

2023 Hybrid Corn Test Results: Region 1 (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results		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														
Cornelius	C6400DGDP	L	C	L	G	104	257	19.7	250	19.0	263	20.4		
Cornelius	C6472TRE	L	C	L	G	104	276	20.6	274	19.4	278	21.8		
Cornelius	C6525SSP	L	C	R	L	B	105	264	20.9	260	20.7	268	21.2	245
Cornelius	C6552PC	L	C	L	B	105	265	20.3	259	19.3	271	21.3		
Cornelius	C6578PC	L	C	L	B	105	270	19.9	260	19.4	281	20.4		
NuTech	64B5Q					105	267	19.9	258	20.3	275	19.5	246	
Non-GMO Hybrids														
Blue River	49M23	L				103	262	19.4	250	19.7	274	19.0		
Prairie	3051					105	271	20.7	264	18.1	278	23.3		
Prairie	3259					105	258	21.8	251	19.7	265	23.9	238	
Prairie	4470					106	263	19.5	254	19.1	272	19.9	241	
Viking	O.46-02P	L				102	257	19.2	247	17.6	267	20.8	235	
Viking	O.84-04	L				104	260	20.4	251	18.6	269	22.3	239	
	Average						263	20.2	255	19.3	272	21.2		
	L.S.D 25% Level						8	1.6	7	0.7	9	1.8		
	CV (%)						5	11.1	3	4.0	3	8.8		
Any RM														
AXIS	59D50RIB	M	C2	R3	L3	B	109	259	24.9	246	24.8	273	25.0	
AXIS	59R27RIB	L	C2			B	109	255	23.6	249	25.0	261	22.3	237
AXIS	60N61	L	C2			B	110	250	23.6	237	23.9	263	23.3	
AXIS	62B56RIB	M	C2	R3	L3	B	112	260	24.8	248	24.3	272	25.2	247
AXIS	63F60RIB	M	C3	R3	L3	B	113	258	23.9	261	25.5	254	22.2	
AXIS	63W23RIB	L	C2			B	113	259	24.1	260	24.0	259	24.3	247
AXIS	66V66RIB	M	C3	R3	L3	B	116	250	28.0	245	30.2	254	25.8	
Channel	206-16SSPRIB	M	C2	R3		B	106	259	22.2	261	20.8	257	23.6	240
Channel	207-87VT2PRIB	M	C2			G	107	271	23.8	266	22.3	276	25.3	
Channel	210-08VT2PRIB	M	C2			G	110	275	24.4	282	25.0	268	23.7	
Channel	210-46VT2PRIB	M	C2			G	110	260	24.3	249	24.6	271	24.0	254
Channel	211-11SSPRIB	M	C2	R3		B	111	262	24.3	260	23.6	263	25.0	246
Channel	212-52SSPRIB	M	C2	R3		B	112	258	23.3	256	24.0	260	22.6	242
Cornelius	C6724SS	L	C	R	L	B	107	253	22.6	256	20.4	249	24.8	243
Cornelius	C6847TRE	L	C		L	G	108	255	23.3	246	22.9	265	23.7	247
Cornelius	C6936SS	L	C	R	L	B	109	269	24.1	268	22.8	271	25.4	
Cornelius	C7021DP	L	C		L	G	110	259	23.6	244	24.6	273	22.6	237
Cornelius	C7202SSP	L	C	R	L	B	112	257	26.8	250	26.2	264	27.4	
Cornelius	C7235PC	L	C		L	B	112	270	24.0	254	23.0	286	25.0	
Cornelius	C7308SS	L	C	R	L	B	113	261	24.5	254	23.9	269	25.1	250
Cornelius	C7357DP	L	C		L	G	113	255	25.7	247	26.3	264	25.1	247
Cornelius	C7366DGDP	L	C		L	G	113	263	25.1	270	25.6	256	24.7	253
Dyna-Gro	D48SS50						108	265	22.6	255	20.4	275	24.9	248
Dyna-Gro	D50VC09						110	260	24.8	246	23.3	274	26.2	
Dyna-Gro	D53SS13						113	256	23.2	260	22.7	253	23.6	246
Dyna-Gro	D56TC44						116	253	26.1	240	27.1	266	25.0	
NuTech	66D1AM						106	266	22.8	265	21.0	268	24.6	
NuTech	68A7AM						108	260	23.3	233	22.4	287	24.1	252

