

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	104	L	C	L	G	257	19.7	250	19.0	263	20.4			
Cornelius	C6472TRE	104	L	C	L	G	276	20.6	274	19.4	278	21.8			
Cornelius	C6525SSP	105	L	C	R	L	B	264	20.9	260	20.7	268	21.2	245	
Cornelius	C6552PC	105	L	C	L	B	265	20.3	259	19.3	271	21.3			
Cornelius	C6578PC	105	L	C	L	B	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	103	L				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	243	
Prairie	4470	106					263	19.5	254	19.1	272	19.9	241	250	
Viking	O.46-02P	102	L				257	19.2	247	17.6	267	20.8	235		
Viking	O.84-04	104	L				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	109	M	C2	R3	L3	B	259	24.9	246	24.8	273	25.0		
AXIS	59R27RIB	109	L	C2			B	255	23.6	249	25.0	261	22.3	237	243
AXIS	60N61	110	L	C2			B	250	23.6	237	23.9	263	23.3		
AXIS	62B56RIB	112	M	C2	R3	L3	B	260	24.8	248	24.3	272	25.2	247	254
AXIS	63F60RIB	113	M	C3	R3	L3	B	258	23.9	261	25.5	254	22.2		
AXIS	63W23RIB	113	L	C2			B	259	24.1	260	24.0	259	24.3	247	
AXIS	66V66RIB	116	M	C3	R3	L3	B	250	28.0	245	30.2	254	25.8		
Channel	206-16SSPRIB	106	M	C2	R3		B	259	22.2	261	20.8	257	23.6	240	
Channel	207-87VT2PRIB	107	M	C2			G	271	23.8	266	22.3	276	25.3		
Channel	210-08VT2PRIB	110	M	C2			G	275	24.4	282	25.0	268	23.7		
Channel	210-46VT2PRIB	110	M	C2			G	260	24.3	249	24.6	271	24.0	254	
Channel	211-11SSPRIB	111	M	C2	R3		B	262	24.3	260	23.6	263	25.0	246	
Channel	212-52SSPRIB	112	M	C2	R3		B	258	23.3	256	24.0	260	22.6	242	
Cornelius	C6724SS	107	L	C	R	L	B	253	22.6	256	20.4	249	24.8	243	
Cornelius	C6847TRE	108	L	C	L		G	255	23.3	246	22.9	265	23.7	247	
Cornelius	C6936SS	109	L	C	R	L	B	269	24.1	268	22.8	271	25.4		
Cornelius	C7021DP	110	L	C	L		G	259	23.6	244	24.6	273	22.6	237	
Cornelius	C7202SSP	112	L	C	R	L	B	257	26.8	250	26.2	264	27.4		
Cornelius	C7235PC	112	L	C	L		B	270	24.0	254	23.0	286	25.0		
Cornelius	C7308SS	113	L	C	R	L	B	261	24.5	254	23.9	269	25.1	250	254
Cornelius	C7357DP	113	L	C	L		G	255	25.7	247	26.3	264	25.1	247	
Cornelius	C7366DGDP	113	L	C	L		G	263	25.1	270	25.6	256	24.7	253	261
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	255	

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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	106	M	C2	G	253	23.1	232	22.0	274	24.1			
Renk	RK707TRE	105	M	C2	L	266	22.2	250	18.1	282	26.4			
Renk	RK720TRE	106	M	C2	L	272	23.5	252	19.9	292	27.1			
Renk	RK766SSPRO	109	M	C2	R3	263	23.0	274	20.7	252	25.3			
Renk	RK773TRE	109	M	C2	L	265	24.0	257	23.4	273	24.7			
Renk	RK811PWE	111	M	C2	L	267	23.8	261	22.7	272	24.8			
Renk	RK876VT2P	113	M	C2	G	256	26.7	251	28.9	260	24.5			
Stone Seed	0304SS	103	M	C3	R2	L2	B	255	22.4	248	19.1	262	25.7	
Stone Seed	0603SP	106	M	C3	R3	L2	B	246	23.7	223	21.6	269	25.8	231
Stone Seed	0904SP	109	M	C3	R3	L2	B	274	23.8	280	24.3	267	23.3	
Stone Seed	1103SS	111	M	C3	R3	L2	B	267	25.3	259	24.3	275	26.3	249
Stone Seed	1303SP	113	M	C3	R3	L2	B	268	25.2	254	26.0	282	24.3	252
Non-GMO Hybrids														
Blue River	64K93	111	L			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	106	L			251	22.5	246	20.3	256	24.6			
Viking	O.85-09	109	L			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 Infantr
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