

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

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Goodfiled ⁴		2-yr Avg. bu/a	3-yr Avg. bu/a	Goodfield Grain Quality		
							Moisture %	% Erect Plants			Oil @0%	Protein @0%	Starch @0%
AgVenture D&M	AV2712Q	M	C2 R2	B	112	233	16.1	100			3.9	8.1	72.9
AgVenture D&M	AV4313AM	M	C2	L1 B	113	239	19.6	100			4.0	7.0	73.6
AXIS	59A25RIB	M	C2 R2	L B	105	245	16.1	100			3.9	7.0	73.3
AXIS	60P59RIB	L	C2	G	110	227	17.4	100	229	236	4.1	7.4	72.6
AXIS	61P54RIB	M	C2 R2	L B	111	227	18.1	100	230		3.8	7.7	72.7
AXIS	62A58RIB	M	C2 R2	L B	112	236	16.9	100	232	237	4.0	8.1	72.1
AXIS	63D58RIB	M	C2 R2	L B	113	226	16.8	100	227		3.9	8.1	72.4
Beck's	6049V2P	M	C2	L2 G	110	242	17.4	100			4.3	7.7	72.1
Beck's	6374V2P	M	C2	L2 G	113	235	18.3	100			4.1	7.4	73.1
Beck's	6414V2P	M	C2	L2 G	114	239	17.9	100			4.0	7.5	72.8
Beck's	XL® 5765AM™	M	C2	L1 B	107	238	15.7	100			4.0	7.4	72.8
Beck's	XL® 6282AM™	M	C2	L1 B	112	232	17.2	100			3.9	8.0	72.3
Burrus	6Q76 SS	M	C2 R2	B	113	223	17.5	100	223		4.2	8.0	72.3
Burrus	7U37 SS	M	C2 R2	B	114	228	19.9	100	225		3.8	8.7	72.3
Channel	207-87VT2PRIB	L	C3	G	107	226	15.3	100			4.2	7.6	72.0
Channel	209-15STXRIB	M	C3 R2	L B	109	247	16.1	100	241	246	4.2	8.0	72.2
Channel	211-44STXRIB	M	C3 R2	L B	111	222	16.1	100	231		3.9	7.6	73.2
Channel	212-04STXRIB	M	C3 R2	L B	112	243	18.9	100			4.2	7.7	72.4
Channel	213-93STXRIB	M	C3 R2	L B	113	231	18.5	100	241		4.0	7.7	72.9
Channel	214-22STXRIB	M	C3 R2	L B	114	244	19.1	100			4.1	7.8	72.3
Dekalb	DKC60-80RIB	M	C2	G	110	225	18.0	100			4.2	7.8	72.9
Dekalb	DKC61-41RIB	M	C2	G	111	216	19.0	100			4.3	8.5	71.0
Dekalb	DKC63-57RIB	M	C2	G	113	238	17.3	100			4.6	8.7	71.1
Dekalb	DKC63-91RIB	M	C2	G	113	244	17.3	100			4.0	7.4	72.1
Dekalb	DKC64-65RIB	M	C2	G	114	231	19.8	100			3.7	7.4	72.5
