

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

Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	Relative Maturity	Regional Results			Monmouth		Perry		New Berlin		2-yr Avg. bu/a	3-yr Avg. bu/a	Monmouth Grain Quality		
						Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %			Oil @0%	Protein @0%	Starch @0%
<b>Early RM</b>																			
Cornelius	C633DP	L	C	G	110	229	16.5	100	248	18.4	249	18.5	191	12.7			4.5	8.2	71.6
Cornelius	C6401SS	M	C2 R2 L	B	104	234	15.7	100	240	17.5	248	17.6	214	12.0			4.1	8.6	72.2
Cornelius	C6528-3220	L	C	G	105	228	15.2	100	234	18.5	239	17.7	212	9.4			3.7	8.7	72.8
Cornelius	C7004DP	L	C	G	110	245	17.5	100	238	18.8	262	20.0	236	13.5			4.1	8.3	72.0
Dekalb	DKC58-64RIB	M	C2 R2	B	108	255	16.5	100	251	17.8	289	18.6	226	13.0			4.0	8.6	72.3
Dekalb	DKC59-82RIB	M	C2	G	109	257	17.0	100	254	18.7	294	20.1	224	12.0			3.8	8.1	71.9
NuTech	68B3AML	M	C2 R2 R	G	108	248	17.3	100	246	19.3	259	19.5	237	13.1			4.2	8.7	71.9
NuTech	70A8AM	M	C2	G	110	253	17.8	100	263	19.2	286	20.5	210	13.7			4.1	8.1	71.7
NuTech	70F2Q	M	C2 R2 L	G	110	257	17.8	100	252	19.0	285	20.9	233	13.4			4.1	8.4	72.1
Pioneer	P0306Q	M	C2 R2 L	B	103	239	15.4	100	241	16.8	253	16.9	222	12.4			4.0	8.2	72.1
Pioneer	P0720Q	M	C2 R2 L	B	107	246	17.0	100	229	18.7	277	18.8	232	13.6			4.0	8.1	72.3
Pioneer	P1077AM	M	C2	B	110	250	17.8	100	251	19.1	276	20.8	222	13.6			3.7	8.2	73.4
Pioneer	P1099Q	M	C2 R2 L	B	110	250	17.5	100	266	19.5	276	20.1	208	13.0			4.1	8.4	72.0
Prairie	3259				105	244	16.4	100	246	17.9	267	18.4	220	12.8			4.5	8.8	71.5
Viking	O.18-06P	L			106	205	15.4	100	217	16.9	225	16.9	172	12.5			4.3	7.7	72.0
Viking	O.51-04P	L			104	221	15.8	100	236	17.8	225	17.3	203	12.4			4.7	8.6	71.5
Viking	O.69-01P	L			101	195	17.9	100	205	20.1	219	20.3	161	13.3			4.5	9.2	70.6
Viking	O.74-10P	L			110	228	17.6	100	236	19.6	247	19.1	201	13.9			4.2	9.3	71.3
	Average					237	16.8	100	239	18.6	260	19.1	213	12.8			4.1	8.5	71.9
	L.S.D 25% Level					11	0.7	0	10	0.8	9	0.4	9	1.5			0.1	0.2	0.7
	CV (%)					9	7.2	0	4	4.3	4	2.4	5	12.3			3.6	2.9	1.0
<b>Any RM</b>																			
AgVenture D&M	AV2712Q	M	C2 R2 L	B	112	246	18.8	100	237	20.8	242	13.7	260	21.9			3.9	8.6	71.9
AgVenture D&M	AV4313AM	M	C2	G	113	253	19.2	100	250	21.9	231	13.1	278	22.7			3.9	7.9	72.5
AgVenture D&M	AV8614AM	M	C2	G	114	242	18.8	100	234	20.1	221	12.9	272	23.2			3.8	7.7	73.3
Beck's	6049V2P	M	C2 L2	G	110	249	18.0	100	256	19.8	223	13.2	269	21.2			4.4	8.0	71.2
Beck's	6374V2P	M	C2 L2	G	113	247	18.9	100	246	20.3	219	14.2	276	22.2			4.0	8.0	71.7
Beck's	6414V2P	M	C2 L2	G	114	238	18.3	100	221	20.6	208	12.9	287	21.5			4.0	8.0	71.8
