

## **2017 PURDUE EXTENSION, POSEY & GIBSON COUNTY CORN PLOTS SUMMARY**

For more information about the plots, contact: Hans Schmitz, Extension Educator in Posey County (see contact information below).

Thanks to Ben Deno and Thomas Scheuring at Mycogen for all their help in packaging, planting, harvesting and analysis of the Gibson & Posey County locations for the Corn Hybrid Yield Trials. They were given the hybrids in plain, numbered packages, that they then re-packaged and randomized for planting in both the Posey and Gibson County locations.

Thanks to Dan and Alan Bender Farm for allowing us to conduct the test plots on their farm in Posey County. They also provided tillage, spraying, fertilizer application and more for the plots when needed.

### **Below are comments regarding the plots:**

2017 was a year of change, with many transitions throughout the year. Jon Neufelder, retired Posey County Educator is to be thanked greatly for his support from planting to harvest and transmission of the final raw data, which we can assure you was timely. The analysis of it was less timely. Data were double-checked prior to statistical analysis and once again checked post-analysis. Thank you for your patience.

Thanks to the following companies and representatives for providing the seed and plot fees used to conduct the Corn hybrid trials in Gibson and Posey County. Below are the seed company representatives and their contact information:

<u>SEED COMPANY</u>	<u>NAME</u>	<u>PHONE #</u>	<u>SEED COMPANY</u>	<u>NAME</u>	<u>PHONE #</u>
AgriGold Hybrids	Matt Michel	(812) 632-0379	Golden Harvest	Tawny Chesser	(812) 486-6939
Augusta Seed	Matt Rawley	(540) 886-6055	Great Lakes Hybrids	Jim Jackson	(812) 343-6127
Baker Seed	Dan Dorney	(812) 249-3225	LG Seeds	Dan Mitchell	(812) 457-3232
Beck's Hybrids	Kurt Karch	(812) 483-4635	Mycogen Seeds	Ellen Adler	(812) 453-9796
Burrus Seed	Matt Montgomery	(309) 657-0328	Pioneer Hybrids	Emily Seib	(812) 202-5677
Channel Seed	Justin Jones	(757) 784-6157	Seed Consultants, Inc.	Bill Mullen	(740) 505-2022
Dairyland Seed	Tom Forrest	(309) 530-3983	Stewart Seeds	Jim Durchholz	(812) 453-1746
DeKalb Seed	Matt Parmer	(812) 202-1807	Steyer Seeds	Frank Hardimon	(217) 649-5579
Dyna-Gro (CPS)	Brian Sims	(812) 646-5157	Spectrum Ag Holdings	Scott Johnson	(866) 400-9468

[www.extension.purdue.edu/posey](http://www.extension.purdue.edu/posey)

This is a summary, comparing all the yields for the corn hybrids in the Purdue Extension, Posey and Gibson County plots. For specific information about the individual plots, please refer to the individual county plot results in this document, also available at the Purdue Extension, Posey County website at: [www.extension.purdue.edu/posey](http://www.extension.purdue.edu/posey), or by clicking on the link above.

