

University of Illinois Department of Crop Sciences East Central Region  
 2016 Hybrid Corn Test Results: East Central Region (36,500 ppa)

															Goodfield Grain Quality											
															Regional Results <sup>4</sup>			Dwight		Goodfield		2-yr	3-yr			
Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	Relative Maturity	Yield bu/a	Moisture %	% Erect Plants	Yield bu/a	Moisture %	Yield bu/a	Moisture %	2-yr Avg. bu/a	3-yr Avg. bu/a	Oil	Protein	Starch									
															@0%	@0%	@0%									
NuTech/G2 Genetics	5L-015	M	C2 R2	G	115	287	17.6	100	287	18.0	286	17.3			3.9	7.8	73.2									
NuTech/G2 Genetics	5F-515	M	C2	G	115	284	17.0	100	273	17.0	295	17.1			4.2	8.0	72.1									
Beck	6365AMX™*Brand	H	C2 R	B	113	283	17.6	100	279	17.9	288	17.4	277	276	4.3	8.3	71.5									
Power Plus	6P75 AMX	H	C2 R	G	113	279	17.9	100	280	17.8	277	17.9	273	270	4.2	8.3	72.0									
InVison	FS 64SX1 RIB	M	C2 R2 L	B	114	279	18.6	100	271	17.8	286	19.5			4.0	8.2	72.4									
NuTech/G2 Genetics	5L-510	M	C2 R2	G	110	276	16.4	100	274	16.6	278	16.2			4.0	8.2	72.6									
NuTech/G2 Genetics	X5Z-1509	M	C2	G	115	276	17.8	100	291	17.2	260	18.4			3.8	7.8	72.8									
Roeschley	Rx15-71SS	L	C2 R2 L	B	115	275	17.0	100	266	17.5	284	16.6			4.3	9.5	71.4									
Renk	RK792SSTX	M	C2 R2 L	B	108	275	14.9	100	264	15.1	286	14.6			4.2	8.2	71.8									
NuTech/G2 Genetics	5L-713	M	C2 R2	G	113	274	17.3	100	263	17.3	285	17.3			4.1	8.3	72.1									
Power Plus	6L45 AMT	H	C2 R2	B	112	273	18.6	100	271	17.8	275	19.4	260		4.0	9.3	71.8									
Whisnand	217 SS	L	C2 R2 L	B	111	273	18.6	100	262	18.7	284	18.6			3.9	7.7	73.1									
NuTech/G2 Genetics	5L-308	M	C2 R2	G	108	272	14.9	100	266	14.9	279	15.0			3.8	8.2	72.7									
Power Plus	5K35 AMX	H	C2 R	G	110	271	16.8	100	263	17.0	278	16.7			4.0	8.1	72.0									
Sun Praire	SPX6852 GSS	M	C R L	B	114	271	17.9	100	270	18.1	271	17.7			4.3	9.2	71.6									
Whisnand	214 SS	L	C2 R2 L	B	112	270	15.6	100	267	15.3	273	15.9	265	262	3.8	8.3	72.5									
NuTech/G2 Genetics	X5Z-1001	M	C2	G	110	270	17.9	100	264	17.7	275	18.1			4.0	8.0	72.2									
<b>Dekalb</b>	<b>DKC63-71RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>113</b>	<b>270</b>	<b>16.6</b>	<b>100</b>	<b>266</b>	<b>16.8</b>	<b>273</b>	<b>16.5</b>			<b>4.1</b>	<b>7.5</b>	<b>72.8</b>									
Munson	7252SS	M	C2 R2 L	B	112	269	16.5	100	268	16.4	270	16.5	264		3.8	7.9	73.3									
NuTech/G2 Genetics	5F-710	M	C2	G	110	268	14.9	100	265	14.7	271	15.2			4.1	7.5	72.8									
Beck	6165AMX™*Brand	H	C2 R	B	111	268	16.3	100	267	16.4	268	16.3	266		4.0	8.6	71.9									
NuTech/G2 Genetics	5D-709	M	C2 R	G	109	267	16.1	100	266	16.2	269	15.9	265		4.3	8.9	71.6									
<b>Dekalb</b>	<b>DKC62-77RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>112</b>	<b>267</b>	<b>15.3</b>	<b>100</b>	<b>254</b>	<b>15.3</b>	<b>281</b>	<b>15.2</b>	<b>261</b>	<b>262</b>	<b>4.1</b>	<b>8.1</b>	<b>72.6</b>									
Munson	7589SS	M	C2 R2 L	B	115	267	17.6	100	269	18.2	265	16.9			4.1	9.0	72.1									
