

2023 Hybrid Corn Test Results: Region 2 (36,500 ppa)

Company	Name	IST ¹	GT ²	HT ³	Relative Maturity	Regional Results		Monmouth		Goodfield		
						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %	
Early RM												
AXIS	59D50RIB	M	C2 R3 L3	B	109	249	18.2	259	14.6	239	21.8	
AXIS	59R27RIB	L	C2	B	109	269	20.6	290	14.8	249	26.4	
Channel	207-87VT2PRIB	M	C2	G	107	286	19.1	305	13.8	267	24.3	
Cornelius	C6472TRE	L	C	L G	104	275	17.1	297	13.5	253	20.8	
Cornelius	C6578PC	L	C	L B	105	256	18.4	276	15.8	237	21.0	
Cornelius	C6847TRE	L	C	L G	108	282	18.8	292	14.2	272	23.3	
Cornelius	C6936SS	L	C R	L B	109	277	21.2	279	15.7	276	26.8	
NuTech	66D1AM				106	275	20.4	284	16.5	266	24.3	
NuTech	68A7AM				108	276	21.3	285	15.7	266	26.8	
NuTech	70B4AM				110	286	21.1	312	16.1	260	26.2	
Sun Prairie Seeds	SP2562	M	C2	L G	109	276	21.1	278	16.4	275	25.8	
Non-GMO Hybrids												
Prairie	3051				105	275	19.4	290	14.3	261	24.6	
Prairie	3259				105	272	17.8	284	14.4	260	21.3	
Prairie	5142				109	251	20.0	283	16.0	220	23.9	
Prairie	5851				109	259	20.9	282	16.1	237	25.7	
Prairie	5883				109	283	19.6	309	15.7	257	23.6	
Viking	85-09	L			109	278	20.5	314	16.2	242	24.8	
	Average					269	19.8	285	15.5	253	24.1	
	L.S.D 25% Level					15	1.5	17	1.0	10	1.7	
	CV (%)					8	10.8	6	6.8	4	7.3	
Any RM												
AXIS	60N61	L	C2	B	110	276	21.3	294	16.3	259	26.2	
AXIS	62B56RIB	M	C2 R3 L3	B	112	279	23.1	297	18.0	262	28.2	
AXIS	63F60RIB	M	C3 R3 L3	B	113	287	22.6	298	16.9	277	28.4	
AXIS	63W23RIB	L	C2	B	113	269	20.9	287	17.4	251	24.4	
AXIS	66V66RIB	M	C3 R3 L3	B	116	282	28.8	319	21.4	244	36.1	
Burrus	7F33 VT2P	M	C2	G	114	286	23.4	301	17.9	272	28.9	
Burrus	7P71 VT2P	M	C2	G	115	279	24.9	292	16.9	267	32.8	
Channel	210-08VT2PRIB	M	C2	G	110	273	19.7	291	15.1	255	24.4	
Channel	210-46VT2PRIB	M	C2	G	110	262	17.9	280	13.9	244	21.9	
Channel	211-11VT2PRIB	M	C2	G	111	280	19.8	281	15.3	278	24.3	
Channel	212-52SSPRIB	M	C2 R3	B	112	280	19.6	299	15.5	260	23.8	
Channel	214-78DGVT2PRIB	M	C2	G	114	290	23.1	317	17.1	264	29.2	
Channel	215-70TRERIB	M	C2	G G	115	298	26.7	339	19.5	258	33.8	

