

2020 Hybrid Corn Test Results: North Region (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁵			Mt. Morris		DeKalb			Fenton			2-yr Avg. bu/a	3-yr Avg. bu/a	DeKalb Grain Quality				
						Yield bu/a	Moisture %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Yield bu/a	Moisture %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Lodging ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%		
Early RM																							
Cornelius	C6401SS	M	C2	R2	L	B	104	246	18.3	1	243	18.6	250	15.6	2	246	20.6	0			4.2	8.3	72.2
Cornelius	C6438DP	L	C			G	104	245	18.0	1	235	18.3	256	14.9	1	243	20.6	0			4.1	7.8	73.0
Cornelius	C6528-3220	L	C			G	105	227	20.3	0	217	21.7	244	17.7	0	220	21.5	0			3.9	8.3	73.3
Dairyland	DS-4310AM	M	C2			B	103	242	19.6	1	244	20.7	241	16.0	2	241	22.2	0			4.0	8.4	72.8
Dairyland	DS-4329AM	M	C2			B	105	245	21.1	2	244	23.7	249	17.1	1	241	22.6	3			4.1	8.1	72.1
Dairyland	DS-4440AMXT	M	C2	R2		B	104	232	20.6	1	224	21.3	244	18.3	1	229	22.3	0			4.1	8.3	72.8
Dairyland	DS-4580Q	M	C2	R2		B	105	238	18.9	1	252	19.9	240	15.9	1	224	20.8	0			4.0	7.8	73.6
Dekalb	DKC51-98RIB	M	C2	R2		B	101	236	17.4	0	218	18.5	251	16.1	0	240	17.7	0			4.1	8.1	73.1
Dekalb	DKC52-18RIB	M	C2	R2		B	102	248	19.0	0	244	19.0	243	18.2	0	256	19.9	0			4.2	8.1	72.7
Dekalb	DKC53-27RIB	M	C2	R2		B	103	234	19.9	0	229	20.2	234	16.9	0	239	22.6	0			4.1	8.4	73.0
Dekalb	DKC54-64RIB	M	C2	R2		B	104	247	18.9	1	248	19.2	253	16.3	1	241	21.1	1			4.1	8.3	72.3
Pioneer	P0306Q	M	C2	R2	L	B	103	241	18.5	1	227	18.3	250	16.3	2	246	21.0	0			4.3	8.3	72.3
Pioneer	P0720Q	M	C2	R2	L	B	107	249	22.2	0	241	23.2	272	18.4	1	235	24.9	0			3.9	7.8	73.3
Non-GMO Hybrids																							
Prairie	2741 ORG						102	230	18.0	4	239	19.0	235	15.7	2	216	19.4	6			4.2	7.6	73.0
Prairie	3259						105	245	18.5	0	239	19.1	241	16.8	0	254	19.0	0			4.5	8.7	71.9
Prairie	4211 ORG						106	231	22.7	0	209	24.1	245	20.4	0	239	23.5	0			4.2	7.4	72.8
Prairie	5141 ORG						108	235	22.6	0	230	24.4	243	17.6	0	231	25.8	0			4.1	8.1	73.1
Viking	O.18-06P	L					106	198	19.7	0	185	21.5	214	16.7	0	195	21.0	0			4.4	7.8	71.9
Viking	O.51-04P	L					104	240	19.4	1	237	19.6	245	17.6	1	237	21.0	0			4.7	8.4	72.7
Viking	O.69-01P	L					101	223	22.1	1	226	22.7	233	18.1	1	209	25.4	0			4.2	8.2	72.5
	Average							237	19.7		231	20.6	245	17.0		235	21.6				4.2	8.1	72.7