Beck's	6557V2P	M	C2 L2	G	115	245	20.0	100	227	22.1	232	14.3	275	23.6			3.7	8.1	72.7
Beck's	XL® 5765AM™	M	C2 L1	B	107	251	17.3	100	250	18.9	233	13.8	271	19.1			3.9	8.2	72.4
Beck's	XL® 6282AM™	M	C2 L1	B	112	254	18.8	100	250	20.3	234	14.2	279	21.8			3.9	9.0	71.7
Channel	207-87VT2PRIB	L	C3	G	107	226	16.7	100	235	16.9	176	13.2	266	19.8			3.9	8.1	72.7
Channel	209-15STXRIB	M	C3 R2 L	B	109	254	17.4	100	248	17.9	235	14.5	280	19.8	247	260	4.4	8.7	71.1
Channel	211-44STXRIB	M	C3 R2 L	B	111	245	18.1	100	242	19.1	219	14.9	272	20.1	240		4.2	8.5	72.4
Channel	212-04STXRIB	M	C3 R2 L	B	112	258	19.0	100	257	20.9	244	13.5	272	22.7			4.0	7.9	72.3
Channel	213-93STXRIB	M	C3 R2 L	B	113	247	18.7	100	238	21.2	213	13.0	288	21.9	244		4.0	8.1	72.4
Channel	214-22STXRIB	M	C3 R2 L	B	114	254	19.4	100	243	19.9	237	13.8	283	24.6			4.1	8.1	72.2
Cornelius	7379VT2P	L	C	G	113	247	18.3	100	233	20.4	235	12.8	273	21.8			4.2	8.6	72.1
Cornelius	C7270DP	L	C	G	112	249	17.3	100	257	19.3	229	12.7	261	20.0			4.3	8.5	71.7
Cornelius	C7308SS	M	C2 R2 L	B	113	257	19.2	100	248	20.5	236	13.9	288	23.2			3.9	8.2	72.6
Cornelius	C7366DGD	L	C	G	113	252	18.9	100	246	21.0	232	13.1	279	22.5	250		3.9	7.8	73.3
Dekalb	DKC60-80RIB	M	C2	G	110	250	18.3	100	242	20.5	240	14.0	269	20.5			4.3	8.1	72.0
Dekalb	DKC61-41RIB	M	C2	G	111	251	18.1	100	246	19.1	224	14.1	282	21.1	245		4.3	8.4	71.1
Dekalb	DKC63-57RIB	M	C2	G	113	256	18.5	100	244	20.6	234	13.3	290	21.5	253		4.0	8.2	72.5
Dekalb	DKC63-91RIB	M	C2	G	113	257	18.7	100	262	20.1	213	13.5	296	22.7	251		3.8	7.8	72.5
Dekalb	DKC64-64RIB	M	C2 R2	B	114	247	19.0	100	240	20.9	232	13.1	271	23.0			4.1	7.9	71.8
Dekalb	DKC65-95RIB	M	C2	G	115	254	18.8	100	244	20.6	234	12.9	284	22.9	251	263	4.0	8.4	71.2
Dekalb	DKC66-18RIB	M	C2	G	116	254	19.9	100	250	22.6	232	12.9	282	24.0			4.1	8.1	72.4
FS InVISION	FS 5909D2A EZR	Mv	C2 R L	G	109	250	18.8	100	233	21.0	234	13.2	282	22.0			4.0	7.9	72.4
FS InVISION	FS 60UX1 RIB	Mv	C2 R2 L	B	110	243	17.9	100	236	19.8	222	13.1	269	20.9	246	252	4.1	7.4	72.6
FS InVISION	FS 6106X RIB	Mv	C2 R2 L	B	111	248	18.3	100	232	19.9	243	13.2	269	21.7			4.2	8.0	72.3
FS InVISION	FS 6107T RIB	Mv	C2 R L	B	111	251	17.8	100	239	18.9	234	14.9	282	19.6			4.1	8.3	72.1
FS InVISION	FS 6194V RIB	Mv	C2	G	111	254	17.3	100	247	19.3	231	12.9	284	19.6	250		4.3	8.4	71.7
FS InVISION	FS 6306T RIB	Mv	C2 R L	B	113	250	18.1	100	237	19.9	228	13.8	286	20.6			3.9	8.6	72.6

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Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	Regional Results				Monmouth		Perry		New Berlin		2-yr Avg.	3-yr Avg.	Monmouth Grain Quality		