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2017 POSEY & GIBSON COUNTY CORN TEST PLOT SUMMARY

**RR READY CORN HYBRIDS**

COMPANY NAME	HYBRID NUMBER	GIBSON		POSEY		Hybrids listed in alphabetical order by Company name
		AVG. YIELD	*	AVG. YIELD	*	
AgriGold	A6544VT2RIB	310.9	*	256.4	*	LSD for Gibson Plot YIELD is: 37.93 bu. (Alpha = .05)
AgriGold	A645-10VT2RIB	297.9		249.8		
AgriGold	A6572VT2RIB	294.9		232.7		
Augusta	1564	312.0	*	249.1		LSD for Posey Plot YIELD is: 26.68 bu. (Alpha = .05)
Augusta	1165	311.2	*	233.1		
Augusta	1166	301.2		213.8		
Baker	B1156GT3000	305.6		243.1		Any pairwise comparison is appropriate.
Baker	B1318GT3000	301.9		236.7		
Baker	B1643GT	290.1		236.4		
Beck's	6365AM	315.0	*	280.6	*	LSD is "Least Significant Difference"
Beck's	6589V2	303.4		261.1	*	
Beck's	6674SX	264.6		239.6		
Burrus	PP 6P73	342.4	*	276.6	*	YIELD followed by an asterisk (*) is not significantly different from the highest yield
Burrus	PP 7M83	309.3	*	245.2	*	
Channel	216-36DGVT2PRIB	309.9	*	262.0	*	2 replications of each hybrid in Gibson Plot 3 replications of each hybrid in Posey Plot
Channel	215-75VT2PRIB	289.0		239.6		
Channel	212-20VT2PRIB	278.5		257.4	*	
Dairyland	DS 6414	314.9	*	245.8		<b>PLOT INFORMATION</b>
Dairyland	DS9913	275.1		236.4		
Dairyland	DS9510	272.5		227.4		
Dekalb	DKC65-94RIB	324.9	*	264.7	*	See individual County Summary
Dekalb	DKC70-27RIB	317.2	*	253.1		
Dekalb	DKC64-35RIB	310.9	*	244.1		
Dyna-Gro	D56VC46Rib	343.9	*	258.9	*	Thanks to Ben Deno and Thomas Scheuring of Mycogen for packaging plot seed, planting two reps of each plot at their location, and harvesting the Gibson plot location. They only knew the hybrids by the number we assigned; they were unaware which hybrid was which.
Dyna-Gro	D55VC45	320.6	*	244.3		
Dyna-Gro	D54VC52Rib	300.6		242.8		
Golden Harvest	G12W66-3000GT	308.6	*	257.2	*	Thanks to Dan and Alan Bender Farm for allowing us to conduct the Purdue Extension Test Plots on their farm in Posey County. They also provide the tillage, spraying and fertilizer to the corn plots.
Golden Harvest	G18D87-3000GT	302.7		256.0	*	
Golden Harvest	G15L32-3111	292.5		229.0		
Great Lakes	6401STXRIB	308.9	*	260.6	*	Thanks to Phil Devillez of Purdue Crop Performance Program for planting and harvesting the Posey County plots. This information and the state-wide plots he conducts are available at his website at:
Great Lakes	6571VT2RIB	308.4	*	254.5	*	
Great Lakes	6369VT2RIB	304.6		248.5		
LG Seeds	5650VT2PRORIB	320.4	*	266.7	*	<a href="https://ag.purdue.edu/agry/pcpp/">https://ag.purdue.edu/agry/pcpp/</a>
LG Seeds	5663VT2PRORIB	317.0	*	247.4		
LG Seeds	5643 VT2Pro	302.7		244.5		
Mycogen	MY15J45	314.9	*	253.8		For questions or additional information, contact Hans Schmitz at Purdue Extension, Posey County at: <a href="mailto:hschmitz@purdue.edu">hschmitz@purdue.edu</a> or (812) 838-1331.
Mycogen	MY12G35	309.6	*	239.4		
Mycogen	2C799	262.0		223.9		
Pioneer	1637AM	342.1	*	250.7		Seed Consultants
Pioneer	1197AM	306.4		250.1		
Pioneer	1479AM	303.4		248.6		
Seed Consultants	1136YHR	304.3		274.7	*	Seed Consultants
Seed Consultants	11AQ17	299.8		258.5	*	
Seed Consultants	1158YHR	298.3		263.2	*	
Stewart	17DP387	345.3	*	256.2	*	Stewart
Stewart	8E623RIB	329.6	*	248.5		
Stewart	15DP438	271.6		240.2		

**PLOT AVERAGE:** 305.8      249.0

47 hybrids

Results can also be found at:  
<https://extension.purdue.edu/Posey/>

**2017 POSEY & GIBSON COUNTY CORN TEST PLOT SUMMARY**

**NON-GMO CORN HYBRIDS**

COMPANY NAME	HYBRID NUMBER	GIBSON	POSEY	
		AVG. YIELD	AVG. YIELD	
AgriGold	A6499	348.3 *	245.6	Hybrids listed in alphabetical order by Company name
AgriGold	A6559	298.8	244.8	LSD for Gibson Plot YIELD is: 37.68 (Alpha = .05)
AgriGold	A6472	284.3	232.2	LSD for Posey Plot YIELD is: 21.62 (Alpha = .05)
Augusta	5565	322.1 *	249.7 *	
Augusta	5065	296.6	243.9	Any pairwise comparison is appropriate.
Augusta	6867	290.7	236.2	
Baker	B1156A	293.3	250.4 *	LSD is "Least Significant Difference"
Baker	B1318	290.2	228.5	
Baker	B1492A	274.9	198.4	
Beck's	6365PQ	327.7 *	270.4 *	YIELD followed by an asterisk (*) is
Beck's	6225PQ	313.2 *	253.6 *	not significantly different from the highest yield
Beck's	6158PQ	289.5	240.7	
Dyna-Gro	57CC51	346.2 *	243.4	2 replications of each hybrid in Gibson Plot
Dyna-Gro	52CC91	328.1 *	237.5	3 replications of each hybrid in Posey Plot
Dyna-Gro	51CC32	265.3	217.8	
Golden Harvest	G12J11-A	283.6	227.1	
Pioneer	P1197	320.2 *	262.0 *	<b>PLOT INFORMATION</b>
Pioneer	P1602	317.1 *	247.0	
Spectrum	6115	316.7 *	249.6 *	See individual County Summary
Spectrum	6241	290.0	242.7	
Spectrum	6244	262.2	237.4	Thanks to Ben Deno and Thomas Scheuring of
Steyer	T1135JW	298.0	232.1	Mycogen for packaging plot seed, planting two reps of each
Steyer	T1136JW	292.0	224.7	plot at their location, and harvesting the Gibson plot
Steyer	T1134JW	204.0	223.5	location. They only knew the hybrids by the number we
				assigned; they were unaware which hybrid was which.
				Thanks to Dan and Alan Bender Farm for allowing us to
				conduct the Purdue Extension Test Plots on their farm in
				Posey County. They also provide the tillage, spraying and
				fertilizer to the corn plots.
				Thanks to Phil Devillez of Purdue Crop Performance
				Program for planting and harvesting the Posey County
				plots. This information and the state-wide plots he
				conducts are available at his website at:
				<a href="https://ag.purdue.edu/agry/pcpp/">https://ag.purdue.edu/agry/pcpp/</a>
				For questions or additional information, contact Hans
				Schmitz at Purdue Extension, Posey County at:
				hschmitz@purdue.edu or (812) 838-1331.
				Results can also be found at:
				<a href="https://extension.purdue.edu/Posey/">https://extension.purdue.edu/Posey/</a>

