

2021 Hybrid Corn Test Results: East Central Region (36,500 ppa)

																		Urbana Grain Quality				
Company	Name	IST ¹	GT ²	HT ³	Regional Results				Dwight			Goodfield			Urbana			2-yr Avg. bu/a	3-yr Avg. bu/a	Oil @0%	Protein @0%	Starch @0%
					Relative Maturity	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9					
Early RM																						
NuTech	68A7AM	M	C2		G	108	255	14.4	0.6	266	15	1.0	235	14	0.7	264	14	0.0	Coming Soon			
Pioneer	P0720AM	M	C2		B	107	252	14.3	0.2	256	15	0.7	245	14	0.0	254	14	0.0				
Power Plus	4C16 Q	M	C2 R2	L	B	108	248	14.5	1.0	261	15	2.7	226	15	0.3	259	14	0.0				
Renk	RK700SSTX	M	C2 R2	L	B	107	244	13.8	0.3	251	14	0.7	233	13	0.3	246	14	0.0				
Renk	RK710SSTX	M	C2 R2	L	B	107	238	14.8	0.2	235	15	0.7	231	16	0.0	249	14	0.0				
Renk	RK782VT2P	L	C2		G	109	245	13.8	0.3	244	15	0.7	241	13	0.0	249	14	0.3				
Sun Prairie Seeds	SP2507	M	C2 R2		B	109	249	13.9	0.1	254	15	0.0	241	13	0.3	251	13	0.0				
Non-GMO Hybrids																						
Cappel Seed	4920					109	240	15.9	0.0	250	17	0.0	229	17	0.0	243	14	0.0				
Prairie	3259					105	239	13.7	0.0	255	15	0.0	213	13	0.0	251	14	0.0				
Prairie	4470					106	249	14.1	0.0	257	16	0.0	**	**	**	240	14	0.0				
	Average						245	14.3		253	15		233	14		251	14					
	L.S.D 25% Level						8	0.7		10	0		14	1		10	0					
	CV (%)						6	8.9		4	3		6	6		4	3					
Any RM																						
AXIS	59R27RIB	L	C2	L	G	106	243	14.5	1.0	243	15	2.7	241	15	0.3	245	14	0.0			45	
AXIS	62A58RIB	M	C2 R2	L	B	112	237	17.3	0.9	253	18	1.7	204	19	0.3	255	15	0.7	239	236	56	
AXIS	62B56RIB	M	C2 R2	L	B	110	246	15.8	1.3	249	15	2.7	235	17	0.3	255	15	0.8			35	
AXIS	62V29RIB	L	C2		L	G	113	240	14.7	1.4	248	16	1.7	216	14	0.3	257	14	2.1			54
Beck's	6374V2P	M	C2		G	113	256	15.9	1.4	250	16	3.7	248	18	0.3	272	14	0.2	238		7	
Beck's	6557V2P	M	C2		G	115	255	16.9	0.6	269	18	0.4	236	18	0.0	260	15	1.4			10	
Beck's	6674TCV2P	M	C2		G	116	231	18.2	1.0	229	19	3.0	217	20	0.0	248	15	0.0			65	
Beck's	XL@ 6081AM™	M	C2		L	B	110	252	16.2	1.7	242	17	1.3	243	16	3.3	273	16	0.3			13
Beck's	XL@ 6481AM™	M	C2		L	B	114	249	17.3	1.2	245	17	3.3	235	19	0.3	267	16	0.0			26
Burrus	6A38 SS	M	C2 R2	L	B	112	251	15.4	1.1	256	16	2.3	235	16	1.0	262	14	0.0			20	
Burrus	6Y61 DGV2P	M	C2		G	113	256	14.9	1.0	251	15	2.7	246	15	0.3	272	15	0.0			8	
Channel	207-87VT2PRIB	M	C2		B	107	242	13.9	1.6	236	16	3.3	230	13	0.7	260	14	0.7	241		48	
Channel	210-46STXRIB	M	C2 R2		B	110	257	16.3	0.5	251	16	0.3	251	18	0.3	267	15	0.8			5	
