0	0.0	274	18.1	0.0	276	18.0	0.0					
Dairyland	HiDF-3802Q	M	C2	R2 L B	105	264	17.1	0.0	260	16.9	0.0	267	17.3	0.0					
NuTech	60A2Q	M	C2	R2 B	100	249	16.9	0.2	258	17.1	0.0	239	16.7	0.3					
NuTech	63C4Q	M	C2	R2 L B	103	249	17.8	1.3	256	17.4	0.0	243	18.3	2.7					
Pioneer	P0075Q	M	C2	R2 L B	100	257	16.7	0.0	259	17.0	0.0	255	16.4	0.0					
Pioneer	P0306Q	M	C2	R2 L B	103	257	16.5	0.0	267	16.6	0.0	247	16.5	0.0	249				
Renk	RK700SSTX	M	C2	R2 L B	107	265	19.7	0.3	264	19.4	0.0	267	20.0	0.7					
Sun Prairie Seeds	SP2378	M	C2	G	103	242	15.7	0.0	245	16.0	0.0	239	15.5	0.0					
Wyffels Hybrids	W4196RIB	L	C2	G	105	249	17.6	0.3	259	17.3	0.0	240	17.9	0.7					
Non-GMO Hybrids																			
Hi Fidelity	HFG1051	M			105	258	18.7	0.0	257	18.1	0.0	258	19.2	0.0					
Hi Fidelity	HFG1071	M			105	256	17.2	0.0	253	17.6	0.0	258	16.7	0.0					
Prairie	3259				105	252	16.2	0.3	255	16.1	0.0	249	16.2	0.7	248				
Prairie	4470				106	267	17.8	0.0	272	17.0	0.0	261	18.7	0.0					
Viking	84-05	L			105	263	16.7	0.0	259	16.6	0.0	267	16.9	0.0					
Viking	O.46-02	L			102	245	15.7	0.0	254	16.2	0.0	236	15.2	0.0					
Viking	O.51-04P	L			104	254	18.4	0.0	256	19.0	0.0	252	17.8	0.0	247				
	Average					257	17.2		258	17.2		256	17.3						
	L.S.D 25% Level					8	0.7		11	0.6		11	1.0						
	CV (%)					5	5.8		4	3.7		5	5.8						
Any RM																			
AXIS	59R27RIB	L	C2	G	106	257	20.2	0.0	247	19.7	0.0	266	20.7	0.0					
AXIS	62A58RIB	M	C2	R2 L B	112	246	23.4	0.2	238	21.4	0.0	254	25.4	0.4	245				
AXIS	62B56RIB	M	C2	R2 L B	110	266	22.9	0.0	254	21.2	0.0	278	24.7	0.0					
AXIS	62V29RIB	L	C2	G	113	246	23.1	0.0	242	22.8	0.0	250	23.4	0.0					
Beck's	5899SX	M	C3	R2 L3 B	108	252	21.9	0.0	243	20.5	0.0	261	23.3	0.0					
Beck's	6374V2P	M	C2	G	113	255	23.4	0.0	255	21.7	0.0	254	25.0	0.0	253				
Beck's	XL® 5909AM™	M	C2	L B	109	256	20.8	0.3	239	20.6	0.0	272	21.1	0.7					
Beck's	XL® 6081AM™	M	C2	L B	110	248	21.3	0.0	235	21.4	0.0	260	21.2	0.0					
Beck's	XL® 6256AM™	M	C2	L B	112	262	21.2	0.7	253	21.1	0.0	272	21.2	1.4					
Channel	202-24STXRIB	M	C2	R2 L B	102	248	16.3	0.0	241	17.7	0.0	255	14.9	0.0					
Channel	207-87VT2PRIB	M	C2	G	107	255	19.1	0.0	247	19.4	0.0	263	18.8	0.0					
Channel	210-46STXRIB	M	C2	R2 L B	110	246	21.7	0.0	220	20.1	0.0	272	23.2	0.0					
Channel	212-04STXRIB	M	C2	R2 L B	112	254	23.7	0.0	247	23.0	0.0	261	24.4	0.0	252				
Channel	214-22STXRIB	M	C2	R2 L B	114	262	23.1	0.0	250	21.9	0.0	275	24.3	0.0					
Cornelius	7228VT2P	M	C2	G	112	247	21.9	1.3	243	20.5	0.0	251	23.3	2.7					
Cornelius	C575DP	M	C2	G	109	271	20.7	0.0	272	19.7	0.0	269	21.6	0.0					
Cornelius	C6708DP	M	C2	G	107	257	20.4	0.0	254	19.6	0.0	261	21.2	0.0					
Cornelius	C6812DP	M	C2	G	108	254	20.3	0.0	242	20.2	0.0	265	20.4	0.0					

