

University of Illinois Department of Crop Sciences Southern IL Region
2016 Hybrid Corn Test Results: South Region (32,000 ppa)

															Belleville Grain Quality				
Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results ⁴			St Peter		Belleville		2-yr Avg. bu/a	3-yr Avg. bu/a	Oil @0%	Protein @0%	Starch @0%		
						Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %							
Stone	6368RIB	H	C2	R2	L	B	113	213	16.6	100	205	14.2	221	19.0			3.8	8.1	73.1
AgVenture	VPM RL8899AM	M	C2			B	115	211	15.6	100	195	14.2	227	17.0	219		3.9	8.5	72.6
NuTech/G2 Genetics	X5Z-1509	M	C2			G	115	209	16.9	100	181	14.8	237	19.0			3.5	8.6	72.8
Channel	213-26VT2PRIB	M	C2		L2	G	113	209	14.4	100	197	13.3	222	15.5			3.8	9.1	72.4
AgVenture	VPM RL8537AM	M	C2			B	113	208	15.9	100	194	14.5	223	17.3	219		3.4	8.7	73.3
Stone	6452RIB	H	C2			G	114	208	16.0	100	196	14.7	220	17.3			4.0	8.4	72.0
InVison	FS 64SX1 RIB	M	C2	R2	L	B	114	208	16.2	100	186	13.9	230	18.5			3.8	8.4	72.5
Stone	6288RIB	H	C2	R2	L	B	112	208	15.4	100	190	13.3	226	17.5	215		3.9	8.8	72.1
Sun Praire	SPX6852 GSS	M	C	R	L	B	114	208	16.1	100	193	13.8	222	18.4			3.9	9.7	71.3
Renk	RK935SSTX	M	C2	R2	L	B	114	206	16.0	100	201	14.8	212	17.2	220		3.8	8.6	72.6
Beck	6158AM™*Brand	H	C2			B	111	206	15.0	100	184	14.0	228	16.0	212		3.6	8.0	73.0
NuTech/G2 Genetics	5F-515	M	C2			G	115	205	16.3	100	184	14.9	227	17.7			4.0	8.6	72.5
Steyer	11409 GSS	L	C2	R2	L	B	114	205	15.2	100	196	14.3	215	16.2			4.3	9.0	72.0
AgVenture	VPM RL7844AM	M	C2			B	110	205	14.7	100	192	13.9	218	15.5	219		3.7	8.7	73.0
AgVenture	VPM RL8815AM	M	C2			B	115	205	16.7	100	188	14.8	221	18.6			3.5	8.6	72.2
AgVenture	VPM RL7687AM	M	C2			B	109	204	15.2	100	202	13.9	207	16.5			3.5	9.0	72.9
Sun Praire	SP2899 VT2PRIB	L	C	R	L	G	114	204	16.7	100	189	15.3	220	18.0			3.7	9.2	72.1
Dekalb	DKC64-89RIB	M	C2			G	114	204	15.6	100	188	13.0	220	18.2	212	216	3.8	8.2	72.5
Channel	216-36STXRIB	M	C2	R2	L	B	116	204	16.7	100	192	14.1	216	19.4			3.7	9.1	72.1
Renk	RK961SSTX	M	C2	R2	L	B	116	204	16.3	100	197	14.2	210	18.4			3.8	8.7	72.3
Whisnand	216 SS	L	C2	R2	L	B	111	204	15.5	100	188	14.0	219	16.9	217		3.9	8.3	72.7
Whisnand	214 SS	L	C2	R2	L	B	112	204	15.4	100	194	13.5	213	17.3	219	220	3.5	9.1	72.5
Dyna-Gro	D54VC52	M	C2			G	114	203	16.6	100	182	14.0	223	19.1			3.8	9.1	72.2
Dekalb	DKC67-72RIB	M	C2			G	117	202	17.4	100	187	14.9	218	19.8	216		3.9	8.5	72.4
Power Plus	6C41 S	H				B	112	202	19.9	100	188	16.7	217	23.1	215		3.5	8.6	72.6
AgVenture	VPM AV8714AM	M	C2			B	114	202	15.6	100	195	14.2	209	17.0	226		3.4	8.4	73.5
Dekalb	DKC62-78RIB	M	C2			G	112	202	14.8	100	185	13.2	218	16.5	209		3.8	8.9	72.4
Dekalb	DKC61-55RIB	M	C2			G	111	202	15.7	100	191	14.0	212	17.3	204		3.5	9.0	73.2
NuTech/G2 Genetics	5F-713	M	C2			G	113	201	15.9	100	194	14.8	209	17.0			3.8	8.5	72.9
Power Plus	5K33 AM	H	C2			B	110	201	16.1	100	181	14.3	221	17.8			3.5	8.5	73.1
Whisnand	217 SS	L	C2	R2	L	B	111	201	16.3	100	182	14.4	220	18.2			3.6	8.1	73.2
NuTech/G2 Genetics	5F-710	M	C2			G	110	201	14.9	100	179	13.9	222	15.9			3.3	8.0	73.5
Steyer	11305 GSS	L	C2	R2	L	B	113	200	15.2	100	182	13.7	218	16.7	200		3.8	9.6	71.9
Stone	DG6152RIB	H	C2			G	111	200	15.7	100	185	13.6	215	17.9	209		3.6	8.7	72.7
Beck	6365AM™*Brand	H	C2		L	B	113	200	15.7	100	192	13.7	209	17.8	227		3.6	8.3	73.1
Burrus	6T54 3000GT	H	C	R		B	112	200	16.5	100	190	14.9	210	18.1	214	214	3.6	8.0	73.2
NuTech/G2 Genetics	X5Z-1001	M	C2			G	110	200	16.0	100	179	14.3	221	17.6			3.6	8.3	73.1
Power Plus	4J93 AM	H	C2			B	109	200	15.3	100	183	14.5	217	16.0			4.1	8.8	72.0
Beck	5828AM™*Brand	H	C2		L	B	110	199	14.8	100	187	13.8	211	15.8	210	217	3.8	8.6	72.7
NuTech/G2 Genetics	5F-015	M	C2			G	115	199	15.6	100	196	14.3	201	16.8			3.6	8.6	72.5
InVison	FS 66ZV1 RIB	L	C2			G	116	198	16.8	100	173	14.5	224	19.0			3.8	9.5	71.6
Channel	211-33VT2PRIB	M	C2		L2	G	111	198	16.1	100	191	14.2	205	18.1	211		3.7	8.9	72.3
NuTech/G2 Genetics	5F-709	M	C2			G	109	198	15.3	100	184	14.5	212	16.1			3.8	8.7	72.7
Steyer	10904 GSS	L	C2	R2	L	B	109	197	15.8	100	188	15.4	206	16.2			3.6	9.1	72.6
Catalyst	7577 3010	H	C			B	114	197	15.8	100	185	14.8	209	16.7	209		3.6	8.7	73.1
Power Plus	6L45 AMT	H	C2	R2		B	112	196	15.7	100	184	14.7	208	16.8	205		3.6	9.4	72.6
Channel	217-41DGVT2PRIB	M	C2		L2	G	117	196	16.3	100	185	13.5	208	19.1	206	213	3.7	8.3	72.8
InVison	FS 60QV1 RIB	L	C2			G	110	195	15.2	100	188	14.4	202	16.1			4.2	9.7	71.4
Power Plus	6P73 AM	H	C2			B	113	194	15.0	100	183	13.8	206	16.2			3.5	8.7	73.3
Beck	6225HR™*Brand	H	C		L	B	112	194	16.9	100	175	14.5	214	19.2			3.6	9.0	73.0
Dyna-Gro	D56VC46	M	C2			G	116	194	17.1	100	180	14.3	208	19.9	213		4.2	9.0	72.2