<b>Stone</b>	<b>6288RIB</b>	<b>H</b>	<b>C2 R2 L</b>	<b>B</b>	<b>112</b>	<b>266</b>	<b>16.7</b>	<b>100</b>	<b>258</b>	<b>16.8</b>	<b>274</b>	<b>16.5</b>	<b>262</b>		<b>3.9</b>	<b>8.4</b>	<b>72.8</b>									
<b>Dekalb</b>	<b>DKC63-60RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>113</b>	<b>266</b>	<b>17.0</b>	<b>100</b>	<b>264</b>	<b>17.0</b>	<b>267</b>	<b>16.9</b>			<b>3.9</b>	<b>7.9</b>	<b>72.8</b>									
Beck	5883SX	H	C2 R2 L	B	108	265	14.3	100	263	14.2	268	14.4			4.0	8.0	72.3									
Beck	5828AMX™*Brand	H	C2 R L	B	110	265	15.9	100	258	16.1	272	15.6	261	263	4.2	8.6	72.1									
Channel	216-36STXRIB	M	C2 R2 L	B	116	265	17.7	100	259	17.1	271	18.4			3.9	8.6	72.1									
<b>Dekalb</b>	<b>DKC64-87RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>114</b>	<b>265</b>	<b>16.5</b>	<b>100</b>	<b>255</b>	<b>16.3</b>	<b>274</b>	<b>16.8</b>	<b>263</b>	<b>264</b>	<b>3.8</b>	<b>7.4</b>	<b>73.2</b>									
Power Plus	5C17 AMXT	H	C2 R2	G	110	265	15.9	100	276	15.7	253	16.0	265	267	3.9	8.0	73.1									
Channel	209-53STXRIB	M	C2 R2 L	B	109	264	15.0	100	259	14.7	269	15.4	262	261	3.8	7.1	74.0									
Sun Praire	SP2500 GSS RIB	M	C R L	B	110	264	14.8	100	261	14.6	267	15.1			4.1	7.3	72.4									
InVison	FS 61SX1 RIB	M	C2 R2 L	B	111	263	15.7	100	255	15.4	272	15.9	259		4.3	7.0	73.4									
Whisnand	216 SS	L	C2 R2 L	B	111	263	16.3	100	259	16.1	268	16.4	263		4.1	7.7	72.5									
Channel	211-35STXRIB	M	C2 R2 L	B	111	263	16.4	100	258	16.4	269	16.4	261		3.7	8.4	72.3									
Munson	7084SS	M	C2 R2 L	B	110	263	15.1	100	259	14.9	267	15.4	262		4.0	7.3	72.9									
Roeschley	Rx14-75VT2P	L	C2	G	114	263	18.4	100	259	18.1	267	18.7			4.1	8.3	71.9									
Roeschley	Rx12-75SS	L	C2 R2 L	B	112	262	16.6	100	263	16.4	262	16.7			3.9	8.4	72.4									
Burrus	6T54 3000GT	H	C R	B	112	262	18.8	100	252	18.5	272	19.1	261	261	4.0	8.4	71.9									
Power Plus	4J95 AMX	H	C2 R	G	109	262	16.0	100	261	15.9	263	16.0	260	260	4.2	8.6	72.0									
InVison	FS 60LX1 RIB	M	C2 R2 L	B	110	262	14.9	100	253	14.3	271	15.5			4.1	8.2	72.9									
Channel	214-45STXRIB	M	C2 R2 L	B	114	262	17.1	100	263	17.4	260	16.9	256		4.1	7.9	72.1									
Munson	7312SS	M	C2 R2 L	B	113	262	16.8	100	265	16.3	258	17.3			4.2	7.9	73.0									
<b>Stone</b>	<b>6628RIB</b>	<b>H</b>	<b>C2 R2 L</b>	<b>B</b>	<b>116</b>	<b>261</b>	<b>19.6</b>	<b>100</b>	<b>242</b>	<b>19.7</b>	<b>280</b>	<b>19.5</b>			<b>4.2</b>	<b>8.5</b>	<b>71.9</b>									
Dyna-Gro	D51SS54	M	C2 R2 L	B	111	261	15.5	100	261	15.3	261	15.7	254		4.5	6.9	72.5									
Beck	6076SX	H	C2 R2 L	B	110	261	15.0	100	253	14.9	269	15.1			4.1	7.2	73.4									
NuTech/G2 Genetics	5X-812	M	C R	B	112	260	17.8	100	261	18.0	260	17.6			4.3	8.1	72.5									
Renk	RK871VT2P	L	C2	G	111	260	15.9	100	257	16.0	263	15.7	250		3.8	8.2	72.9									
Renk	RK810SSTX	M	C2 R2 L	B	110	259	15.0	100	257	14.9	260	15.0			4.1	7.3	72.9									
Renk	RK776SSTX	M	C2 R2 L	B	107	258	15.1	100	258	15.3	257	14.9			3.8	8.0	73.5									

