

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

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

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						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %
Channel	216-82STXRIB	116	M C2 R3		B	271	26.3	300	18.6	241	34.0
Channel	217-01VT2PRIB	117	M C2		G	275	21.2	285	16.6	264	25.8
Cornelius	C7021DP	110	L C	L	G	254	19.0	251	14.6	256	23.4
Cornelius	C7048SSP	110	L C R	L	B	275	20.8	290	15.3	260	26.3
Cornelius	C7202SSP	112	L C R	L	B	280	23.6	293	17.5	268	29.7
Cornelius	C7235PC	112	L C	L	B	283	23.2	305	17.7	262	28.7
Cornelius	C7308SS	113	L C R	L	B	277	20.7	292	16.7	262	24.7
Cornelius	C7357DP	113	L C	L	G	265	20.7	285	16.1	245	25.3
Cornelius	C7366DGDP	113	L C	L	G	307	21.5	343	17.0	271	26.0
Cornelius	C7448PC	114	L C	L	B	271	24.2	318	18.6	223	29.9
Cornelius	C7450SS	114	L C R	L	B	290	22.9	317	17.1	264	28.7
Cornelius	C7590DP	115	L C	L	G	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	110	M C2		B	272	21.6	309	16.2	236	27.0
Power Plus	6W81 AM	113	M C2		B	260	22.9	300	17.2	219	28.6
Renk	RK811PWE	111	M C2	L	G	273	24.9	302	16.7	245	33.1
Renk	RK876VT2P	113	M C2		G	299	23.5	308	18.5	290	28.6
Renk	RK895DGVT2P	113	M C2		G	267	23.3	282	18.1	251	28.6
Renk	RK907SSTX	115	M C2 R3		B	270	21.1	288	17.0	252	25.2
Renk	RK915VT2P	115	M C2		G	282	23.8	319	18.0	244	29.6
Renk	RK940SSTX	115	M C2 R3		B	287	24.1	303	18.7	270	29.6
Renk	RK958VT2P	115	M C2		G	293	22.7	320	16.8	267	28.7
Stone Seed	0904SP	109	M C3 R3	L2	B	260	19.0	283	14.1	236	23.8
Stone Seed	1103SS	111	M C3 R3	L2	B	268	22.5	282	16.1	253	29.0
Stone Seed	1303SP	113	M C3 R3	L2	B	258	24.3	268	16.2	248	32.5
Stone Seed	1304TRE	113	M C3	L3	G	263	21.6	288	15.9	239	27.2

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						Yield bu/a	Moisture %	Yield bu/a	Moisture %	Yield bu/a	Moisture %
Stone Seed	1403TRE	114	M C3	L3	G	<b>282</b>	<b>21.5</b>	310	16.8	254	26.1
Stone Seed	1504TRE	115	M C3	L3	G	<b>274</b>	<b>22.6</b>	308	16.2	240	29.1
Studer	P1151AM	111	H C2		B	<b>253</b>	<b>20.3</b>	277	17.4	229	23.3
Studer	P1197A	111	H C2		B	<b>273</b>	<b>22.9</b>	296	16.9	249	28.9
Sun Prairie Seeds	SP2562	109	M C2	L	G	<b>275</b>	<b>19.8</b>	285	14.7	265	25.0
Sun Prairie Seeds	SP2788	113	M C2		G	<b>266</b>	<b>21.7</b>	276	16.6	255	26.7
Sun Prairie Seeds	SP2789	112	M C2		G	<b>286</b>	<b>24.8</b>	301	18.0	271	31.5
<b>Non-GMO Hybrids</b>											
Prairie	6590	111				<b>252</b>	<b>20.1</b>	266	15.6	238	24.6
Prairie	6878	112				<b>268</b>	<b>22.6</b>	285	17.7	250	27.5
Prairie	7461	112				<b>265</b>	<b>25.2</b>	299	17.9	230	32.5
Prairie	8683	115				<b>280</b>	<b>23.3</b>	318	19.4	242	27.1
Prairie	8864	114				<b>271</b>	<b>20.6</b>	297	15.7	246	25.5
Prairie	8960	115				<b>274</b>	<b>25.0</b>	292	18.6	255	31.4
Prairie	9703	116				<b>278</b>	<b>25.4</b>	304	18.3	251	32.4
	<b>Average</b>					<b>275</b>	<b>22.1</b>	298	16.8	251	27.4
	<b>L.S.D 25% Level</b>					<b>18</b>	<b>2.0</b>	13	0.7	16	2.2
	<b>CV (%)</b>					<b>10</b>	<b>13.2</b>	5	4.7	7	8.6

<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

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

#### **Pesticides**

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

#### **RainFall**

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