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						Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%
Cornelius	C6936SS	M	C2 R2 L	B	109	254	21.6	0.5	244	20.1	0.0	263	23.0	1.0					
Cornelius	C7125DP	M	C2	G	111	256	22.5	0.0	255	21.2	0.0	256	23.9	0.0	251				
Cornelius	C7270DP	M	C2	G	112	259	20.6	0.0	253	20.2	0.0	266	20.9	0.0	256				
Cornelius	C7308SS	M	C2 R2 L	B	113	262	22.2	0.0	251	20.8	0.0	273	23.6	0.0					
Cornelius	C7366DGDP	M	C2	G	113	279	23.3	0.0	281	22.1	0.0	276	24.5	0.0	268				
Dairyland	DS-4878AM	M	C2	B	108	256	20.3	0.0	246	19.8	0.0	266	20.8	0.0					
Dairyland	DS-4910AML	M	C2 R2 L	B	109	244	21.2	0.0	229	21.4	0.0	259	21.0	0.0					
Dairyland	DS-4917AM	M	C2	B	109	255	21.0	0.0	238	21.1	0.0	272	20.8	0.0					
Dairyland	DS-5144Q	M	C2 R2	B	111	277	20.8	0.0	264	19.5	0.0	289	22.1	0.0	263				
Dekalb	DKC56-65RIB	M	C2 R2 L	B	106	254	19.6	0.0	249	20.1	0.0	258	19.1	0.0					
Dekalb	DKC57-71RIB	M	C2 R2 L	B	107	265	19.7	0.0	254	18.7	0.0	276	20.7	0.0					
Dekalb	DKC58-64RIB	M	C2 R2 L	B	108	250	21.2	0.0	245	19.4	0.0	255	23.1	0.0	253				
Dekalb	DKC59-82RIB	M	C2	G	109	264	21.1	0.0	252	20.1	0.0	277	22.0	0.0	261				
Dekalb	DKC62-70RIB	M	C2	G	112	251	20.7	0.0	235	20.0	0.0	268	21.4	0.0					
Dekalb	DKC63-90RIB	M	C2 R2 L	B	113	256	21.6	0.3	250	19.3	0.0	262	23.9	0.7	262				
Dekalb	DKC64-64RIB	M	C2 R2 L	B	114	251	22.7	0.3	250	21.4	0.0	252	24.0	0.7					
Dekalb	DKC65-84RIB	M	C2 R2 L	B	115	254	23.0	0.0	243	21.5	0.0	265	24.4	0.0					
NuTech	64B5Q	M	C2 R2 L	B	104	259	20.0	0.0	266	19.0	0.0	251	21.0	0.0					
NuTech	64D1AM	M	C2	G	104	247	19.3	0.0	237	18.8	0.0	257	19.8	0.0					
NuTech	66C2Q	M	C2 R2 L	B	106	259	19.8	0.0	250	19.8	0.0	268	19.8	0.0					
NuTech	68A7AM	M	C2	G	108	262	21.0	0.0	249	20.7	0.0	276	21.3	0.0	259				
NuTech	69A6Q	M	C2 R2 L	B	109	243	19.9	0.0	229	19.4	0.0	256	20.5	0.0					
NuTech	69B9Q	M	C2 R2 L	B	109	257	20.3	0.5	242	19.4	0.0	271	21.3	1.0					
NuTech	70A8AM	M	C2	G	110	260	20.6	0.0	246	20.3	0.0	275	20.8	0.0	261				
NuTech	70F2Q	M	C2 R2 L	B	110	264	21.3	0.3	261	19.6	0.0	267	23.0	0.6	267				
NuTech	71F5Q	M	C2 R2 L	B	111	240	21.4	0.5	232	21.2	0.0	247	21.6	1.0					
NuTech	72B7Q	M	C2 R2 L	B	112	264	22.2	0.0	255	20.9	0.0	273	23.5	0.0					
Pioneer	P0720Q	M	C2 R2 L	B	105	249	19.3	0.0	235	18.8	0.0	263	19.8	0.0	250				
Pioneer	P1099Q	M	C2 R2 L	B	110	270	20.2	0.2	267	19.6	0.0	272	20.9	0.5	263				
Pioneer	P1108Q	M	C2 R2 L	B	111	268	22.4	0.0	253	20.4	0.0	284	24.4	0.0	260				
Pioneer	P1185Q	M	C2 R2 L	B	111	242	21.3	0.1	229	21.2	0.0	255	21.3	0.2					
Pioneer	P1366Q	M	C2 R2 L	B	113	251	22.4	0.3	244	21.4	0.0	257	23.3	0.6	255				
Renk	RK710SSTX	M	C2 R2 L	B	107	235	19.0	0.0	234	20.2	0.0	236	17.8	0.0					
Renk	RK782VT2P	L	C2	G	109	255	20.8	0.0	251	21.4	0.0	258	20.2	0.0					
Renk	RK821SSTX	M	C2 R2 L	B	111	259	20.2	0.7	255	19.1	0.0	262	21.2	1.3					
Renk	RK826VT2P	L	C2	G	111	255	21.0	0.0	244	19.3	0.0	266	22.7	0.0					
Renk	RK882TRE	L	C2 L	G	111	257	22.0	0.0	243	20.0	0.0	272	24.1	0.0					
Stone Seed	0122SS	H	C2 R2 L2	B	101	250	16.7	0.0	241	17.6	0.0	259	15.8	0.0	241				
Stone Seed	0321SS	H	C2 R2 L2	B	103	240	16.7	0.0	241	17.3	0.0	240	16.0	0.0	237				
Stone Seed	0931SS	H	C2 R2 L2	B	109	255	22.3	0.0	236	21.0	0.0	275	23.5	0.0	257				
Stone Seed	1122SS	H	C2 R2 L2	B	111	226	20.5	0.5	223	20.2	0.0	230	20.7	1.0					
Stone Seed	1332SS	H	C2 R2 L2	B	113	259	23.4	0.0	256	21.8	0.0	261	25.1	0.0					
Stone Seed	5638RIB	H	C2 R2 L2	B	106	244	19.5	0.0	240	19.2	0.0	249	19.7	0.0					
Stone Seed	6078RIB	H	C2 R2 L2	B	110	269	21.3	0.0	265	21.2	0.0	272	21.5	0.0	259				
Stone Seed	6368RIB	H	C2 R2 L2	B	113	269	22.7	0.0	256	21.5	0.0	281	24.0	0.0	258				
Sun Prairie Seeds	SP2473	M	C2 R2	B	107	236	18.8	0.0	230	18.8	0.0	241	18.7	0.0					
Wyffels Hybrids	W5086RIB	L	C2	G	107	257	21.3	0.0	253	21.4	0.0	261	21.1	0.0					
Wyffels Hybrids	W7876RIB	L	C2	G	114	253	24.0	0.4	249	21.8	0.0	257	26.2	0.7					