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Channel	216-82STXRIB	M	C2 R3	B	116	271	26.3	300	18.6	241	34.0
Channel	217-01VT2PRIB	M	C2	G	117	275	21.2	285	16.6	264	25.8
Cornelius	C7021DP	L	C	L G	110	254	19.0	251	14.6	256	23.4
Cornelius	C7048SSP	L	C R	L B	110	275	20.8	290	15.3	260	26.3
Cornelius	C7202SSP	L	C R	L B	112	280	23.6	293	17.5	268	29.7
Cornelius	C7235PC	L	C	L B	112	283	23.2	305	17.7	262	28.7
Cornelius	C7308SS	L	C R	L B	113	277	20.7	292	16.7	262	24.7
Cornelius	C7357DP	L	C	L G	113	265	20.7	285	16.1	245	25.3
Cornelius	C7366DGDP	L	C	L G	113	307	21.5	343	17.0	271	26.0
Cornelius	C7448PC	L	C	L B	114	271	24.2	318	18.6	223	29.9
Cornelius	C7450SS	L	C R	L B	114	290	22.9	317	17.1	264	28.7
Cornelius	C7590DP	L	C	L G	115	274	24.0	299	17.4	248	30.6
Dyna-Gro	D48SS50				108	273	18.5	293	15.3	253	21.8
Dyna-Gro	D50VC09				110	264	18.5	289	13.3	239	23.8
Dyna-Gro	D53SS13				113	287	21.8	305	16.7	270	26.9
Dyna-Gro	D56TC44				116	272	21.5	282	18.0	262	25.1
NuTech	68A9AM				108	274	21.2	295	15.4	252	27.1
NuTech	70F6Q				110	299	20.0	327	16.4	272	23.6
NuTech	71A2AM				111	269	22.2	297	16.7	241	27.6
NuTech	72A5Q				112	278	20.8	308	16.9	248	24.7
NuTech	73A4AM				113	278	24.2	318	19.3	237	29.1
NuTech	73A6Q				113	271	21.1	298	17.1	245	25.2
NuTech	74C4AM				114	262	20.9	307	15.9	218	25.9
NuTech	75C1AM				115	267	25.2	306	20.1	228	30.3
NuTech	77A5AM				117	280	23.6	316	19.3	245	27.8
Power Plus	5J21AM	M	C2	B	110	272	21.6	309	16.2	236	27.0
Power Plus	6W81 AM	M	C2	B	113	260	22.9	300	17.2	219	28.6
Renk	RK811PWE	M	C2	L G	111	273	24.9	302	16.7	245	33.1
Renk	RK876VT2P	M	C2	G	113	299	23.5	308	18.5	290	28.6
Renk	RK895DGVT2P	M	C2	G	113	267	23.3	282	18.1	251	28.6
Renk	RK907SSTX	M	C2 R3	B	115	270	21.1	288	17.0	252	25.2
Renk	RK915VT2P	M	C2	G	115	282	23.8	319	18.0	244	29.6
Renk	RK940SSTX	M	C2 R3	B	115	287	24.1	303	18.7	270	29.6
Renk	RK958VT2P	M	C2	G	115	293	22.7	320	16.8	267	28.7
Stone Seed	0904SP	M	C3 R3 L2	B	109	260	19.0	283	14.1	236	23.8
Stone Seed	1103SS	M	C3 R3 L2	B	111	268	22.5	282	16.1	253	29.0
Stone Seed	1303SP	M	C3 R3 L2	B	113	258	24.3	268	16.2	248	32.5
Stone Seed	1304TRE	M	C3	L3 G	113	263	21.6	288	15.9	239	27.2

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Stone Seed	1403TRE	M	C3	L3	G	114	282	21.5	310	16.8	254	26.1
Stone Seed	1504TRE	M	C3	L3	G	115	274	22.6	308	16.2	240	29.1
Studer	P1151AM	H	C2		B	111	253	20.3	277	17.4	229	23.3
Studer	P1197A	H	C2		B	111	273	22.9	296	16.9	249	28.9
Sun Prairie Seeds	SP2562	M	C2	L	G	109	275	19.8	285	14.7	265	25.0
Sun Prairie Seeds	SP2788	M	C2		G	113	266	21.7	276	16.6	255	26.7
Sun Prairie Seeds	SP2789	M	C2		G	112	286	24.8	301	18.0	271	31.5
Non-GMO Hybrids												
Prairie	6590						252	20.1	266	15.6	238	24.6
Prairie	6878						268	22.6	285	17.7	250	27.5
Prairie	7461						265	25.2	299	17.9	230	32.5
Prairie	8683						280	23.3	318	19.4	242	27.1
Prairie	8864						271	20.6	297	15.7	246	25.5
Prairie	8960						274	25.0	292	18.6	255	31.4
Prairie	9703						278	25.4	304	18.3	251	32.4
	Average						275	22.1	298	16.8	251	27.4
	L.S.D 25% Level						18	2.0	13	0.7	16	2.2
	CV (%)						10	13.2	5	4.7	7	8.6

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

	Monmouth	Goodfield
Location	Warren	Tazewell
County	Warren	Tazewell
Site Location	Click to see map	Click to see map
Host	Greg Steckel	Dan and Jason Magarity
Soil type	Sable silty clay loam	Sable silty clay loam
Planting date	May 9, 2023	May 18, 2023
Harvest date	October 17, 2023	October 4, 2023
Nitrogen applied	175 lbs. as PPI UAN	200 lbs as fall NH3

Pesticides

PRE	Harness Xtra	Resicore
POST	Armezon Pro	Laudis, Aatrex
Fungicide	None	Yes
Tillage		
Spring	Field cultivate	Field cultivate
Fall	Disk ripper	None
Latitude	40.92619716	40.67491215
Longitude	-90.72482985	-89.32718802

RainFall

April	2.4	1.6
May	1.4	3.3
June	3.6	3.4
July	5.6	3.8
August	3.9	3.1
September	2.2	4.8
Total	20.1	20.0