

2018 Hybrid Corn Test Results: South Region (32,000 ppa)

Company	Name	Maturity			Relative Maturity	Regional Results <sup>5</sup>		St Peter			Belleville			2-yr Avg. bu/a	3-yr Avg. bu/a	
		IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>		Yield bu/a	Moisture %	Yield bu/a	Moisture %	Lodging <sup>4</sup> 0-9	Yield bu/a	Moisture %	Lodging <sup>4</sup> 0-9			
AgVenture	AV7910AM	M	C		B	110	224	17.6	225	17.3	8.6	223	18.0	0.0	217	
AgVenture	AV8113AM	M	C2		B	113	241	17.2	250	17.0	7.8	232	17.5	0.0		
AgVenture	AV8614AM	M	C		B	114	233	19.2	237	18.9	6.8	229	19.4	0.0	218	
AgVenture	AV8714AM	M	C		B	114	232	17.8	219	17.3	6.1	245	18.4	0.0	207	205
AgVenture	AV8915AM	M	C		B	115	213	17.9	193	17.0	2.2	233	18.9	0.0	207	
AgVenture	RL7844AM	M	C		B	110	227	16.4	219	16.2	4.1	234	16.7	0.0	209	208
AgVenture	RL8430AM	M	C		B	113	232	18.8	215	18.6	5.4	250	19.0	0.0	221	212
AgVenture	RL8537AM	M	C		B	113	234	17.3	236	16.6	2.7	231	18.0	0.0	213	211
AgVenture	RL8899AM	M	C		B	115	236	18.1	219	17.4	5.7	253	18.7	0.0	225	220
Channel	209-15VT2PRIB	L	C2		G	109	251	17.3	243	15.9	5.4	259	18.7	0.0		
Channel	210-79VT2P	L	C2		G	110	249	16.6	243	14.9	2.8	254	18.2	0.0		
Channel	212-20VT2P	L	C2		G	112	224	17.6	223	16.3	3.0	226	18.8	0.0		
Channel	213-19VT2P	L	C2		G	113	243	17.5	233	16.6	3.7	253	18.4	0.0		
Channel	215-60TRERIB	L	C2	R		G	115	247	249	18.0	7.5	245	19.4	0.0		
Channel	216-36VT2P	L	C2		G	116	235	17.8	228	16.7	4.9	242	18.9	0.0		
Channel	218-44STXRIB	M	C2	R2	L	B	118	240	241	18.1	2.3	238	20.0	0.0		
Dairyland	DS-7513RA	M	C2	R2	L	B	113	219	213	14.4	2.6	226	19.1	0.0		
Dekalb	DKC60-88RIB	M	C2		G	110	235	16.1	238	14.9	2.3	232	17.2	0.0	226	
Dekalb	DKC62-53RIB	L	C2		G	112	241	18.4	230	17.5	1.5	252	19.2	0.0		
Dekalb	DKC64-35RIB	M	C2		G	114	239	17.4	228	16.7	1.0	250	18.0	0.0	222	
Dekalb	DKC65-95RIB	L	C2		G	115	250	18.7	243	17.9	3.4	256	19.5	0.0		
Dekalb	DKC66-75RIB	M	C2		G	116	244	17.7	234	17.4	5.1	255	18.0	0.0	228	
Dekalb	DKC70-27RIB	M	C2		G	120	249	20.7	240	20.7	3.9	257	20.7	0.0	230	
Dyna-Gro	D52VC15	L	C2		G	112	242	17.9	234	17.0	0.9	249	18.8	0.0		
Dyna-Gro	D52VC63	L	C2		G	112	233	17.0	232	16.2	4.2	235	17.9	0.0	224	
Dyna-Gro	D55VC45	L	C2		G	115	240	18.3	240	17.7	1.8	239	18.9	0.0	227	
Dyna-Gro	D57VC51	L	C2		G	117	215	18.2	205	17.9	5.0	225	18.5	0.0		
FS InVISION	FS 60UX1 RIB	M	C2	R2	L	B	110	227	229	15.7	0.7	225	17.0	0.0		
FS InVISION	FS 62TV1DG RIB	L	C2		G	112	226	16.9	223	16.1	3.4	229	17.7	0.0	217	209
FS InVISION	FS 62ZX1 RIB	M	C2	R2	L	B	112	223	215	16.5	6.5	231	17.5	0.0		
FS InVISION	FS 63ZX1 RIB	M	C2	R2	L	B	113	216	207	16.9	2.1	224	19.3	0.0	207	
FS InVISION	FS 64SX1 RIB	M	C2	R2	L	B	114	233	219	17.7	4.4	246	18.1	0.0	221	217
FS InVISION	FS 66ZV1 RIB	L	C2		G	116	239	18.7	235	18.3	2.8	242	19.1	0.0	225	216
FS InVISION	FS 67SV1 RIB	L	C2		G	117	233	19.1	220	18.6	2.8	245	19.5	0.0		
LG Seeds	LG5643VT2RIB	M	C2		G	114	254	17.5	258	16.9	5.3	250	18.1	0.0		
LG Seeds	LG5650VT2RIB	M	C2		G	115	246	17.8	233	17.5	6.9	258	18.2	0.0		
LG Seeds	LG62C02VT2PRO	M	C2		G	112	234	16.6	225	15.2	1.5	242	18.0	0.0		
NuTech Seeds	5F515	M	C		B	115	236	18.3	216	17.5	6.9	257	19.1	0.0	230	222
NuTech Seeds	5F713	M	C		B	113	234	17.7	221	17.8	6.5	248	17.6	0.0	217	212
NuTech Seeds	5FB-4516	M	C		B	116	241	19.2	242	19.0	4.1	241	19.3	0.0		
NuTech Seeds	5FB-6313	M	C		B	113	227	18.0	232	17.7	1.6	222	18.3	0.0		
NuTech Seeds	5LB-7215	M	C		B	115	219	17.9	212	18.2	3.1	226	17.7	0.0		
NuTech Seeds	E5FN-A213	M	C		B	113	240	16.9	235	16.4	1.9	245	17.5	0.0		
NuTech Seeds	E5FN-A714	M	C		B	114	236	19.2	232	18.8	7.3	239	19.5	0.0		
Pioneer	P1197AMXT*	H	C2	R2	L	B	111	231	220	15.2	1.7	242	17.1	0.0	215	
Pioneer	P1311AMXT*	H	C2	R2	L	B	113	221	209	17.0	4.8	232	18.4	0.0	197	