	L.S.D 25% Level							9	1.0		7	1.1	10	0.6		13	1.1				0.2	0.2	0.7
	CV (%)							7	9.0		3	5.6	4	3.7		6	5.3				5.1	3.2	1.0
Any RM																							
AXIS	59A25RIB	M	C2	R2	L	B	105	248	22.4	2	236	24.9	251	18.2	2	255	24.3	1			4.2	7.7	73.1
AXIS	60P59RIB	L	C2			G	110	257	23.1	2	236	25.2	257	19.0	2	279	25.2	2	270		4.2	7.5	72.2
AXIS	61P54RIB	M	C2	R2	L	B	111	253	23.6	0	235	26.2	257	18.7	0	266	26.0	0			4.1	8.5	72.8
AXIS	62A58RIB	M	C2	R2	L	B	112	243	25.0	1	213	26.6	251	21.4	1	266	26.9	0	248	252	4.3	8.6	72.4
AXIS	63D58RIB	M	C2	R2	L	B	113	236	24.9	0	224	27.5	250	20.3	0	235	26.9	1			4.1	8.5	72.0
Beck's	6049V2P	M	C2		L2	G	110	257	23.3	2	235	25.2	259	19.1	2	278	25.5	2			4.6	7.9	71.5
Beck's	6374V2P	M	C2		L2	G	113	251	25.2	0	240	26.8	254	19.5	1	259	29.1	0			4.6	8.2	73.6
Beck's	6414V2P	M	C2		L2	G	114	252	25.8	3	221	28.7	258	21.5	2	278	27.3	4			4.4	8.2	72.9
Beck's	6557V2P	M	C2		L2	G	115	254	25.6	1	236	26.4	263	22.5	1	262	27.9	1			3.8	8.5	72.4
Beck's	XL® 5765AM™	M	C2		L1	B	107	241	22.0	3	236	23.6	247	18.9	2	240	23.5	4			3.9	8.2	73.2
Beck's	XL® 6282AM™	M	C2		L1	B	112	256	24.3	2	235	27.0	267	20.3	0	265	25.6	3			3.9	8.5	72.9
Channel	204-25STXRIB	M	C3	R2	L	B	104	251	19.4	1	230	19.9	265	16.8	1	259	21.6	0			4.7	8.2	72.4
Channel	207-42STXRIB	M	C3	R2	L	B	107	226	20.8	2	197	22.4	231	16.2	2	248	23.8	1			3.9	8.5	72.8
Channel	209-06STXRIB	M	C3	R2	L	B	109	255	21.4	2	248	21.3	258	18.7	1	260	24.2	2			4.7	8.5	71.9
Channel	209-15STXRIB	M	C3	R2	L	B	109	242	21.4	4	238	21.7	234	17.8	4	255	24.7	3	264		4.6	8.9	72.4
Channel	211-44STXRIB	M	C3	R2	L	B	111	248	23.1	2	234	24.0	255	19.7	1	256	25.5	3			4.3	8.7	72.5
Channel	212-04STXRIB	M	C3	R2	L	B	112	249	25.2	2	225	28.1	268	19.8	1	256	27.7	2			4.3	8.2	72.3
Channel	213-93STXRIB	M	C3	R2	L	B	113	253	26.2	1	233	28.5	254	24.1	1	273	25.9	1			4.2	8.1	73.7
Cornelius	C577SS	M	C2	R2	L	B	109	249	21.6	0	222	22.6	268	18.7	0	256	23.4	0	255		3.6	8.2	72.6
Cornelius	C633DP	L	C			G	110	249	20.4	0	240	21.3	250	16.6	1	258	23.2	0	263	265	4.6	8.0	72.4
Cornelius	C7004DP	L	C			G	110	239	22.5	0	218	23.6	253	18.5	0	246	25.4	0			4.3	8.3	73.1
Cornelius	C7125DP	L	C			G	111	247	22.1	1	231	25.3	252	17.8	1	257	23.3	2			3.9	8.4	72.8
Cornelius	C7270DP	L	C			G	112	253	24.5	1	235	26.0	260	20.8	2	265	26.6	0			4.4	8.5	72.5
Cornelius	C7366DGGDP	L	C			G	113	258	24.0	1	252	25.6	264	19.5	1	257	27.0	1			4.1	8.1	73.7
