

2022 Hybrid Corn Test Results: North Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁴		Freeport		DeKalb		2-yr Avg. bu/a	3-yr Avg. bu/a
						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %		
Early RM													
Beck's	5393V2P	M	C2	L2	G	103	224	17.2	199	15.6	249	18.8	242
Beck's	XL® 5413Q™	M	C2	L1	B	105	221	18.8	202	19.2	241	18.5	
Beck's	XL® 5647Q™	M	C2	L2	G	106	239	19.2	221	18.8	258	19.6	
Cornelius	C6525SSP	M	C	R	L	B	105	225	20.0	209	20.2	241	19.7
Dairyland	DS-4014Q	H	C2	R2	B	100	211	17.2	195	17.2	227	17.2	
Dairyland	DS-4310AM	H	C2		B	103	218	18.9	207	18.1	229	19.7	235
Dairyland	DS-4510Q	H	C2	R2	B	105	220	19.5	212	19.3	229	19.6	248
Dairyland	DS-4567Q	H	C2	R2	B	105	224	19.0	207	18.8	240	19.2	
NuTech	64B5Q	M	C2	R2	B	104	226	19.5	207	19.6	246	19.3	
NuTech	66C2Q	M	C2	R2	B	106	233	19.1	221	18.6	244	19.6	
Non-GMO Hybrids													
Prairie	3259					105	219	18.0	200	17.4	237	18.6	235
Prairie	4470					106	219	18.1	198	17.4	240	18.7	243
Viking	84-05	L				105	220	17.8	207	16.8	234	18.9	242
Viking	O.46-02P	L				102	213	15.6	197	15.0	229	16.3	
Viking	O.51-04P	L				104	214	18.9	203	17.9	225	19.8	234
Viking	O.84-04	L				104	218	17.6	201	16.4	234	18.7	236
	Average						222	18.4	205	17.9	238	18.9	
	L.S.D 25% Level						7	0.9	10	0.6	10	0.7	
	CV (%)						5	7.2	5	3.4	5	3.6	
Any RM													
AXIS	59A25RIB	L	C2		G	109	230	19.3	210	19.0	251	19.5	
AXIS	59R27RIB	L	C2		G	109	218	21.1	215	21.0	221	21.3	237
AXIS	60P59RIB	M	C2	L2	B	110	232	21.5	213	21.3	250	21.6	
AXIS	62A58RIB	M	C2	L2	B	112	229	22.7	218	23.7	240	21.6	238
AXIS	62B56RIB	L	C2		G	112	235	22.4	219	22.3	250	22.5	250
AXIS	63W23RIB	L	C2		G	113	234	22.8	211	23.1	256	22.5	
Beck's	5899SX	M	C2	L1	B	108	239	21.3	233	22.4	245	20.2	246
Beck's	6128V2P	M	C2	L2	G	111	211	19.7	197	19.6	225	19.8	
Beck's	6278SX	M	C2	L2	G	112	231	23.0	211	23.4	251	22.6	
Beck's	6374V2P	M	C2	L2	G	113	243	22.2	233	22.7	253	21.6	249
Beck's	XL® 5864AM™	M	C2	L1	B	108	239	22.5	227	21.9	252	23.1	
Beck's	XL® 6041Q™	M	C2	L1	B	110	237	20.7	223	21.0	250	20.4	
Beck's	XL® 6081AM™	M	C2	L1	B	110	230	21.8	205	22.8	255	20.8	239
Channel	202-58SSPRIB	M	C2	R3	B	102	225	17.2	207	16.4	243	17.9	
Channel	206-16SSPRIB	M	C2	R3	B	106	222	19.4	207	18.9	236	19.8	
Channel	210-46VT2PRIB	M	C2		G	110	249	21.4	241	22.3	258	20.4	
Channel	211-11SSPRIB	M	C2	R3	B	111	231	21.7	225	23.2	237	20.2	
Channel	212-52SSPRIB	M	C2	R3	B	112	225	21.1	208	21.8	243	20.5	
Channel	214-22STXRIB	M	C2	R3	B	114	225	22.4	190	22.5	260	22.3	244
Channel	214-78DGV2PRIB	M	C2		G	114	242	23.7	222	24.8	262	22.6	
Cornelius	C575DP	L	C	L	G	109	224	19.4	207	19.5	242	19.2	248
Cornelius	C6724SS	M	C	R	L	B	107	234	19.5	19.7	246	19.2	
Cornelius	C6762SSP	M	C	R	L	B	107	217	19.1	205	18.5	229	19.6
Cornelius	C6847TRE	L	C		L	G	108	238	20.0	225	20.5	251	19.6
Cornelius	C6900	L				109	222	20.2	205	20.8	238	19.6	
Cornelius	C7021DP	L	C	L	G	110	216	20.3	198	21.5	233	19.1	
Cornelius	C7124SS	M	C	R	L	B	111	228	21.6	217	21.6	239	21.5