Dekalb	DKC65-95RIB	M	C2	G	115	245	18.0	100			4.2	8.1	72.7
Dekalb	DKC66-18RIB	M	C2	G	116	240	18.9	100			4.0	7.1	73.3
FS InVISION	FS 5909D2A EZR	Mv	C2 R	L G	109	251	17.2	100			3.9	7.1	72.4
FS InVISION	FS 60UX1 RIB	Mv	C2 R2	L B	110	205	17.1	100	219	230	4.1	7.6	72.8
FS InVISION	FS 6106X RIB	Mv	C2 R2	L B	111	237	17.3	100			4.1	7.6	71.8
FS InVISION	FS 6107T RIB	Mv	C2 R	L B	111	212	16.2	100			4.0	7.6	72.3
FS InVISION	FS 6194V RIB	Mv	C2	G	111	239	16.1	100	236		4.3	7.9	72.3
FS InVISION	FS 6395VDG RIB	Mv	C2	G	113	242	18.6	100			4.4	8.5	71.8
FS InVISION	FS 6406X RIB	Mv	C2 R2	L B	114	248	19.0	100			4.4	8.0	72.3
FS InVISION	FS 6595V RIB	Mv	C2	G	115	237	20.0	100	243		4.0	8.0	73.1
Miller Hybrids	M14-40BG	L	C	B	114	224	22.4	100			4.2	7.7	71.8
NuTech	68A7AM	M	C2	G	108	225	16.7	100			4.0	7.3	73.0
NuTech	68B3AML	M	C2 R2	L G	108	214	15.5	100			4.0	7.6	73.1
NuTech	70A8AM	M	C2	G	110	240	17.8	100			4.0	7.2	73.6
NuTech	70F2Q	M	C2 R2	L G	110	244	16.9	100			3.9	7.7	73.5
NuTech	71F5CYR	M	C2	G	111	225	19.2	100			3.7	7.4	73.9
NuTech	72B7CYFR	M	C2 R2	L G	112	214	15.9	100			3.6	8.1	73.3
NuTech	74B6AM	M	C2	G	114	235	19.8	100			4.2	7.5	72.0
NuTech	75G1AM	M	C2	G	115	231	20.8	100			3.7	7.8	73.0
NuTech	78A1YHR	M	C2	G	117	226	19.3	100			4.1	7.1	72.9
NuTech	5FB-9909AM	M	C2	B	109	240	15.9	100	243	251	4.2	7.5	72.4
Pioneer	P1077AM	M	C2	B	110	230	16.3	100			3.8	7.5	72.7
Pioneer	P1099Q	M	C2 R2	L B	110	245	15.9	100			3.8	7.5	73.3
Pioneer	P1108Q	M	C2 R2	L B	111	225	17.8	100			4.1	7.7	73.7
Pioneer	P1197AM	M	C2	B	112	241	15.9	100	251		4.0	8.0	72.2
Pioneer	P1563AML	M	C2	L B	115	239	20.0	100			3.6	7.2	74.1
Power Plus	5N78 Q	M	C2 R2	L B	111	248	16.8	100	251		4.1	7.7	72.7
Power Plus	6J92AM	M	C2	B	113	230	19.5	100			4.0	7.9	72.5
Power Plus	7W63AM	M	C2	B	115	233	21.1	100	236		4.4	8.1	72.2