Dairyland	DS-4840AM	M	C2			B	108	246	21.4	6	229	21.5	268	17.6	5	241	25.1	7			4.5	8.7	72.1
Dairyland	DS-5018Q	M	C2	R2		B	108	258	22.1	2	243	23.2	269	19.1	1	263	24.0	3			4.1	8.4	73.4
Dairyland	DS-5144Q	M	C2	R2		B	111	250	23.8	2	245	25.0	280	20.4	0	225	25.9	4			4.2	8.7	73.1
Dairyland	DS-5279Q	M	C2	R2		B	112	250	24.7	5	232	26.1	281	21.2	1	238	26.7	8			4.0	8.0	72.8
Dekalb	DKC58-64RIB	M	C2	R2		B	108	255	22.6	3	233	24.4	272	19.2	1	261	24.2	4			4.1	8.4	72.6
Dekalb	DKC59-82RIB	M	C2			G	109	259	23.8	2	247	26.5	270	18.5	2	260	26.3	1			3.8	8.3	72.5
Dekalb	DKC61-41RIB	M	C2			G	111	257	22.6	1	248	24.1	256	19.0	0	268	24.8	2			4.2	8.4	73.0
Dekalb	DKC63-90RIB	M	C2	R2		B	113	267	24.8	3	264	28.2	269	20.0	3	268	26.3	2			4.4	8.5	72.8
FS InVISION	FS 5704X RIB	Mv	C2	R2	L	B	107	235	19.2	0	213	20.8	245	16.8	0	248	20.1	0			4.0	7.8	73.1
FS InVISION	FS 5892V RIB	Mv	C2			G	108	220	20.0	6	214	21.4	234	16.3	6	213	22.3	7			4.4	8.5	72.6
FS InVISION	FS 58RL1 EZR	L	C2		L	G	108	219	22.9	1	211	23.1	227	20.6	1	220	25.0	0			4.1	9.0	72.4
FS InVISION	FS 5909D2A EZR	Mv	C2	R	L	G	109	236	23.5	6	236	25.2	233	19.2	6	238	26.0	6					

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Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁵			Mt. Morris		DeKalb			Fenton			2-yr Avg. bu/a	3-yr Avg. bu/a	DeKalb Grain Quality			
						Yield bu/a	Moisture %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Yield bu/a	Moisture %	Lodging ⁴ 0-9	Yield bu/a	Moisture %	Lodging ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%	
FS InVISION	FS 6107T RIB	Mv	C2	R	L	B	111	263	23.2	1	250	25.0	264	18.8	1	275	26.0	1	4.4	8.2	73.4	
FS InVISION	FS 6194V RIB	Mv	C2			G	111	259	21.4	1	249	22.4	259	19.2	1	269	22.6	0	4.5	8.5	71.7	
FS InVISION	FS 6395VDG RIB	Mv	C2			G	113	250	24.9	1	232	27.2	257	19.8	3	261	27.6	0	4.2	8.2	73.2	
FS InVISION	FS 6595V RIB	Mv	C2			G	115	250	28.6	2	238	29.6	267	23.0	3	246	33.3	2	4.3	8.7	72.3	
NuTech	68A7AM	M	C2			G	108	255	24.0	1	243	25.7	258	19.1	1	264	27.2	1	4.1	8.1	73.0	
NuTech	68B3AML	M	C2	R2	R	G	108	248	21.9	0	236	21.9	257	19.1	0	250	24.6	0	4.2	8.5	72.1	
NuTech	70A8AM	M	C2			G	110	261	22.6	1	243	22.4	262	20.0	2	278	25.6	1	3.9	7.9	73.5	
NuTech	70F2Q	M	C2	R2	L	G	110	270	24.4	0	254	25.8	279	20.3	1	279	27.0	0	4.3	8.5	72.8	
