

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

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁵			Monmouth			New Berlin			2-yr Avg. bu/a	3-yr Avg. bu/a	Monmouth Grain Quality				
						Yield bu/a	Moisture %	Lgd ⁴ 0-9	Yield bu/a	Moisture %	Lgd ⁴ 0-9	Yield bu/a	Moisture %	Lgd ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%		
Early RM																					
Cornelius	C575DP	M	C2	L	G	109	228	13.6	0.3	182	13.2	0.0	275	14.1	0.7			4.2	6.3	73.8	
Cornelius	C6812DP	M	C2	L	G	108	235	13.7	0.0	180	13.1	0.0	290	14.2	0.0			3.8	7.0	73.5	
NuTech	66C2Q	M	C2	R2	L	B	106	228	14.5	0.8	182	14.2	0.7	274	14.8	1.0			4.3	6.9	73.7
NuTech	68A7AM	M	C2		G	108	232	14.8	0.2	174	14.9	0.0	290	14.6	0.3			4.4	7.1	73.1	
Pioneer	P0720AM	M	C2		B	107	227	15.2	0.2	157	16.2	0.0	296	14.2	0.3			4.0	6.6	73.7	
Power Plus	4C14AM	M	C2		B	108	235	15.1	0.3	166	14.7	0.0	305	15.4	0.7			4.5	6.5	73.5	
Renk	RK700SSTX	M	C2	R2	L	B	107	236	14.9	0.2	173	15.2	0.0	298	14.5	0.3			4.1	7.2	73.8
Renk	RK710SSTX	M	C2	R2	L	B	107	222	13.5	0.0	181	12.6	0.0	262	14.4	0.0			3.8	7.2	73.4
Renk	RK782VT2P	L	C2	L	G	109	236	13.8	0.2	191	13.4	0.0	282	14.2	0.3			4.1	6.6	73.4	
Non-GMO Hybrids																					
Cappel Seed	4920					109	226	15.5	0	183	15.8	0.0	269	15.2	0.0			4.0	6.7	73.3	
Prairie	3259					105	225	12.8	0	182	12.1	0.0	269	13.4	0.0	235		4.4	7.0	73.3	
Prairie	4470					106	225	13.4	0	182	12.8	0.0	268	14.1	0.0			4.3	7.0	73.5	
	Average						230	14.2		178	14.0		282	14.4				4.2	6.8	73.5	
	L.S.D 25% Level						18	0.9		9	0.8		10	0.4				0.1	0.2	0.6	
	CV (%)						11	9.4		5	5.6		4	3.1				2.9	3.4	0.8	
Any RM																					
Beck's	6374V2P	M	C2		G	113	250	15.3	0.5	202	14.6	1.0	298	15.9	0.0	249		3.9	7.6	73.6	
Beck's	6557V2P	M	C2		G	115	245	18.2	0.2	205	18.4	0.0	285	18.0	0.4	245		3.6	7.6	73.7	
Beck's	6674TCV2P	M	C2		G	116	228	18.3	0.8	182	17.9	0.6	274	18.8	1.0			3.7	8.2	72.8	
Beck's	XL® 6081AM™	M	C2	L	B	110	237	16.8	0.6	198	16.3	0.0	277	17.3	1.3			4.0	7.6	73.0	
Beck's	XL® 6481AM™	M	C2	L	B	114	245	17.7	0.8	196	17.6	1.3	293	17.7	0.3			3.9	7.3	73.4	
Burrus	6Y61 DGV2P	M	C2		G	113	239	15.5	0.6	193	14.5	0.7	286	16.5	0.4			3.8	7.6	73.9	
Channel	207-87VT2PRIB	M	C2		B	107	243	13.3	0.1	195	13.0	0.0	291	13.7	0.3	234		3.5	7.4	73.6	
Channel	210-46STXRIB	M	C2	R2	L	B	110	243	15.8	0.1	195	15.6	0.0	291	16.1	0.2			3.9	7.7	73.5