**PLOT AVERAGE:**      298.0                      239.1

**2017 POSEY COUNTY CORN TEST PLOT**  
**RR READY CORN HYBRIDS**

POSEY				
COMPANY	HYBRID	AVG.	AVG.	Hybrids sorted by Yield
<u>NAME</u>	<u>NUMBER</u>	<u>YIELD</u>	<u>MOISTURE</u>	
Beck's	6365AM	280.6	*	20.5%
Burrus	PP 6P73	276.6	*	21.2%
Seed Consultants	1136YHR	274.7	*	20.9%
LG Seeds	5663VT2PRORIB	266.7	*	24.4%
Dekalb	DKC70-27RIB	264.7	*	26.4%
Seed Consultants	1158YHR	263.2	*	23.7%
Channel	216-36DGV2PRIB	262.0	*	23.3%
Beck's	6589V2	261.1	*	22.7%
Great Lakes	6369VT2RIB	260.6	*	23.6%
Dyna-Gro	D56VC46Rib	258.9	*	23.4%
Seed Consultants	11AQ17	258.5	*	22.0%
Channel	215-75VT2PRIB	257.4	*	21.0%
Golden Harvest	G18D87-3000GT	257.2	*	26.1%
Agrigold	A6544VT2RIB	256.4	*	22.2%
Stewart	17DP387	256.2	*	24.1%
Golden Harvest	G15L32-3111	256.0	*	23.5%
Great Lakes	6571VT2RIB	254.5	*	22.3%
Mycogen	MY12G35	253.8		27.2%
Dekalb	DKC64-35RIB	253.1		21.4%
Pioneer	1637AM	250.7		22.2%
Pioneer	1479AM	250.1		23.8%
Agrigold	A645-10VT2RIB	249.8		23.7%
Augusta	1564	249.1		23.6%
Pioneer	1197AM	248.6		20.6%
Great Lakes	6401STXRIB	248.5		23.5%
Stewart	15DP438	248.5		24.3%
LG Seeds	5650VT2PRORIB	247.4		22.1%
Dairyland	DS 6414	245.8		24.4%
Burrus	PP 7M83	245.2		23.4%
LG Seeds	5643 VT2Pro	244.5		22.5%
Dyna-Gro	D55VC45	244.3		22.4%
Dekalb	DKC65-94RIB	244.1		22.9%
Baker	B1156GT3000	243.1		21.4%
Dyna-Gro	D54VC52Rib	242.8		23.8%
Stewart	8E623RIB	240.2		23.0%
Beck's	6674SX	239.6		22.7%
Channel	212-20VT2PRIB	239.6		21.2%
Mycogen	MY15J45	239.4		24.1%
Baker	B1643GT	236.7		25.7%
Dairyland	DS9913	236.4		23.0%
Baker	B1318GT3000	236.4		23.5%
Augusta	1165	233.1		24.7%
Agrigold	A6572VT2RIB	232.7		23.1%
Golden Harvest	G12W66-3000GT	229.0		21.1%
Dairyland	DS 9510	227.4		22.3%
Mycogen	2C799	223.9		22.8%
Augusta	1166	213.8		24.1%

3 replications of each hybrid in Posey Plot  
 LSD for Posey Plot YIELD is: 26.68 bushels (Alpha = .05)

Any pairwise comparison is appropriate.

LSD is "Least Significant Difference"

YIELD followed by an asterisk (\*) is not significantly different from the highest yield

**PLOT INFORMATION**

Planted: 5/22/17

Harvested: 10/04/17

10/14/16: 384 lbs.: 28-53-142-8 (N-P-K-S) lbs./A.