NuTech	71F5CYR	M	C2			G	111	245	22.4	2	228	22.6	254	20.2	1	253	24.3	2	3.8	8.3	73.5	
NuTech	72B7CYFR	M	C2	R2	L	G	112	262	23.0	2	240	23.7	280	19.8	1	266	25.6	2	4.1	8.8	72.5	
NuTech	74B6AM	M	C2			G	114	247	23.8	3	234	24.2	249	21.5	1	257	25.6	5	4.2	8.2	72.4	
NuTech	5FB-9909AM	M	C2			B	109	264	22.0	3	256	22.4	281	18.7	1	255	24.8	5	272	4.3	8.0	72.0
Pioneer	P0306Q	M	C2	R2	L	B	103	245	18.6	1	240	19.3	257	16.0	1	238	20.5	0	4.2	8.1	73.0	
Pioneer	P0720Q	M	C2	R2	L	B	107	251	23.1	1	232	25.8	270	19.3	3	252	24.4	0	4.0	7.9	71.7	
Pioneer	P1093Q	M	C2	R2	L	B	110	237	22.5	0	204	24.2	263	19.4	0	244	23.9	0	3.7	8.4	73.4	
Pioneer	P1099Q	M	C2	R2	L	B	110	257	22.8	2	247	24.1	259	18.8	3	264	25.3	2	4.1	8.3	72.5	
Pioneer	P1108Q	M	C2	R2	L	B	111	251	24.2	2	228	24.8	272	19.8	1	253	28.1	3	4.2	8.5	73.2	
Pioneer	P1366Q	M	C2	R2	L	B	113	259	23.9	0	250	24.6	268	19.9	1	258	27.3	0	3.9	8.2	73.4	
Renk	RK700SSTX	M	C2	R2	L	B	107	257	22.7	1	219	25.5	263	19.1	1	288	23.4	1	4.5	8.7	72.0	
Renk	RK765VT2P	L	C2		L	G	109	248	21.9	0	234	22.4	255	17.6	0	255	25.6	0	4.2	7.7	72.1	
Renk	RK805VT2P	L	C2		L	G	110	243	22.3	2	229	23.4	242	18.1	3	258	25.4	1	248	4.4	8.5	72.6
Renk	RK807SSTX	M	C2	R2	L	B	111	241	24.6	0	207	26.9	251	20.5	0	265	26.5	0	4.3	8.7	72.3	
Renk	RK882SSTX	M	C2	R2	L	B	111	258	25.2	1	243	25.7	278	19.4	0	254	30.4	1	4.3	8.5	72.4	
Renk	RK937VT2P	L	C2		L	G	113	241	23.1	2	215	25.1	259	19.3	1	251	24.9	2	4.6	8.4	72.7	
Roeschley Hybrids	Rx09-61SS	L	C2	R2	L	B	109	262	22.2	1	245	24.4	270	18.7	2	270	23.4	0	4.9	9.1	72.2	
Roeschley Hybrids	Rx12-70VT2P	L	CR			G	112	240	26.0	1	218	29.2	255	21.8	2	247	26.9	0	4.3	8.7	72.4	
Stone Seed	0221SS	H	C2	R2	L	B	102	233	19.0	0	212	20.9	250	16.7	0	236	19.3	0	4.2	8.5	72.8	
Stone Seed	0321SS	H	C2	R2	L	B	103	233	20.1	1	224	21.6	235	17.3	2	238	21.3	0	4.0	8.7	72.9	
Stone Seed	0621SS	H	C2	R2	L	B	106	239	20.3	2	231	19.7	251	18.4	1	235	22.7	4	4.4	8.8	72.3	
Stone Seed	0931SS	H	C2	R2	L	B	109	259	24.3	1	238	25.9	274	20.0	1	266	27.0	1	4.5	8.4	71.8	
Stone Seed	5858RIB	H	C2	R2	L	B	108	243	21.7	1	235	21.2	259	18.1	0	235	25.7	1	250	4.3	8.4	72.1
Stone Seed	6078RIB	H	C2	R2	L	B	110	249	24.8	2	238	26.5	241	21.7	3	266	26.3	1	4.2	8.4	72.4	
Stone Seed	6298RIB	H	C2	R2	L	B	112	244	21.7	1	232	23.6	250	16.7	1	249	24.8	1	4.2	8.0	72.1	
Stone Seed	6368RIB	H	C2	R2	L	B	113	247	26.8	5	234	29.6	261	21.5	5	246	29.3	4	261	4.0	7.7	73.5
Non-GMO Hybrids																						
