

2024 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 %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Yield bu/a	Moisture %		
Early RM														
Cornelius	C6377TRE	M	C2	L	G	103	255	15.5	1.8	272	16.9	239	14.1	
Cornelius	C6467PCE	M	C3	L	B	104	240	15.9	0.0	251	16.6	229	15.2	
Cornelius	C6472TRE	L	C2	L	G	104	236	15.1	0.7	256	16.3	217	14.0	256
Non-GMO Hybrids														
Prairie	2235					103	245	16.2	0.2	256	17.9	235	14.6	
Prairie	3054					105	250	17.0	0.2	258	18.6	241	15.3	
Prairie	3259					105	245	16.1	0.0	256	17.0	235	15.3	252 241
Prairie	4991					107	247	16.7	0.2	255	17.5	240	15.9	
Viking Blue River	49M23					103	223	17.5	0.0	229	18.5	217	16.4	242
Viking Blue River	84-04					104	231	14.7	0.0	231	14.9	231	14.5	246 236
	Average						242	16.1	0.3	252	17.1	231	15.0	
	L.S.D 25% Level						10	0.8		10	1.3	9	0.6	
	CV (%)						6	7.2		4	8.1	4	4.3	
Any RM														
Cornelius	C7026PCE	M	C3	L	B	110	233	19.8	0.0	19	226.8	239	21.0	
Cornelius	C7048SSP	L	C2 R3	L	B	110	237	20.8	0.6	18	216.6	256	23.6	
Cornelius	C7216VT4P	M	C2 R2	L	G	112	297	21.8	0.6	19	253.6	340	24.7	
Cornelius	C7235PCE	L	C3	L	B	112	259	21.5	1.5	20	205.5	313	23.1	
Cornelius	C7308TRE	L	C2	L	G	113	253	21.1	0.9	18	242.4	264	24.3	
Cornelius	C7366DGDP	L	C	L	G	113	263	20.9	0.1	19	254.8	270	22.8	263 256
Cornelius	C7411DP	L	C	L	G	114	248	24.6	1.2	23	237.8	259	26.1	
Cornelius	C7448PCE	L	C	L	B	114	229	24.0	0.6	22	215.4	242	25.7	
Custom Farm Seed	106-10C	L				106	250	17.2	1.1	17	242.6	256	17.9	
Custom Farm Seed	111-25C	L				111	216	21.9	0.1	21	197.2	235	22.8	
NK	1228					112	216	23.5	0.8	21	214.7	217	26.1	
NK	1307					113	267	24.0	0.6	23	235.8	299	25.1	
NK	1480					114	241	22.8	0.7	23	222.6	259	22.9	
NK	1523					115	205	26.4	1.2	25	172.7	238	27.7	
NK	880					108	227	21.0	0.8	18	225.0	229	23.6	
NuTech	68C1V	M				108	245	19.7	0.4	18	235.3	256	21.6	
NuTech	70F6V	M				110	251	18.9	1.7	18	241.8	260	19.7	
NuTech	72C1PCE	M				112	248	21.6	0.1	21	236.4	260	22.1	
Power Plus	4V73AM	M	C2		B	109	262	19.0	0.1	18	230.8	294	20.0	

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						Yield bu/a	Moisture %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Yield bu/a	Moisture %		
Renk	RK705VT4P	M	C2 R2	G	105	251	16.8	0.2	15	231.9	271	18.6		
Renk	RK766SSPRO	M	C2 R3	B	109	251	17.9	1.1	16	236.1	267	19.6	257	
Renk	RK773TRE	M	C2 L	G	109	246	21.2	1.4	19	227.4	265	22.9	256	
Renk	RK800VT4P	M	C2 R2	G	110	268	19.8	0.4	17	244.8	290	22.4		
Renk	RK825VT4P	M	C2 R2	G	112	267	21.9	0.7	19	250.7	282	24.6		
Renk	RK832SSPRO	M	C2 R3	B	112	262	21.7	0.6	18	232.7	292	25.0		
Renk	RK921VT2P	M	C2	G	115	254	21.9	1.4	19	230.4	278	25.1		
Renk	RK958VT2P	M	C2	G	115	242	26.2	1.0	25	227.8	256	27.5		
Non-GMO Hybrids														
Prairie	5851				109	261	19.6	0.5	18	247.6	275	21.3		
Prairie	6251				112	258	18.5	1.2	18	241.9	274	19.2		
Prairie	6755				110	249	18.9	0.1	18	230.3	267	20.1		
Prairie	6854				110	262	18.4	0.0	17	246.4	277	19.8		
Prairie	6878				112	247	22.6	1.4	20	238.4	255	24.8	254	247
Prairie	7464				111	223	24.1	1.1	22	193.6	252	25.8		
Prairie	8864				114	243	21.2	0.6	21	233.7	252	21.6	251	
Viking Blue River	75-07				107	250	18.4	0.9	16	233.9	267	20.7		
Viking Blue River	76-11				111	257	19.2	0.3	18	245.6	268	20.8		
	Average					247	21.0	0.7	264	22.7	229	19.3		
	L.S.D 25% Level					20	1.3		27	1.6	9	1.2		
	CV (%)					12	9.2		4	6.6	11	7.5		

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

Location	Freeport	DeKalb
County	Stephenson	DeKalb
Site Location	Click to see map	Click here for directions
Host	Highland C.C.	John and Jim Boesche
Soil type	Fayette silt loam	Drummer silty clay loam
Planting date	May 16, 2024	May 15, 2024
Harvest date	October 16, 2024	October 16, 2024
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	41.86845472
Longitude	-89.681558	-88.82642325

RainFall

April	4.6	3.4
May	4.0	3.1
June	4.5	4.9
July	7.0	7.1
August	2.2	2.8
September	2.1	1.4
Total	24.4	22.7