					Relative Maturity	Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %			Oil @0%	Protein @0%	Starch @0%
FS InVISION	FS 6395VDG RIB	Mv	C2	G	113	246	19.9	100	254	20.7	209	15.2	277	23.6			4.0	8.3	72.3
FS InVISION	FS 6406X RIB	Mv	C2 R2 L	B	114	245	18.9	100	230	20.2	224	13.0	281	23.5			4.3	8.4	72.3
FS InVISION	FS 6595V RIB	Mv	C2	G	115	248	20.3	100	239	23.3	224	13.9	280	23.8	246		4.1	8.6	72.1
Miller Hybrids	M14-40BG	L	C	B	114	240	20.5	100	243	23.0	235	14.4	244	24.2			4.3	8.3	71.2
NuTech	68A7AM	M	C2	G	108	250	17.6	100	242	19.1	231	13.9	276	19.8			4.1	8.0	72.2
NuTech	70A8AM	M	C2	G	110	249	18.4	100	258	20.0	206	14.2	284	21.1			4.0	8.0	72.2
NuTech	70F2Q	M	C2 R2 L	G	110	251	18.1	100	239	19.8	234	13.4	279	21.1			4.2	8.2	72.0
NuTech	71F5CYR	M	C2	G	111	237	18.6	100	230	21.0	229	13.8	252	20.9			3.8	8.2	72.2
NuTech	72B7CYFR	M	C2 R2 L	G	112	239	18.7	100	237	20.6	220	13.7	259	21.8			4.0	8.8	72.0
NuTech	74B6AM	M	C2	G	114	255	18.3	100	265	21.1	226	13.1	273	20.7			3.9	8.3	72.3
NuTech	75G1AM	M	C2	G	115	252	19.1	100	250	20.8	225	12.9	279	23.6			4.0	9.0	71.5
NuTech	78A1YHR	M	C2	G	117	239	19.7	100	215	22.0	224	14.5	278	22.8			4.1	7.9	72.8
NuTech	5FB-9909AM	M	C2	B	109	240	16.9	100	225	17.9	229	13.6	266	19.4	243	258	4.1	8.2	72.1
Pioneer	P1077AM	M	C2	B	110	243	17.3	100	244	18.7	211	13.5	275	19.8			3.8	8.2	72.5
Pioneer	P1099Q	M	C2 R2 L	B	110	250	17.6	100	257	19.6	211	12.6	280	20.7			4.2	8.3	71.8
Pioneer	P1108Q	M	C2 R2 L	B	111	267	18.8	100	272	20.1	233	13.1	296	23.2			4.4	8.1	71.0
Pioneer	P1197AM	M	C2	B	112	254	17.5	100	253	18.5	218	14.0	292	20.1	254		4.2	8.5	70.9
Pioneer	P1563AML	M	C2 L	B	115	246	18.5	100	244	20.5	219	13.2	276	21.8			3.6	7.8	73.3
Renk	RK805VT2P	L	C2 L	G	110	242	17.8	100	230	19.3	223	13.3	274	20.8			4.0	8.5	72.2
Renk	RK807SSTX	M	C2 R2	B	111	234	19.1	100	208	21.0	231	13.7	262	22.5	237		4.0	9.0	72.1
Renk	RK882SSTX	M	C2 R2	B	111	253	19.3	100	244	21.3	233	13.4	282	23.2			4.0	8.3	72.3
Renk	RK937VT2P	L	C2 L	G	113	240	18.2	100	222	19.7	213	14.2	286	20.6	241		4.2	8.2	71.4
Renk	RK945DGV2P	L	C2 L	G	115	239	19.0	100	236	21.7	218	12.4	262	23.0	245	259	3.8	8.0	72.2
Roeschley Hybrids	Rx14-70SS	L	C2 R2 L	B	114	232	21.1	100	211	25.2	220	13.9	264	24.3			4.0	9.3	71.7
Stone Seed	0931SS	H	C2 R2 L	B	109	248	19.1	100	235	20.8	228	14.4	279	22.1			4.2	8.3	72.3
Stone Seed	1221TRE	H	C2 R2 L	B	112	239	18.7	100	241	21.6	223	12.6	254	21.7			4.0	8.6	72.0
Stone Seed	1521SS	H	C2 R2 L	B	115	242	20.6	100	236	23.4	222	13.1	269	25.3			4.2	8.3	71.5
Stone Seed	5858RIB	H	C2 R2 L	B	108	238	17.1	100	224	18.4	230	13.8	259	19.3	241	254	4.2	8.4	72.3
Stone Seed	6078RIB	H	C2 R2 L	B	110	251	17.8	100	243	19.7	225	12.5	286	21.4			4.1	8.2	72.3