Channel	212-04STXRIB	M	C2	R2	L	B	112	229	15.1	0.2	192	14.1	0.0	266	16.1	0.3	244		3.8	7.4	73.9
Channel	214-22STXRIB	M	C2	R2	L	B	114	246	15.8	0.2	207	15.3	0.0	285	16.3	0.4	250		3.8	7.7	73.4
Channel	214-78DGV2PRIB	M	C2		B	114	252	16.4	0.2	200	15.6	0.0	305	17.2	0.3			3.9	7.8	72.7	
Cornelius	7228VT2P	M	C2		G	112	249	14.4	0.0	217	14.1	0.0	282	14.7	0.0			3.8	7.5	73.6	
Cornelius	C7004DP	M	C2		G	110	237	13.7	0.1	201	12.9	0.0	273	14.4	0.3			3.7	8.0	73.4	
Cornelius	C7125DP	M	C2		G	111	234	15.6	0.0	193	15.7	0.0	276	15.6	0.0			3.6	7.7	73.5	
Cornelius	C7270DP	M	C2		G	112	232	14.9	0.0	182	15.1	0.0	281	14.8	0.0	240		3.8	7.6	73.5	
Cornelius	C7308SS	M	C2	R2	L	B	113	246	16.3	0.0	203	15.5	0.0	288	17.0	0.0	252		3.7	7.8	72.9
Cornelius	C7366DGDP	M	C2		G	113	243	15.9	1.5	184	15.9	3.0	302	15.8	0.0	248	247	3.8	7.4	73.8	
Dekalb	DKC59-82RIB	M	C2		G	109	251	13.8	0.0	206	12.5	0.0	296	15.0	0.0			3.7	7.1	74.4	
Dekalb	DKC62-70RIB	M	C2		G	112	243	15.0	0.7	188	13.9	0.0	298	16.1	1.3			3.8	7.4	74.3	
Dekalb	DKC62-89RIB	M	C2	L	G	112	234	14.7	0.4	182	13.3	0.0	286	16.0	0.8			3.8	7.3	73.9	
Dekalb	DKC63-91RIB	M	C2		G	113	248	14.1	0.2	192	13.6	0.0	303	14.6	0.4	252	250	3.6	7.3	74.3	
Dekalb	DKC64-65RIB	M	C2		G	114	238	14.1	0.0	184	13.0	0.0	292	15.2	0.0			3.9	7.1	74.4	
Dekalb	DKC65-95RIB	M	C2		G	115	250	16.8	0.2	206	15.6	0.0	294	18.0	0.4	252	251	3.8	8.0	73.4	
Dekalb	DKC66-18RIB	M	C2		G	116	243	17.0	0.0	193	15.9	0.0	293	18.2	0.0	249		4.0	7.3	74.1	
Dekalb	DKC67-94RIB	M	C2	L	G	117	248	17.0	0.0	196	16.1	0.0	301	17.9	0.0			3.8	7.8	73.7	
NuTech	68A7AM	M	C2		G	108	250	15.2	0.2	198	14.6	0.0	301	15.8	0.3	250		3.9	7.2	73.6	
NuTech	69A6Q	M	C2	R2	L	B	109	240	15.1	0.5	196	14.8	0.0	285	15.4	1.0			3.9	8.0	72.7
NuTech	69B9Q	M	C2	R2	L	B	109	252	16.1	0.0	215	15.7	0.0	289	16.5	0.0			4.1	7.5	73.6
NuTech	70A8AM	M	C2		G	110	252	16.6	0.2	203	16.4	0.0	302	16.7	0.3	251		3.8	7.7	73.4	
NuTech	70F2Q	M	C2	R2	L	B	110	244	15.4	0.7	196	14.4	0.0	293	16.4	1.4	247		3.9	7.4	73.5
NuTech	71F5Q	M	C2	R2	L	B	111	238	16.4	0.5	191	16.3	0.0	284	16.5	1.0			3.6	7.6	73.7
NuTech	72B7Q	M	C2	R2	L	B	112	238	16.8	0.7	194	16.8	0.0	281	16.9	1.4			3.6	8.1	73.2
NuTech	74B6AM	M	C2		G	114	248	17.2	1.0	202	17.2	0.7	294	17.2	1.4	251		3.9	7.3	73.1	
NuTech	74F3AM	M	C2		G	114	233	17.7	0.0	167	17.4	0.0	299	18.1	0.0			3.2	7.7	73.6	