Channel	212-04STXRIB	M	C2 R2		B	112	234	15.8	1.5	249	17	1.0	206	16	2.7	248	15	0.8	250		62	
Channel	214-22STXRIB	M	C2 R2		B	114	251	15.3	0.9	256	15	2.7	234	16	0.0	263	14	0.0	229		19	
Channel	214-78DGV2PRIB	M	C2		B	114	233	18.3	1.9	241	18	5.6	206	22	0.0	251	16	0.0			64	
Dekalb	DKC59-82RIB	M	C2		G	109	247	14.1	0.3	257	15	0.6	224	14	0.3	259	13	0.0			34	
Dekalb	DKC61-41RIB	M	C2		G	111	242	13.6	0.6	253	15	1.7	223	12	0.0	249	13	0.0	231		49	
Dekalb	DKC62-70RIB	M	C2		G	112	244	15.1	0.5	247	15	1.6	233	17	0.0	251	14	0.0			42	
Dekalb	DKC63-91RIB	M	C2		G	113	243	14.0	0.7	246	16	1.7	223	13	0.0	259	13	0.4	234		46	
Dekalb	DKC64-65RIB	M	C2		G	114	227	14.0	0.9	230	15	1.7	209	13	0.7	243	14	0.2	237		69	
Dekalb	DKC65-95RIB	M	C2		G	115	255	16.7	1.2	262	16	2.7	249	19	0.3	255	15	0.7	236		9	
Dekalb	DKC66-18RIB	M	C2		G	116	251	16.4	0.8	265	17	1.3	233	17	0.7	253	15	0.4	248		21	
NuTech	66C2Q	M	C2 R2	L	B	106	235	15.3	0.5	237	17	0.3	222	15	1.0	244	14	0.2			61	
NuTech	68A7AM	M	C2		G	108	248	15.4	1.6	256	16	3.3	228	15	0.0	261	14	1.6	230		29	
NuTech	69A6Q	M	C2 R2	L	B	109	241	15.4	1.5	246	16	1.0	212	15	0.7	266	15	2.8			50	
NuTech	69B9Q	M	C2 R2	L	B	109	257	15.5	1.2	266	17	3.0	248	15	0.3	256	14	0.4			6	
NuTech	70A8AM	M	C2		G	110	249	16.0	0.5	257	17	0.6	243	16	1.0	248	15	0.0	248		24	
NuTech	70F2Q	M	C2 R2	L	B	110	252	15.9	1.1	272	17	3.0	227	17	0.3	257	14	0.0	247		15	
NuTech	71F5Q	M	C2 R2	L	B	111	241	16.0	1.5	253	16	3.4	222	17	1.0	249	15	0.0			52	
NuTech	72B7Q	M	C2 R2	L	B	112	248	17.0	1.0	256	17	0.7	234	19	0.0	254	15	2.4			30	
NuTech	72D4AM	M	C2		G	112	261	15.7	1.0	271	16	1.0	225	16	1.7	286	15	0.4			2	
NuTech	74B6AM	M	C2		G	114	237	17.4	2.6	215	19	6.6	233	18	0.7	262	15	0.6	248		57	
NuTech	74F3AM	M	C2		G	114	250	16.3	1.6	253	17	3.6	241	17	1.0	257	15	0.3			22	
NuTech	74F9AM	M	C2		G	114	245	14.7	0.8	252	15	2.0	229	15	0.3	253	14	0.0			40	
NuTech	77A5AM	M	C2		G	117	259	18.3	0.3	266	19	0.6	237	19	0.3	275	17	0.0			4	
Pioneer	P1077AM	M	C2		B	110	236	15.4	0.2	237	16	0.7	234	17	0.0	237	14	0.0	245		59	
Pioneer	P1108Q	M	C2 R2	L	B	111	251	15.9	0.8	264	17	0.6	228	16	0.0	262	15	1.7	231		17	
Pioneer	P1185AM	M	C2		B	111	244	16.3	1.0	255	18	1.4	219	17	0.3	260	15	1.2			41	
Pioneer	P1359AM	M	C2		B	113	253	15.4	0.5	260	17	0.6	227	15	0.7	273	15	0.3			12	
Pioneer	P1563AM	M	C2		B	115	225	16.9	2.2	235	18	6.0	212	17	0.3	229	16	0.2			70	
Power Plus	5L44AM	M	C2		B	110	242	16.3	1.2	253	17	0.3	220	17	3.3	255	15	0.0			47	
Power Plus	6J92AM	M	C2		B	113	266	17.7	1.7	263	18	1.3	257	18	0.7	278	17	3.0	236		1	