Cappel	4313						103	203	20.9	5	212	21.5	217	17.4	3	178	23.8	8	4.2	8.5	73.1	
Cappel	4720						107	216	20.2	5	216	20.6	230	16.6	4	204	23.5	6	4.9	9.4	71.7	
Cappel	5320						111	244	22.3	2	230	23.6	261	18.1	1	242	25.1	3	4.2	8.2	71.7	
Hi Fidelity	HFG1071	M					107	248	18.3	1	222	18.6	256	15.8	2	266	20.6	1	4.3	8.4	71.5	
Hi Fidelity	HFG1081	M					108	253	20.6	0	248	21.9	258	17.8	0	252	22.1	0	4.0	7.8	72.1	
Hi Fidelity	HFG1111	M					111	257	21.9	0	227	24.9	272	17.5	0	271	23.5	0	4.0	8.1	71.5	
Miller Hybrids	M09-54	L					109	234	24.4	1	213	26.7	234	19.1	2	257	27.6	0	4.0	8.3	71.8	
Prairie	4850						107	209	20.4	8	197	21.5	230	16.4	8	201	23.3	8	4.7	9.0	71.8	
Prairie	5787						108	248	20.1	3	245	21.4	262	17.3	1	236	21.5	5	259	4.2	7.6	73.4
Prairie	5900						108	242	21.3	3	244	22.0	241	18.5	2	240	23.2	5	4.1	8.8	72.5	
Prairie	6590						111	246	21.5	1	220	23.6	257	16.7	0	261	24.3	1	3.9	7.8	73.1	
Prairie	6878						112	272	25.7	2	269	27.9	276	21.8	0	271	27.3	4	278	4.2	8.0	72.7
Prairie	7355						112	223	24.1	7	218	26.4	255	21.2	5	198	24.8	8	226	4.2	8.5	71.3
Viking	O.48-08P	L					108	246	20.9	0	243	21.7	243	18.3	0	251	22.9	1	4.5	7.9	73.2	
Viking	O.74-10P	L					110	228	24.1	0	213	26.3	238	20.6	0	235	25.6	0	4.3	8.8	71.7	
Viking	O.82-14P	L					114	222	25.5	7	219	28.0	217	19.4	6	229	29.1	7	3.8	8.0	72.9	
	Average						247	227			232	24.2	256	19.0	1.6	252	25.0	2.0		4.2	8.3	72.6
	L.S.D 25% Level						11	1.1			11	1.4	12	0.9	1.5	18	1.7	1.2		0.2	0.2	0.7
	CV (%)						8	8.8			5	6.3	5	5.1	99.1	7	7.3	66.2		4.0	2.6	1.1

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

⁴Lodging: 0= none, 9= All

	Mount Morris	DeKalb	Fenton
Location	Ogle	DeKalb	Whiteside
County	Click to see map	Click to see map	Click to see map
Site Location	Rick Nelson	John and Jim Boesche	Ron and Dave Mickley
Host	Muscatine silt loam	Drummer silty clay loam	Coffeen silt loam
Soil type	May 4, 2020	May 4, 2020	May 4, 2020
Planting date	October 17, 2020	October 18, 2020	October 2, 2020
Harvest date	182 lbs. as PPI UAN	197 lbs as PPI UAN	160 lbs as PPI NH3
Nitrogen applied	Herbicides		
	PRE	Bicep II Magnum	Tripleflex
	POST	Impact	Impact
	Tillage		
	Spring	Field cultivator	Field cultivator
	Fall	None	Chisel
	Latitude	42.08697054	41.86826876
	Longitude	-89.4655233	-88.82629283
			41.74691467
			-90.0166284