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						Yield bu/a	Moisture %	Lgd ⁴ 0-9	Yield bu/a	Moisture %	Lgd ⁴ 0-9	Yield bu/a	Moisture %	Lgd ⁴ 0-9			Oil @0%	Protein @0%	Starch @0%
NuTech	74F9AM	M	C2	G	114	237	15.6	0.5	187	14.7	0.0	287	16.5	0.9			3.4	8.0	73.6
NuTech	77A5AM	M	C2	G	117	232	19.2	0.0	186	20.6	0.0	278	17.9	0.0			4.1	7.3	73.0
Pioneer	P1077AM	M	C2	B	110	236	15.7	0.0	191	15.3	0.0	280	16.0	0.0	240		3.6	8.1	73.7
Pioneer	P1108Q	M	C2 R2 L	B	111	246	16.4	0.2	215	15.7	0.0	277	17.2	0.3	256		4.4	7.9	72.6
Pioneer	P1185AM	M	C2	B	111	240	16.2	0.8	195	16.9	1.3	285	15.5	0.4			3.9	8.0	73.8
Pioneer	P1359AM	M	C2	B	113	243	16.4	0.0	189	15.7	0.0	298	17.1	0.0			3.4	7.8	73.9
Pioneer	P1563AM	M	C2	B	115	233	18.5	0.8	192	19.8	0.3	274	17.2	1.3			3.5	7.7	74.2
Power Plus	5L44AM	M	C	B	110	253	16.5	0.0	200	16.0	0.0	305	17.0	0.0			4.0	7.9	72.9
Power Plus	6J92AM	M	C	B	113	251	17.6	0.3	205	17.4	0.7	297	17.9	0.0			3.8	7.5	73.2
Renk	RK821SSTX	M	C2 R2 L	B	111	240	14.6	0.5	204	14.3	0.0	276	15.0	1.0			3.7	8.0	73.8
Renk	RK826VT2P	L	C2	G	111	242	15.1	0.0	192	14.8	0.0	292	15.5	0.0			3.7	8.0	72.9
Renk	RK882TRE	L	C2	G	111	235	15.8	0.2	197	14.5	0.0	273	17.2	0.4			3.5	7.7	73.5
Renk	RK907SSTX	M	C2 R2 L	B	115	226	16.2	0.3	183	15.0	0.0	269	17.4	0.6			3.8	7.3	74.3
Renk	RK915VT2P	L	C2	G	115	239	17.2	0.7	202	17.9	1.3	276	16.4	0.0			3.7	7.5	73.9
Renk	RK945DGV2P	L	C2	G	115	246	17.2	0.4	213	17.3	0.0	280	17.1	0.8	242	246	3.6	7.7	73.3
Stone Seed	0931SS	H	C2 R2 L2	B	109	249	15.6	0.2	212	15.2	0.0	286	15.9	0.4	248		3.9	7.7	73.5
Stone Seed	1122SS	H	C2 R2 L2	B	111	248	15.3	0.0	205	14.0	0.0	291	16.6	0.0			3.9	7.9	72.4
Stone Seed	1221TRE	H	C2 L3	G	112	241	15.8	0.3	185	15.7	0.0	296	15.9	0.6	240		3.7	7.6	73.4
Stone Seed	1332SS	H	C2 R2 L2	B	113	236	16.9	1.0	186	16.3	0.0	286	17.4	1.9			4.2	8.4	72.6
Stone Seed	1521SS	H	C2 R2 L2	B	115	234	16.4	0.0	190	15.5	0.0	278	17.3	0.0	238		3.7	7.3	73.5
Stone Seed	6078RIB	H	C2 R2 L2	B	110	244	14.9	0.1	204	14.1	0.0	285	15.8	0.3	248		3.6	7.7	73.6
Stone Seed	6368RIB	H	C2 R2 L2	B	113	263	16.9	0.0	222	17.5	0.0	305	16.3	0.0	257	256	3.8	7.5	73.4
Wyffels Hybrids	W7876RIB	L	C2	G	114	243	16.1	0.4	195	15.4	0.7	291	16.9	0.2			3.8	7.7	73.5
Wyffels Hybrids	W8936DGRIB	L	C2	G	117	242	17.7	0.0	196	18.5	0.0	288	16.9	0.0			3.5	7.7	73.8
Non-GMO Hybrids																			
Cappel Seed	5320				112	247	14.3	0.3	210	13.5	0.0	285	15.0	0.6			3.5	7.4	74.2
Hi Fidelity	EXP2035	M			113	228	15.3	0.4	182	16.0	0.0	273	14.7	0.9			4.0	7.7	73.3
Hi Fidelity	HFG1111	M			111	240	15.0	0.3	197	13.8	0.0	283	16.2	0.7	235		3.7	7.4	73.7
Hi Fidelity	HFG1132	M			113	233	15.4	1.1	208	14.3	0.0	257	16.5	2.3			3.7	7.8	73.5
Prairie	6878				112	234	16.3	0.3	198	15.7	0.0	271	16.9	0.7	244	241	3.3	7.1	74.5
Prairie	7830				113	223	17.3	0.2	187	16.8	0.0	259	17.9	0.4			3.6	7.8	73.1
Prairie	8290				114	226	20.7	2.0	158	21.1	3.6	294	20.2	0.3	240	241	4.0	7.6	72.2
Prairie	8759				115	242	19.8	2.6	212	19.6	3.3	272	20.0	1.9	238	239	3.6	7.4	72.4
Prairie	8960				114	242	17.4	0.0	214	17.4	0.0	270	17.5	0.0	242	241	3.8	7.7	72.5
	Average					241	16.2		196	16		285	17				3.8	7.6	73.5
	L.S.D 25% Level					13	1.1		10	1		9	1				0.1	0.2	0.5
	CV (%)					8	9.9		6	5		3	5				3.9	3.2	0.8