Stone Seed	6198RIB	H	C2 R2 L	B	111	241	18.3	100	240	19.4	215	13.3	269	22.1	242		3.9	8.6	72.1
Stone Seed	6368RIB	H	C2 R2 L	B	113	252	19.4	100	243	22.7	221	13.7	292	21.7	253	263	4.2	7.9	71.8
Stone Seed	6548RIB	H	C2 R2 L	B	115	246	20.0	100	246	23.8	229	13.1	262	23.2	243		4.3	8.4	71.9
<b>Non-GMO Hybrids</b>																			
Hi Fidelity	EXP2037	M			115	251	17.7	100	231	18.6	234	13.8	287	20.9			3.9	8.3	72.3
Hi Fidelity	HFG1111	M			111	230	18.6	100	211	20.7	225	15.4	254	19.8			3.9	8.3	72.0
Hi Fidelity	HFG1143	M			114	242	18.8	100	239	21.4	221	13.0	265	22.1			3.9	8.4	72.4
Miller Hybrids	M10-74	L			110	239	19.3	100	226	22.2	225	13.1	266	22.7			4.0	8.2	71.7
Prairie	6590				111	245	18.0	100	241	19.9	217	13.8	277	20.1			4.0	8.2	72.0
Prairie	6878				112	255	19.0	100	257	21.9	227	12.8	280	22.3	245	255	3.7	7.7	72.5
Prairie	7355				112	248	18.6	100	244	22.1	229	12.7	270	21.2			3.9	8.1	72.0
Prairie	8229				114	241	19.3	100	231	22.4	228	12.4	263	23.1	242	251	4.0	8.2	72.6
Prairie	8290				114	253	20.4	100	251	23.2	232	13.2	277	24.7	249		4.4	8.1	71.5
Prairie	8759				114	234	21.2	100	232	23.4	222	14.2	249	26.0	237	243	3.8	8.2	72.1
Prairie	8960				115	241	20.0	100	238	21.9	223	14.6	263	23.4	240		4.1	8.0	71.7
Viking	O.48-08P	L			108	237	17.1	100	247	19.2	233	13.7	232	18.3	230	238	4.2	8.1	72.4
Viking	O.82-14P	L			114	231	21.5	100	231	24.8	224	14.1	238	25.6	237		3.9	7.9	72.8
	<b>Average</b>					245	18.6	100.0	238	20	226	14	272	22			4.1	8.3	72.1
	<b>L.S.D 25% Level</b>					11	1.1	0.2	10	1	16	1	10	1			0.1	0.3	0.7
	<b>CV (%)</b>					8	10.9	0.3	4	4	7	7	4	4			3.8	3.3	1.0

<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>Monmouth</b>	<b>Perry</b>	<b>New Berlin</b>
<b>Location</b>	Warren	Pike	Sangamon
<b>County</b>	Warren	Pike	Sangamon
<b>Site Location</b>	<a href="#">Click to see map</a>	<a href="#">Click to see map</a>	<a href="#">Click to see map</a>
<b>Host</b>	Greg Steckel	Luke Merritt	Leahy Bennett
<b>Soil type</b>	Sabbe silty clay loam	Ipava silt loam	Sabbe silty clay loam
<b>Planting date</b>	April 22, 2020	April 21, 2020	April 21, 2020
<b>Harvest date</b>	October 1, 2020	October 14, 2020	September 26, 2020
<b>Nitrogen applied</b>	170 lbs. as PPI UAN	200 lbs as PPI UAN	175 lbs as PPI and SDS UAN
<b>Herbicides</b>			
<b>PRE</b>	Harness Xtra	Resicore	Parallel Plus
<b>POST</b>	Calisto, Atrazine	Impact	Impact
<b>Tillage</b>			
<b>Spring</b>	Field cultivate	Field cultivate	Field cultivator
<b>Fall</b>	Disk ripper	Chisel	Disk ripper
<b>Latitude</b>	40.92655348	39.80330632	39.81979871
<b>Longitude</b>	-90.72566152	-90.82242522	-89.94720407