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							Moisture %	% Erect Plants			Oil @0%	Protein @0%	Starch @0%
Power Plus	7W67 Q	M	C2 R2	L B	115	225	19.8	100			3.7	7.8	73.6
Renk	RK805VT2P	L	C2	L G	110	229	15.5	100			4.0	7.9	72.5
Renk	RK807SSTX	M	C2 R2	B	111	229	16.0	100	231		4.0	7.8	72.4
Renk	RK882SSTX	M	C2 R2	B	111	239	18.6	100			3.9	7.8	72.3
Renk	RK937VT2P	L	C2	L G	113	232	16.0	100	238		4.4	7.9	71.7
Roeschley Hybrids	Rx12-51VT2P	L	C2	G	112	228	17.6	100			4.2	8.0	73.0
Roeschley Hybrids	Rx12-70VT2P	L	C2	G	112	216	17.1	100			4.1	8.1	71.1
Roeschley Hybrids	Rx14-70SS	L	C2 R2	L B	114	225	20.1	100			4.2	8.8	72.1
Stone Seed	0931SS	H	C2 R2	L B	109	239	17.0	100			4.1	8.0	71.8
Stone Seed	1221TRE	H	C2 R2	L B	112	205	17.9	100			4.3	8.0	72.5
Stone Seed	1521SS	H	C2 R2	L B	115	220	19.2	100			4.1	7.5	73.0
Stone Seed	5858RIB	H	C2 R2	L B	108	239	15.5	100	237	242	4.3	8.0	71.7
Stone Seed	6078RIB	H	C2 R2	L B	110	262	16.3	100			4.2	7.8	71.5
Stone Seed	6198RIB	H	C2 R2	L B	111	222	16.0	100	221		4.1	8.0	72.6
Stone Seed	6368RIB	H	C2 R2	L B	113	239	18.7	100	243	249	3.9	7.1	73.6
Stone Seed	6548RIB	H	C2 R2	L B	115	231	19.0	100	235		3.9	7.4	73.2
Sun Prairie Seeds	SPX0608	M	C2 R2	L B	111	243	18.9	100			4.0	7.9	72.9
Sun Prairie Seeds	SPX0713	M	C2	G	112	232	19.3	100			4.4	8.6	71.5
Whisnand	214SS	L	C2 R2	L G	112	214	19.3	100	219	231	3.8	8.0	73.0
Whisnand	301SS	H	C2 R2	L G	114	233	19.1	100	231		4.1	7.9	71.8
Whisnand	303SS	M	C2 R2	L B	114	233	17.8	100			4.1	7.8	72.8
Whisnand	304SS	M	C2 R2	L B	111	232	16.8	100			3.7	7.6	72.7
Non-GMO Hybrids													
Cappel	5320				111	200	15.6	100			3.9	8.2	72.2
Hi Fidelity	HFG1111	M			111	232	19.1	100			3.9	7.4	72.4
Hi Fidelity	HFG1161	M			116	227	22.1	100			3.5	7.8	73.2
Prairie	6590				111	221	16.5	100			4.0	7.5	73.1
Prairie	6878				112	219	18.7	100	228	240	3.9	7.5	72.9
Prairie	7355				112	209	18.3	100	224	232	3.9	7.2	72.9
Prairie	8229				114	241	22.0	100	238	244	4.0	7.5	72.8
Prairie	8290				114	240	22.6	100	236		4.1	7.6	73.0
Prairie	8751 ORG				114	234	19.7	100			3.5	7.2	72.9
Prairie	8759				114	232	18.8	100	239	247	3.9	7.1	73.2
Prairie	8960				115	231	19.6	100			4.4	7.8	72.4
Spectrum	5706	L			107	198	19.0	100			4.2	7.7	73.4
Spectrum	6228	L			112	215	15.2	100			3.9	7.6	72.7
Spectrum	6416	L			114	236	18.7	100			3.9	7.4	73.3
Viking	O.74-10P	L			110	219	17.1	100	221		4.2	8.1	72.5
Viking	O.82-14P	L			114	242	19.9	100	243		4.3	7.7	73.2
	Average					231	18.1	100			4.0	7.7	72.7
	L.S.D 25% Level					9	1.1	0			0.2	0.3	0.7
	CV (%)					4	6.6	0			4.6	4.4	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

⁴The Dwight and Urbana locations were not included due to a damaging rain,wind and hail.

	Dwight	Goodfield	Urbana
Location			
County	Grundy	Woodford	Chamapign
Site Location	Click to see map	Click to see map	Click to see map
Host	Allen Hoffman	Glenn and Ron Joos	Nick Eisenmenger
Soil type	Reddick silty clay loam	Ipava silt loam	Flanagan silt loam
Planting date	May 12, 2020	May 13, 2020	May 11, 2020
Harvest date	Not Harvested	October 16, 2020	October 9, 2020
Nitrogen applied	200 lbs. as UAN side dress	200 lbs as PPI UAN	175 lbs as PPI UAN
Herbicides			
PRE	Salvo, Atrazine	Paraquat	Lumax
POST	Impact	Impact	Impact
Tillage			
Spring	None	None	Field cultivator
Fall	Strip Till	Strip Till	Chisel
Latitude	41.14314635	40.63804665	40.04348672
Longitude	-88.41536691	-89.26309873	-88.22241237
	Dropped due to wind damage		Dropped due to Hail damage