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						Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %			Oil @0%	Protein @0%	Starch @0%	
AgVenture	VPM RL8430AM	M	C2		B	113	194	15.2	100	181	13.9	206	16.4	224		3.5	8.6	73.2
Steyer	11208 Vt3Pro	L	C2	R	G	112	193	16.1	100	170	14.1	217	18.0	202	205	4.1	8.6	71.7
Stone	6718RIB	H	C3	R2	L	B	117	192	17.9	100	163	16.0	222	19.9		3.8	8.9	72.3
InVison	FS 62TV1DG RIB	L	C2		G	112	192	14.4	100	169	13.3	216	15.5			3.5	8.3	73.5
InVison	FS 63ZV1 RIB	L	C2		G	113	191	15.2	100	171	13.8	212	16.5			3.9	9.0	72.4
InVison	FS 61SV1 RIB	L	C2		G	111	191	15.5	100	175	13.9	208	17.1			4.2	8.0	71.9
Channel	214-00DGVT2PRIB	M	C2		L2	G	114	191	16.3	100	171	15.1	211	17.5		3.7	8.7	73.0
Dekalb	DKC60-69RIB	M	C2		G	110	191	15.1	100	178	13.4	204	16.8			3.6	9.2	72.2
Catalyst	6216 3111A	H	C	R	L	B	112	189	15.5	100	179	13.8	199	17.3		3.8	8.9	72.4
Beck	6127A3	H	C	R	L	B	111	189	14.2	100	187	13.7	190	14.7		4.1	9.0	72.1
Dairyland	DS-9412RA	M	C2	R2	L	B	112	188	16.2	100	163	13.8	213	18.6	205	3.9	8.4	71.8
Renk	RK941SSTX	M	C2	R2	L	B	114	187	15.3	100	163	13.6	210	16.9	199	3.8	8.8	72.8
Beck	6589V2P	H	C2		L	G	115	186	17.4	100	173	15.1	198	19.7		3.8	9.3	72.1
Steyer	11504 GSS	L	C2	R2	L	B	115	184	15.6	100	169	13.5	199	17.7		3.5	9.3	72.7
Steyer	11306 Vt2Pro	L	C2		G	113	180	14.9	100	156	13.4	205	16.5			3.6	8.6	72.6
Beck	6076V2P	H	C2		L	G	110	177	14.3	100	157	13.4	196	15.1		3.7	8.2	73.2
Dyna-Gro	D52VC91	M	C2		G	112	175	15.0	100	145	13.5	205	16.5	197	201	4.0	9.1	71.4
Catalyst	5009 3220	H	C2		L2	B	110	168	14.0	100	158	13.9	179	14.0		3.5	8.7	73.0
	Average						198	15.8	100	183	14.2	213	17.4			3.7	8.7	72.6
	L.S.D 25% Level						11	1.0	0	10	0.7	6	0.9			0.1	0.2	0.5
	CV (%)						7	10.6	0	6	5.4	3	5.6			3.7	2.0	0.7

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

The Elkhart location was omitted due to poor data quality, heavy rain immediately following planting reduced stand significantly