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						Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%	
Non-GMO Hybrids																				
Cappel Seed	4720				107	225	18.4	0.0	215	19.1	0.0	236	17.6	0.0	221					
Cappel Seed	4920				109	233	21.8	0.0	216	21.4	0.0	250	22.3	0.0						
Cappel Seed	5320				112	249	21.5	0.5	256	20.2	0.0	241	22.7	1.0	246					
Hi Fidelity	HFG1111	M			111	243	21.9	0.0	230	22.1	0.0	257	21.6	0.0	250					
Prairie	5142				109	244	21.1	0.0	235	21.5	0.0	254	20.8	0.0						
Prairie	5787				108	244	20.1	0.0	237	19.6	0.0	252	20.6	0.0	246					
Prairie	5900				108	237	18.5	0.0	236	17.5	0.0	239	19.4	0.0	239					
Prairie	6590				111	251	19.7	0.0	247	18.3	0.0	256	21.1	0.0	249					
Prairie	6878				112	247	23.8	0.0	238	22.7	0.0	256	24.9	0.0	260					
Prairie	8904				113	249	22.5	0.0	235	21.9	0.0	263	23.1	0.0						
Viking	58-11	L			111	246	21.0	0.0	242	20.7	0.0	251	21.4	0.0						
Viking	O.48-08P	L			108	250	20.6	0.0	252	20.3	0.0	248	20.9	0.0	248					
Viking	O.72-06	L			106	261	19.2	0.0	263	18.3	0.0	260	20.1	0.0						
	Average					253	20.8		245	20.2		260	21.4							
	L.S.D 25% Level					10	1.4		14	1.0		11	1.2							
	CV (%)					6	10.1		6	5.3		5	5.8							

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

⁴Lodging: 0= none, 9= All

⁵Freeport was not harvested due to a herbicide application error.

	Freeport	DeKalb	Fenton
Location			
County	Stephenson	DeKalb	Whiteside
Site Location	Click to see map	Click to see map	Click to see map
Host	Highland Community Coll	John and Jim Boesche	Ron and Dave Mickley
Soil type	Fayette silt loam	Drummer silty clay loam	Coffeen silt loam
Planting date	April 27, 2021	April 27, 2021	April 26, 2021
Harvest date	Did not harvest	October 9, 2021	September 23, 2021
Nitrogen applied	182 lbs. as PPI UAN	200 lbs as PPI UAN	160 lbs as PPI NH3

Pesticides

PRE		Tripleflex	Resicore
POST	Impact	Impact	Impact
Fungicide	None	Yes	Yes
Tillage			
Spring	Field cultivator	Field cultivator	Field cultivator
Fall	None	None	Chisel
Latitude	42.28843372	41.86826876	41.74691467
Longitude	-89.681558	-88.82629283	-90.0166284

RainFall

April	2.6	1.6	4.0
May	2.5	2.9	6.2
June	2.6	8.3	3.3
July	3.1	2.2	4.0
August	3.4	1.8	0.9
September	0.7	1.0	1.0
Total	14.9	17.8	19.4