

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

Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	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 %				
<b>Early RM</b>															
Cornelius	C6472TRE	104	L	C	L	G	276	20.6	274	19.4	278	21.8			
Prairie	3051	105					271	20.7	264	18.1	278	23.3			
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		
Cornelius	C6552PC	105	L	C	L	B	265	20.3	259	19.3	271	21.3			
Cornelius	C6525SSP	105	L	C	R	L	B	264	20.9	260	20.7	268	21.2	245	
Prairie	4470	106					263	19.5	254	19.1	272	19.9	241	250	
Blue River	49M23	103	L				262	19.4	250	19.7	274	19.0			
Viking	O.84-04	104	L				260	20.4	251	18.6	269	22.3	239		
Prairie	3259	105					258	21.8	251	19.7	265	23.9	238	243	
Viking	O.46-02P	102	L				257	19.2	247	17.6	267	20.8	235		
Cornelius	C6400DGDP	104	L	C	L	G	257	19.7	250	19.0	263	20.4			
<b>Non-GMO Hybrids</b>															
	<b>Average</b>						263	20.2	255	19.3	272	21.2			
	<b>L.S.D 25% Level</b>						8	1.6	7	0.7	9	1.8			
	<b>CV (%)</b>						5	11.1	3	4.0	3	8.8			
<b>Any RM</b>															
Channel	210-08VT2PRIB	110	M	C2		G	275	24.4	282	25.0	268	23.7			
Stone Seed	0904SP	109	M	C3	R3	L2	B	274	23.8	280	24.3	267	23.3		
Renk	RK720TRE	106	M	C2	L	G	272	23.5	252	19.9	292	27.1			
Channel	207-87VT2PRIB	107	M	C2		G	271	23.8	266	22.3	276	25.3			
Cornelius	C7235PC	112	L	C	L	B	270	24.0	254	23.0	286	25.0			
Cornelius	C6936SS	109	L	C	R	L	B	269	24.1	268	22.8	271	25.4		
Stone Seed	1303SP	113	M	C3	R3	L2	B	268	25.2	254	26.0	282	24.3	252	
Prairie	8904	113					268	25.8	258	27.5	277	24.2	246	247	
Stone Seed	1103SS	111	M	C3	R3	L2	B	267	25.3	259	24.3	275	26.3	249	
Renk	RK811PWE	111	M	C2	L	G	267	23.8	261	22.7	272	24.8			
NuTech	66D1AM	106					266	22.8	265	21.0	268	24.6			
Renk	RK707TRE	105	M	C2	L	G	266	22.2	250	18.1	282	26.4			
Dyna-Gro	D48SS50	108					265	22.6	255	20.4	275	24.9	248		
Renk	RK773TRE	109	M	C2	L	G	265	24.0	257	23.4	273	24.7			
Renk	RK766SSPRO	109	M	C2	R3	B	263	23.0	274	20.7	252	25.3			
Cornelius	C7366DGDP	113	L	C	L	G	263	25.1	270	25.6	256	24.7	253	261	
Channel	211-11SSPRIB	111	M	C2	R3	B	262	24.3	260	23.6	263	25.0	246		
Cornelius	C7308SS	113	L	C	R	L	B	261	24.5	254	23.9	269	25.1	250	254
Prairie	6878	112					261	24.9	251	25.8	271	23.9	248	247	
AXIS	62B56RIB	112	M	C2	R3	L3	B	260	24.8	248	24.3	272	25.2	247	254
NuTech	68A7AM	108					260	23.3	233	22.4	287	24.1	252	255	
Dyna-Gro	D50VC09	110					260	24.8	246	23.3	274	26.2			
Channel	210-46VT2PRIB	110	M	C2		G	260	24.3	249	24.6	271	24.0	254		
AXIS	63W23RIB	113	L	C2		B	259	24.1	260	24.0	259	24.3	247		
AXIS	59D50RIB	109	M	C2	R3	L3	B	259	24.9	246	24.8	273	25.0		
Prairie	5883	109					259	22.8	253	21.0	266	24.6	243		
NuTech	68A9AM	108					259	21.3	244	19.4	274	23.3			
Channel	206-16SSPRIB	106	M	C2	R3	B	259	22.2	261	20.8	257	23.6	240		

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Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	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 %				
Prairie	8864	114				259	26.5	244	26.6	273	26.4				
Cornelius	C7021DP	110	L	C	L	G	259	23.6	244	24.6	273	22.6	237		
AXIS	63F60RIB	113	M	C3	R3	L3	B	258	23.9	261	25.5	254	22.2		
Channel	212-52SSPRIB	112	M	C2	R3		B	258	23.3	256	24.0	260	22.6	242	
Cornelius	C7202SSP	112	L	C	R	L	B	257	26.8	250	26.2	264	27.4		
Dyna-Gro	D53SS13	113						256	23.2	260	22.7	253	23.6	246	
Renk	RK876VT2P	113	M	C2		G		256	26.7	251	28.9	260	24.5		
NuTech	73A6Q	113						256	23.7	246	22.4	265	24.9	244	
Cornelius	C7357DP	113	L	C	L	G		255	25.7	247	26.3	264	25.1	247	
Cornelius	C6847TRE	108	L	C	L	G		255	23.3	246	22.9	265	23.7	247	
Viking	O.85-09	109	L					255	24.1	252	21.6	258	26.6	251	
Stone Seed	0304SS	103	M	C3	R2	L2	B	255	22.4	248	19.1	262	25.7		
AXIS	59R27RIB	109	L	C2		B		255	23.6	249	25.0	261	22.3	237	243
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	
Renk	RK703PWE	106	M	C2		G		253	23.1	232	22.0	274	24.1		
Dyna-Gro	D56TC44	116						253	26.1	240	27.1	266	25.0		
Cornelius	C6724SS	107	L	C	R	L	B	253	22.6	256	20.4	249	24.8	243	
NuTech	72A5Q	112						252	24.2	237	23.9	267	24.4	245	
Prairie	7461	112						252	22.9	240	22.7	263	23.2		
Viking	72-06	106	L					251	22.5	246	20.3	256	24.6		
Prairie	8683	115						250	25.8	231	26.9	269	24.6		
AXIS	60N61	110	L	C2		B		250	23.6	237	23.9	263	23.3		
AXIS	66V66RIB	116	M	C3	R3	L3	B	250	28.0	245	30.2	254	25.8		
Stone Seed	0603SP	106	M	C3	R3	L2	B	246	23.7	223	21.6	269	25.8	231	
Blue River	64K93	111	L					246	24.1	229	24.2	263	24.0		
NuTech	73A4AM	113						244	24.9	234	25.4	255	24.3		
<b>Non-GMO Hybrids</b>															
	<b>Average</b>						<b>259</b>	<b>24.1</b>	251	23.5	267	24.7			
	<b>L.S.D 25% Level</b>						<b>13</b>	<b>2.3</b>	14	1.4	11	2.0			
	<b>CV (%)</b>						<b>7</b>	<b>14.3</b>	6	6.4	4	8.4			

<sup>1</sup>Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

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

<sup>3</sup>Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

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

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**Pesticides**

<b>PRE</b>	Acuron	Tripleflex and Infantry
<b>POST</b>	Impact	Laudis and Infanfy
<b>Fungicide</b>	None	None

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**Tillage**

<b>Spring</b>	Field cultivator	Field cultivator
<b>Fall</b>	None	Disk Ripper
<b>Latitude</b>	42.28843372	41.86311428
<b>Longitude</b>	-89.681558	-88.80348043

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**RainFall**

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