

2021 Hybrid Corn Test Results: East Central Region (36,500 ppa)

																				Urbana Grain Quality				
Regional Results										Dwight			Goodfield			Urbana			2-yr	3-yr	Oil	Protein	Starch	
Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Yield bu/a	Moisture %	Ldg ⁴ 0-9	Avg. bu/a	Avg. bu/a	@0%	@0%	@0%		
Renk	RK826VT2P	L	C2		G	111	247	14.5	0.2	243	15	0.7	249	15	0.0	249	14	0.0			4.2	8.2	72.6	
Renk	RK882TRE	L	C2	L	G	111	241	15.7	1.5	244	16	2.0	211	17	0.7	266	15	1.9			3.8	8.0	73.0	
Renk	RK907SSTX	M	C2	R2	L	B	115	249	15.5	1.2	259	16	3.0	227	16	0.7	261	15	0.0			4.1	8.1	73.0
Renk	RK915VT2P	L	C2		G	115	246	16.4	0.6	246	16	1.0	233	18	0.7	259	15	0.3			4.1	7.7	73.4	
Renk	RK945DGV2P	L	C2		G	115	252	17.2	0.8	253	18	1.0	238	19	0.3	266	15	1.0			3.7	7.8	73.7	
Stone Seed	0931SS	H	C2	R2	L2	B	109	249	14.5	0.7	238	15	1.7	244	15	0.0	266	13	0.3	246		4.0	8.1	72.9
Stone Seed	1122SS	H	C2	R2	L2	B	111	248	15.9	1.8	240	16	3.7	243	17	0.0	261	15	1.6			4.3	7.9	72.2
Stone Seed	1221TRE	H	C2		L3	G	112	247	16.6	1.4	245	16	3.0	246	19	0.7	250	15	0.4	226		4.2	8.7	72.0
Stone Seed	1332SS	H	C2	R2	L2	B	113	246	17.2	1.5	244	18	3.0	234	19	0.0	260	15	1.4			4.3	8.7	71.5
Stone Seed	1521SS	H	C2	R2	L2	B	115	235	15.9	1.8	250	16	3.0	216	17	0.0	239	15	2.5	233		4.1	7.7	72.9
Stone Seed	6078RIB	H	C2	R2	L2	B	110	254	15.6	0.9	271	16	1.6	232	17	1.0	259	14	0.0	249		4.0	7.6	73.1
Stone Seed	6368RIB	H	C2	R2	L2	B	113	249	17.5	1.3	250	18	1.8	222	20	0.7	277	15	1.5	247	246	4.0	7.5	72.4
Sun Prairie Seeds	SP2508	M	C2	R2	L	B	110	243	14.5	2.1	241	15	5.0	224	15	0.0	265	14	1.3		246	4.1	7.7	73.3
Sun Prairie Seeds	SP2607	M	C2	R2	L	B	111	245	16.6	0.9	258	15	1.3	221	20	0.0	257	15	1.3			3.9	7.9	72.9
Whisnand	303VT2P	L	C2		G	115	228	15.9	1.1	232	16	2.0	222	17	1.3	231	14	0.0			4.0	8.0	72.6	
Whisnand	304SS	L	C2	R2	L	B	112	234	14.3	1.0	239	14	2.7	220	15	0.0	244	13	0.4	230		3.7	8.0	73.6
Wyffels Hybrids	W7876RIB	L	C2		G	114	260	17.2	1.6	274	18	3.0	241	18	0.3	266	15	1.5			3.9	8.0	72.8	
Wyffels Hybrids	W8936DGRIB	L	C2		G	117	246	17.1	0.9	257	17	2.0	218	19	0.3	264	16	0.4			3.8	8.2	72.8	
Non-GMO Hybrids																								
Cappel Seed	5320					112	236	14.7	1.4	242	15	2.4	230	15	1.0	236	14	0.9	200			3.7	7.8	73.1
Hi Fidelity	EXP2035	M				113	222	14.8	2.9	238	17	6.0	201	14	2.0	228	13	0.9			4.3	8.1	72.2	
Hi Fidelity	HFG1111	M				111	241	15.0	1.0	258	17	2.4	227	14	0.3	239	14	0.3	227			3.9	7.5	73.2
Hi Fidelity	HFG1132	M				113	243	15.9	2.1	240	17	5.3	235	17	0.7	254	14	0.3			4.0	8.1	72.6	
Prairie	6878					112	251	15.5	1.6	258	16	2.7	238	16	1.3	258	14	0.9	231	233		3.5	7.6	73.7
Prairie	7830					113	219	17.5	1.7	199	19	3.7	203	18	1.3	253	16	0.0			3.9	7.6	73.0	
Prairie	8229					114	252	18.4	3.2	233	18	4.7	248	21	0.3	274	16	4.7	230	232		4.0	7.9	72.7
Prairie	8290					114	238	19.4	3.4	206	19	4.6	256	20	1.0	252	19	4.5	246	241		4.2	8.1	71.9
Prairie	8759					115	228	20.4	2.4	200	23	6.3	232	22	0.0	253	16	1.0	235	239		3.8	7.9	73.0
Prairie	8960					114	249	17.4	1.9	247	17	2.3	228	19	0.3	272	16	3.0	229			4.3	8.2	71.7
Average						245	16.0		248	17		231	17		256	15					4.0	8.0	72.7	
L.S.D 25% Level						11	0.9		16	1		12	1		13	0					0.1	0.3	0.5	
CV (%)						8	10.9		7	6		6	7		6	3					3.4	3.8	0.8	

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

⁴Lodging: 0= none, 9= All

** Variety dropped due to plot damage.

Location	Dwight	Goodfield	Urbana
County	Grundy	Woodford	Chamapign
Site Location	Click to see map	Click to see map	Click to see map
Host	Tyson Dollinger	Glenn and Ron Joos	Nick Eisenmenger
Soil type	Drummer silty clay loam	Ipava silt loam	Drummer silty clay loam
Planting date	April 30, 2021	May 1, 2021	April 30, 2021
Harvest date	October 6, 2021	September 28, 2021	October 4, 2021
Nitrogen applied	22 lbs. as PPI UAN 134 lbs. sidress	200 lbs as PPI UAN	185 lbs as PPI UAN

Pesticides

PRE	Keystone	Paraquat	Resicore, Aatrex
POST	Impact	Impact	Impact
Fungicide	Trivapro	None	None
Tillage			
Spring	Field cultivator	None	Field cultivator
Fall	Chisel	Strip Till	Chisel
Latitude	41.20390892	40.63804665	40.08032916
Longitude	-88.49109627	-89.26309873	-88.22471646

RainFall

April	4.2	2.8	1.9
May	3.9	5.3	3.6
June	6.8	4.9	7.8
July	4.4	2.6	4.2
August	4.2	4.7	2.0
September	1.8	1.3	3.0
Total	25.3	21.6	22.5