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		GT <sup>2</sup>					bu/a	Moisture %	Yield bu/a	Moisture %	Lodging <sup>4</sup>	Yield bu/a	Moisture %	Lodging <sup>4</sup>		
Pioneer	P1417AMX*	H	C2	R	B	114	229	18.2	216	18.2	8.3	242	18.2	0.0	219	
Power Plus®	5K33 AM TM*	M	C2		B	110	222	17.4	209	16.9	4.9	236	17.9	0.0	214	210
Power Plus®	6P73 AM TM*	M	C2		B	113	223	17.6	208	17.2	5.0	239	18.0	0.0	209	204
Power Plus®	6Z43 AM TM*	M	C2		B	112	239	16.7	236	16.1	2.0	241	17.4	0.0		
Power Plus®	7M83 AM TM*	M	C2		B	115	225	17.8	221	17.3	3.5	230	18.4	0.0	218	
Renk	RK961VT2P	L	C2		G	116	228	17.7	228	16.8	1.3	227	18.6	0.0		
Renk	RK965SSTX	M	C2	R2	L	B	116	236	19.4	19.2	2.2	249	19.5	0.0		
Stone Seed	6072RIB	M	C2		G	110	241	16.4	238	15.0	3.8	245	17.8	0.0		
Stone Seed	6182RIB	M	C2		G	111	232	18.7	225	17.7	2.4	239	19.6	0.0	220	
Stone Seed	6362RIB	M	C2		G	113	244	16.6	237	14.9	1.0	251	18.2	0.0	236	
Stone Seed	6542RIB	M	C2		G	115	261	19.0	256	18.6	6.5	266	19.5	0.0		
Stone Seed	6622RIB	M	C2		G	116	234	19.6	219	19.5	4.0	249	19.7	0.0		
Stone Seed	6712RIB	M	C2		G	117	217	19.2	224	19.3	4.0	210	19.1	0.0	217	
Stone Seed	DG6482RIB	M	C2		G	114	237	17.3	227	16.5	4.8	247	18.1	0.0		
Sun Prairie Seeds	SP2785 RIB	M	C2		G	112	228	16.7	228	16.2	1.7	228	17.1	0.0		
Sun Prairie Seeds	SP2885 GSS	M	C2	R2	L	B	114	223	226	18.9	1.7	221	19.8	0.0		
Sun Prairie Seeds	SPX7897 GSS	M	C2	R2	L	B	114	236	226	15.9	1.2	245	18.5	0.0		
Whisnand	214SS	L	C2	R2	L	B	112	238	236	17.1	6.2	239	19.1	0.0	222	216
Whisnand	300SS	L	C2	R2	L	B	112	190	189	19.5	4.3	190	20.1	0.0		
Whisnand	301SS	L	C2	R2	L	B	112	238	242	19.1	7.9	233	20.2	0.0		
	<b>Average</b>						<b>233</b>	<b>17.9</b>	<b>227</b>	<b>17.2</b>		<b>239</b>	<b>18.5</b>			
	<b>L.S.D 25% Level</b>						<b>11</b>	<b>0.8</b>	<b>13</b>	<b>0.6</b>		<b>10</b>	<b>0.6</b>			
	<b>CV (%)</b>						<b>7</b>	<b>6.5</b>	<b>6</b>	<b>3.8</b>		<b>4</b>	<b>3.6</b>			

<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

<sup>4</sup>Lodging: 0= none, 9= All

<sup>5</sup>The Elkhville location was omitted due to poor data quality