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						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %				
Cornelius	C7270DP	L	C	L	G	112	225	23.1	211	23.2	238	242	246		
Cornelius	C7308SS	M	C	R	L	B	113	238	22.9	229	22.7	246	23.0	250	
Cornelius	C7357DP	L	C		L	G	113	238	21.7	229	23.1	246	20.2		
Cornelius	C7366DGDP	L	C		L	G	113	243	22.4	234	21.6	251	23.2	261	260
Cornelius	C7373SSP	M	C	R	L	B	113	231	21.3	218	22.5	244	20.1		
Dairyland	DS-4878AM	H	C2			B	108	235	20.8	221	20.6	249	21.0	246	
Dairyland	DS-4917AM	H	C2			B	109	236	22.2	218	22.8	254	21.5	246	
Dairyland	DS-5095AM	H	C2			B	110	239	22.4	215	23.0	262	21.8		
Dairyland	DS-5144Q	H	C2	R2		B	111	230	20.6	209	21.1	252	20.2	253	252
Dairyland	DS-5161Q	H	C2	R2		B	111	233	21.5	222	21.0	244	22.0		
Dekalb	DKC105-33RIB	H	C2	R2	L	B	105	221	19.9	203	19.9	239	19.9		
Dekalb	DKC107-33RIB	H	C2	R2	L	B	107	223	21.0	205	20.7	241	21.4		
Dekalb	DKC111-33RIB	H	C2	R2	L	B	111	230	21.1	216	22.4	244	19.8		
Dekalb	DKC56-26RIB						106	240	19.4	220	20.3	260	18.5		
Dekalb	DKC56-65RIB	H	C2	R2	L	B	106	213	19.5	206	19.0	221	20.1	233	
Dekalb	DKC59-82RIB	H	C2			G	109	240	19.2	233	18.7	247	19.8	252	254
Dekalb	DKC62-69RIB	H	C2	R2	L	B	112	218	22.1	204	22.2	232	22.0		
Dekalb	DKC66-17RIB	H	C2	R2	L	B	116	234	24.5	221	25.2	246	23.9		
Dyna-Gro	D47SS93	H	C	R		B	107	232	19.7	213	19.5	250	19.8		
Dyna-Gro	D48SS50	H	C	R		B	108	231	20.8	221	21.1	240	20.6		
Dyna-Gro	D51SS61	H	C	R		B	111	226	22.9	209	23.7	242	22.0		
Dyna-Gro	D53SS13	H	C	R		B	113	236	23.0	218	24.2	255	21.8		
NuTech	64B5Q	M	C2	R2		B	104	226	18.6	218	18.8	233	18.5	242	
NuTech	66C2Q	M	C2	R2		B	106	244	19.5	225	19.3	264	19.8	251	
NuTech	68A7AM	M	C2			B	108	244	21.1	229	21.4	259	20.8	253	254
NuTech	69B9Q	M	C2	R2		B	109	241	20.6	229	20.8	252	20.5	249	
NuTech	70A8AM	M	C2			B	110	231	22.1	219	21.5	243	22.6	246	251
NuTech	70F6Q	M	C2	R2		B	110	245	20.2	233	20.3	256	20.0		
NuTech	72A5Q	M	C2	R2		B	112	238	22.0	229	22.5	247	21.5		
NuTech	72D4Q	M	C2	R2		B	112	213	22.3	182	22.5	244	22.1		
NuTech	73A6Q	M	C2	R2		B	113	233	22.5	215	23.1	251	21.9		
NuTech	74C4AM	M	C2			B	114	227	23.1	202	23.9	252	22.3		
Pioneer	P0720Q	M	C2	R2		B	107	230	20.0	223	19.7	237	20.3	240	244
Pioneer	P0924Q	M	C2	R2		B	109	226	22.0	204	22.3	247	21.6		
Renk	RK700SSTX	M	C2	R2		B	108	230	20.2	225	20.5	236	19.9		
Renk	RK710DGVT2P	L	C2		L	G	107	223	18.7	206	18.7	240	18.7		
Renk	RK715SSTX	M	C2	R2		B	105	223	17.9	207	17.7	239	18.1		
Renk	RK774VT2P	L	C2		L	G	108	228	19.8	213	20.1	243	19.4		
Renk	RK805VT2P	L	C2		L	G	110	222	18.8	202	18.8	243	18.8		
Renk	RK826VT2P	L	C2		L	G	111	230	21.9	214	21.8	245	22.0	242	
Stone Seed	0403SP	M	C3	R3	L2	B	104	224	18.2	209	17.5	240	18.9		
Stone Seed	0603SP	M	C3	R3	L2	B	106	217	20.3	191	20.9	242	19.6		
Stone Seed	0931SS	M	C3	R3	L2	B	109	235	23.0	219	24.5	252	21.4	245	250
Stone Seed	1103SS	M	C3	R3	L2	B	111	231	21.8	213	23.3	249	20.3		
Stone Seed	1303SP	M	C3	R3	L2	B	113	237	21.0	225	21.6	249	20.5		
Stone Seed	1332SS	M	C3	R3	L2	B	113	228	22.5	207	24.0	249	21.1	243	
Non-GMO Hybrids															
Prairie	5142					109	213	20.1	194	20.3	232	19.8	228		
Prairie	5883					109	226	20.6	215	21.0	237	20.1			
Prairie	6878					112	235	24.7	220	25.5	249	23.9	241	251	