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																				Urbana Grain Quality				
Regional Results										Dwight			Goodfield			Urbana			2-yr	3-yr	Oil	Protein	Starch	
Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Avg. bu/a	Avg. bu/a	@0%	@0%	@0%		
Renk	RK821SSTX	M	C2 R2 L	B	111	231	15.0	2.3	246	16	5.3	212	15	1.7	235	14	0.0					66		
Renk	RK826VT2P	L	C2	G	111	247	14.5	0.2	243	15	0.7	249	15	0.0	249	14	0.0					32		
Renk	RK882TRE	L	C2 L	G	111	241	15.7	1.5	244	16	2.0	211	17	0.7	266	15	1.9					53		
Renk	RK907SSTX	M	C2 R2 L	B	115	249	15.5	1.2	259	16	3.0	227	16	0.7	261	15	0.0					27		
Renk	RK915VT2P	L	C2	G	115	246	16.4	0.6	246	16	1.0	233	18	0.7	259	15	0.3					38		
Renk	RK945DGV2P	L	C2	G	115	252	17.2	0.8	253	18	1.0	238	19	0.3	266	15	1.0					14		
Stone Seed	0931SS	H	C2 R2 L2	B	109	249	14.5	0.7	238	15	1.7	244	15	0.0	266	13	0.3	246				25		
Stone Seed	1122SS	H	C2 R2 L2	B	111	248	15.9	1.8	240	16	3.7	243	17	0.0	261	15	1.6					31		
Stone Seed	1221TRE	H	C2 L3	G	112	247	16.6	1.4	245	16	3.0	246	19	0.7	250	15	0.4	226				33		
Stone Seed	1332SS	H	C2 R2 L2	B	113	246	17.2	1.5	244	18	3.0	234	19	0.0	260	15	1.4					37		
Stone Seed	1521SS	H	C2 R2 L2	B	115	235	15.9	1.8	250	16	3.0	216	17	0.0	239	15	2.5	233					60	
Stone Seed	6078RIB	H	C2 R2 L2	B	110	254	15.6	0.9	271	16	1.6	232	17	1.0	259	14	0.0	249					11	
Stone Seed	6368RIB	H	C2 R2 L2	B	113	249	17.5	1.3	250	18	1.8	222	20	0.7	277	15	1.5	247	246					23
Sun Prairie Seeds	SP2508	M	C2 R2 L	B	110	243	14.5	2.1	241	15	5.0	224	15	0.0	265	14	1.3					43		
Sun Prairie Seeds	SP2607	M	C2 R2 L	B	111	245	16.6	0.9	258	15	1.3	221	20	0.0	257	15	1.3					39		
Whisnand	303VT2P	L	C2	G	115	228	15.9	1.1	232	16	2.0	222	17	1.3	231	14	0.0					68		
Whisnand	304SS	L	C2 R2 L	B	112	234	14.3	1.0	239	14	2.7	220	15	0.0	244	13	0.4	230					63	
Wyffels Hybrids	W7876RIB	L	C2	G	114	260	17.2	1.6	274	18	3.0	241	18	0.3	266	15	1.5					3		
Wyffels Hybrids	W8936DGRIB	L	C2	G	117	246	17.1	0.9	257	17	2.0	218	19	0.3	264	16	0.4					36		
Non-GMO Hybrids																								
Cappel Seed	5320				112	236	14.7	1.4	242	15	2.4	230	15	1.0	236	14	0.9	200					58	
Hi Fidelity	EXP2035	M			113	222	14.8	2.9	238	17	6.0	201	14	2.0	228	13	0.9						71	
Hi Fidelity	HFG1111	M			111	241	15.0	1.0	258	17	2.4	227	14	0.3	239	14	0.3	227					51	
Hi Fidelity	HFG1132	M			113	243	15.9	2.1	240	17	5.3	235	17	0.7	254	14	0.3						44	
Prairie	6878				112	251	15.5	1.6	258	16	2.7	238	16	1.3	258	14	0.9	231	233				18	
Prairie	7830				113	219	17.5	1.7	199	19	3.7	203	18	1.3	253	16	0.0						72	
Prairie	8229				114	252	18.4	3.2	233	18	4.7	248	21	0.3	274	16	4.7	230	232				16	
Prairie	8290				114	238	19.4	3.4	206	19	4.6	256	20	1.0	252	19	4.5	246	241				55	
Prairie	8759				115	228	20.4	2.4	200	23	6.3	232	22	0.0	253	16	1.0	235	239				67	
Prairie	8960				114	249	17.4	1.9	247	17	2.3	228	19	0.3	272	16	3.0	229					28	
Average						245	16.0		248	17		231	17		256	15								
L.S.D 25% Level						11	0.9		16	1		12	1		13	0								
CV (%)						8	10.9		7	6		6	7		6	3								

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

** Variety dropped due to plot damage.

Location	Dwight	Goodfield	Urbana
County	Grundy	Woodford	Chamapign
Site Location	Click to see map	Click to see map	Click to see map
Host	Tyson Dollinger	Glenn and Ron Joos	Nick Eisenmenger
Soil type	Drummer silty clay loam	Ipava silt loam	Drummer silty clay loam
Planting date	April 30, 2021	May 1, 2021	April 30, 2021
Harvest date	October 6, 2021	September 28, 2021	October 4, 2021
Nitrogen applied	22 lbs. as PPI UAN 134 lbs. sidress	200 lbs as PPI UAN	185 lbs as PPI UAN
Pesticides			
PRE	Keystone	Paraquat	Resicore, Aatrex
POST	Impact	Impact	Impact
Fungicide	Trivapro	None	None
Tillage			
Spring	Field cultivator	None	Field cultivator
Fall	Chisel	Strip Till	Chisel
Latitude	41.20390892	40.63804665	40.08032916
Longitude	-88.49109627	-89.26309873	-88.22471646