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

⁵The Perry location was not included in the table due to widespread damage caused by a wind event on the 9th of July.

	Monmouth	Perry	New Berlin
Location	Warren	Pike	Sangamon
County	Warren	Pike	Sangamon
Site Location	Click to see map	Click to see map	Click to see map
Host	Greg Steckel	Luke Merritt	Leahy Bennett
Soil type	Sabbe silty clay loam	Ipava silt loam	Sabbe silty clay loam
Planting date	April 26, 2021	April 26, 2021	April 23, 2021
Harvest date	September 24, 2021	Did not harvest	September 24, 2021
Nitrogen applied	175 lbs. as PPI UAN	200 lbs as PPI UAN	175 lbs as fall NH3 10 lbs. as PPI UAN

Pesticides

PRE	Harness Xtra	Resicore	Parallel Plus
POST	Ladius, Aatrex	Impact	Impact
Fungicide	None	None	Headline AMP
Tillage			
Spring	Field cultivate	Field cultivate	Field cultivator
Fall	Disk ripper	Chisel	Disk ripper
Latitude	40.92655348	39.80330632	39.81979871
Longitude	-90.72566152	-90.82242522	-89.94720407

RainFall

April	3.9	3.7	2.8
May	6.6	4.8	4.8
June	8.1	7.5	6.4
July	4.1	5.7	6.4
August	2.6	1.8	7.3
September	1.8	1.0	1.8
Total	27.1	24.5	29.5