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															Goodfield Grain Quality		
Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	Relative Maturity	Regional Results <sup>4</sup>			Dwight		Goodfield		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 %					
InVison	FS 63ZX1 RIB	M	C2 R2	L B	113	258	17.8	100	247	17.2	268	18.5			4.1	8.0	72.2
Renk	RK935SSTX	M	C2 R2	L B	114	256	16.5	100	257	16.6	255	16.5	260		4.0	8.1	72.4
Catalyst	6216 3111A	H	C R	L B	112	256	16.9	100	251	16.1	261	17.7			4.1	8.4	72.0
Dyna-Gro	D52SS91	M	C2 R2	L B	112	255	18.0	100	241	17.2	270	18.8	253	254	4.1	7.8	72.3
Renk	RK941SSTX	M	C2 R2	L B	114	255	17.7	100	239	17.6	272	17.7	244	245	3.8	8.3	72.5
Munson	7106SS	M	C2 R2	L B	111	255	14.6	100	260	14.7	250	14.5			4.6	8.4	71.7
Stone	6068RIB	H	C2 R2	L B	110	255	15.3	100	252	15.2	258	15.4			4.3	7.9	72.5
Channel	215-05STXRIB	M	C2 R2	L B	115	255	16.7	100	245	17.2	264	16.2			4.0	8.8	71.8
Renk	6-798VT2P	L	C2		G	109	254	14.6	100	244	14.8	264	14.5		4.4	7.9	72.2
Dekalb	DKC58-06RIB	M	C2 R2	L B	108	254	14.6	100	238	14.1	269	15.1			3.7	7.3	73.9
Stone	6448RIB	H	C2 R2	L B	114	254	17.4	100	256	18.2	251	16.7	255	255	4.2	7.4	72.7
InVison	FS 62VX1 RIB	M	C2 R2	L B	112	251	15.9	100	248	15.8	255	16.0			4.3	8.2	72.3
Stone	6378RIB	H	C2 R2	L B	113	250	14.9	100	244	14.7	257	15.1			4.0	7.9	72.9
Dekalb	DKC61-54RIB	M	C2 R2	L B	111	250	15.1	100	251	14.9	248	15.2			4.0	7.8	72.8
Dairyland	DS-9110RA	M	C2 R2	L B	110	250	14.9	100	241	15.6	258	14.3			4.4	7.3	72.3
Dairyland	DS-9412RA	M	C2 R2	L B	112	249	16.9	100	243	16.5	256	17.2	246		4.1	7.9	72.3
InVison	FS 58QX1 RIB	M	C2 R2	L B	108	247	13.9	100	242	13.7	252	14.1	243		4.1	7.7	72.6
Channel	207-27STXRIB	M	C2 R2	L B	107	246	14.6	100	247	14.3	245	15.0	239		4.0	7.0	73.2
Dairyland	DS-9911	M	C2 R2	L B	110	246	16.0	100	244	16.0	247	16.0	239		3.9	7.9	73.0
Renk	RK815SSTX	M	C2 R2	L B	111	244	14.9	100	245	14.7	243	15.0			4.4	8.4	71.9
<b>Non-GMO Hybrids</b>																	
Prairie	8229				114	271	18.5	100	272	18.5	270	18.5	263	264	3.8	7.9	72.5
Prairie	6212				111	263	17.4	100	260	17.8	266	17.0	254	253	4.0	8.0	72.8
Prairie	7355				112	262	16.9	100	265	17.0	259	16.8	251		4.1	8.2	71.8
Prairie	6903				110	255	14.9	100	258	14.8	252	14.9	245	246	4.2	8.0	72.9
Prairie	7204				112	255	17.3	100	254	16.6	255	17.9	251	253	3.5	7.3	73.6
Prairie	8052				114	254	18.4	100	255	18.2	254	18.7	244	248	4.2	8.0	71.9
Prairie	8904				114	253	17.0	100	237	16.8	269	17.2	242	245	3.9	8.4	72.7
Prairie	EX3933				112	250	16.7	100	255	17.1	246	16.3			4.0	8.0	72.1
	<b>Average</b>					263	16.4	100	259	16.4	267	16.5			4.1	8.0	72.5
	<b>L.S.D 25% Level</b>					10	0.6	0	9	0.7	10	0.6			0.1	0.3	0.5
	<b>CV (%)</b>					6	5.1	0	4	4.4	4	3.9			3.8	4.0	0.8

<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>The Urbana location was omitted due to severe root lodging, caused by heavy rainfall and high winds after pollination (July 13th) none of the plots at Urbana were unaffected.