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						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %		
NuTech	68A9AM				108	259	21.3	244	19.4	274	23.3		
NuTech	70B4AM				110	254	22.6	254	21.5	254	23.8		
NuTech	70F6Q				110	254	23.8	243	22.1	265	25.4	249	
NuTech	72A5Q				112	252	24.2	237	23.9	267	24.4	245	
NuTech	73A4AM				113	244	24.9	234	25.4	255	24.3		
NuTech	73A6Q				113	256	23.7	246	22.4	265	24.9	244	
Renk	RK703PWE	M	C2	G	106	253	23.1	232	22.0	274	24.1		
Renk	RK707TRE	M	C2	L G	105	266	22.2	250	18.1	282	26.4		
Renk	RK720TRE	M	C2	L G	106	272	23.5	252	19.9	292	27.1		
Renk	RK766SSPRO	M	C2 R3	B	109	263	23.0	274	20.7	252	25.3		
Renk	RK773TRE	M	C2	L G	109	265	24.0	257	23.4	273	24.7		
Renk	RK811PWE	M	C2	L G	111	267	23.8	261	22.7	272	24.8		
Renk	RK876VT2P	M	C2	G	113	256	26.7	251	28.9	260	24.5		
Stone Seed	0304SS	M	C3 R2	L2 B	103	255	22.4	248	19.1	262	25.7		
Stone Seed	0603SP	M	C3 R3	L2 B	106	246	23.7	223	21.6	269	25.8	231	
Stone Seed	0904SP	M	C3 R3	L2 B	109	274	23.8	280	24.3	267	23.3		
Stone Seed	1103SS	M	C3 R3	L2 B	111	267	25.3	259	24.3	275	26.3	249	
Stone Seed	1303SP	M	C3 R3	L2 B	113	268	25.2	254	26.0	282	24.3	252	
Non-GMO Hybrids													
Blue River	64K93	L			111	246	24.1	229	24.2	263	24.0		
Prairie	5883				109	259	22.8	253	21.0	266	24.6	243	
Prairie	6878				112	261	24.9	251	25.8	271	23.9	248	247
Prairie	7461				112	252	22.9	240	22.7	263	23.2		
Prairie	8683				115	250	25.8	231	26.9	269	24.6		
Prairie	8864				114	259	26.5	244	26.6	273	26.4		
Prairie	8904				113	268	25.8	258	27.5	277	24.2	246	247
Viking	72-06	L			106	251	22.5	246	20.3	256	24.6		
Viking	O.85-09	L			109	255	24.1	252	21.6	258	26.6	251	
Average						259	24.1	251	23.5	267	24.7		
L.S.D 25% Level						13	2.3	14	1.4	11	2.0		
CV (%)						7	14.3	6	6.4	4	8.4		

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

	Freeport	DeKalb
Location	Stephenson	DeKalb
County	Stephenson	DeKalb
Site Location	Click to see map	Click here for directions
Host	Highland Community Col	John and Jim Boesche
Soil type	Fayette silt loam	Drummer silty clay loam
Planting date	May 17, 2023	May 17, 2023
Harvest date	October 31, 2023	October 30, 2023
Nitrogen applied	182 lbs. as PPI UAN	150 lbs as PPI UAN 40 lbs side dress as UAN

Pesticides

PRE	Acuron	Tripleflex and Infantry
POST	Impact	Laudis and Infantry
Fungicide	None	None

Tillage

Spring	Field cultivator	Field cultivator
Fall	None	Disk Ripper
Latitude	42.28843372	41.86311428
Longitude	-89.681558	-88.80348043

RainFall

April	2.0	2.8
May	2.3	1.5
June	2.1	1.1
July	5.3	5.9
August	0.9	2.6
September	5.3	2.5
Total	17.9	16.4