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						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %	bu/a	bu/a
Prairie	8904				113	224	24.5	207	26.3	241	22.7	236	
Viking	58-11	L			111	206	21.3	185	22.3	227	20.3	226	
Viking	O.48-08P	L			108	222	20.5	204	20.6	240	20.4	236	239
Viking	O.85-09	L			109	246	19.7	248	20.2	244	19.2		
	Average					230	21.1	215	21.4	245	20.8		
	L.S.D 25% Level					10	1.0	11	1.1	9	1.0		
	CV (%)					7	7.4	5	5.4	4	5.2		

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

⁴ The Fenton location was not used due to a accidental application of herbicide.

	Freeport	DeKalb	Fenton
Location	Stephenson	DeKalb	Whiteside
County	Stephenson	DeKalb	Whiteside
Site Location	Click to see map	Click here for directions	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	May 11, 2022	May 16, 2022	May 10, 2022
Harvest date	October 31, 2022	November 1, 2022	October 31, 2022
Nitrogen applied	182 lbs. as PPI UAN	150 lbs as PPI UAN 40 lbs side dress as UAN	160 lbs as PPI NH3
Pesticides			
PRE	Acuron	Tripleflex and Infantry	SureStart II and Atrazine
POST	Impact	Laudis and Infanty	Roundup, SAT, Atrazine
Fungicide	None	None	None
Tillage			
Spring	Field cultivator	Field cultivator	Field cultivator
Fall	None	Disk Ripper	Chisel
Latitude	42.28843372	41.86845472	41.74691467
Longitude	-89.681558	-88.82642325	-90.0166284
RainFall			
April	4.7	4.1	4.2
May	4.1	4.2	4.3
June	2.1	2.3	2.8
July	5.6	3.7	4.0
August	13.4	8.0	5.0
September	2.9	1.5	3.9
Total	32.8	23.8	24.2