6/2/17: 200 lbs. of N, side-dress application of 28% liquid

5/22/17: 3 qts./A. Lexar EZ herbicide was applied, pre-emergent to all plots

7/24/17: Fungicide aerially applied to plot

Thanks to Dan and Alan Bender Farm for allowing us to conduct the Purdue Extension Test Plots on their farm in Posey County. They also provide the tillage, spraying and fertilizer to the corn plots. Thanks also to Dr. Chuck Mansfield for assistance in statistical analysis.

Thanks to Phil Devillez of Purdue Crop Performance Program for planting and harvesting the Posey County plots. This information and the state-wide plots he conducts are available at his website at:

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For questions or additional information, contact Hans Schmitz at Purdue Extension, Posey County at: [hschmitz@purdue.edu](mailto:hschmitz@purdue.edu) or (812) 838-1331.

**PLOT AVERAGE: 249.0 23.1%**

Results can also be found at:

<https://extension.purdue.edu/Posey/>

**2017 GIBSON COUNTY CORN TEST PLOT SUMMARY**  
**RR READY CORN HYBRIDS**

		GIBSON		
COMPANY	HYBRID	AVG.	AVG.	
<u>NAME</u>	<u>NUMBER</u>	<u>YIELD</u>	<u>MOISTURE</u>	Hybrids sorted by Yield
Stewart	17DP387	345.3	* 26.95	LSD for Gibson Plot YIELD is: 37.93 (Alpha = .05)
Dyna-Gro	D56VC46Rib	343.9	* 28.25	
Burrus	PP 6P73	342.4	* 24.3	
Pioneer	1637AM	342.1	* 24.65	
Stewart	8E623RIB	329.6	* 24.25	Any pairwise comparison is appropriate.
Dekalb	DKC65-94RIB	324.9	* 26.1	
Dyna-Gro	D55VC45	320.6	* 25.6	LSD is "Least Significant Difference"
LG Seeds	5650VT2PRORIB	320.4	* 25.05	
Dekalb	DKC70-27RIB	317.2	* 30.9	
LG Seeds	5663VT2PRORIB	317.0	* 27.15	YIELD followed by an asterisk (*) is not significantly different from the highest yield
Beck's	6365AM	315.0	* 24.25	
Dairyland	DS 6414	314.9	* 25.7	
Mycogen	MY15J45	314.9	* 28	
Augusta	1564	312.0	* 27.2	
Augusta	1165	311.2	* 28.05	
Agrigold	A6544VT2RIB	310.9	* 25.25	
Dekalb	DKC64-35RIB	310.9	* 26.65	<b>PLOT INFORMATION</b>
Channel	216-36DGVT2PRIB	309.9	* 25.95	
Mycogen	MY12G35	309.6	* 28.9	Planted: April 13, 2017
Burrus	PP 7M83	309.3	* 26.45	Harvested: September 14, 2017
Great Lakes	6401STXRIB	308.9	* 25.25	
Golden Harvest	G12W66-3000GT	308.6	* 25.6	
Great Lakes	6571VT2RIB	308.4	* 25.3	
Pioneer	1197AM	306.4	23.2	
Baker	B1156GT3000	305.6	25.6	2 replications of each hybrid in Gibson Plot
Great Lakes	6369VT2RIB	304.6	26.4	
Seed Consultants	1136YHR	304.3	26.05	
Pioneer	1479AM	303.4	26.85	Thanks to Ben Deno and Thomas Scheuring of Mycogen for packaging plot seed, planting two reps of each plot at their location, and harvesting the Gibson plot location. They only knew the hybrids by the number we assigned; they were unaware which hybrid was which.
Beck's	6589V2	303.4	25	
Golden Harvest	G18D87-3000GT	302.7	29.25	
LG Seeds	5643 VT2Pro	302.7	23.65	
Baker	B1318GT3000	301.9	27.15	
Augusta	1166	301.2	27	
Dyna-Gro	D54VC52Rib	300.6	28.05	
Seed Consultants	11AQ17	299.8	26.65	
Seed Consultants	1158YHR	298.3	28.05	For questions or additional information, contact Hans Schmitz at Purdue Extension, Posey County at: <a href="mailto:hschmitz@purdue.edu">hschmitz@purdue.edu</a> or (812) 838-1331.
Agrigold	A645-10VT2RIB	297.9	26.7	
Agrigold	A6572VT2RIB	294.9	26.7	
Golden Harvest	G15L32-3111	292.5	26.7	
Baker	B1643GT	290.1	31.5	
Channel	215-75VT2PRIB	289.0	25.55	
Channel	212-20VT2PRIB	278.5	24.65	
Dairyland	DS9913	275.1	27.7	Results can also be found at: <a href="https://extension.purdue.edu/Posey/">https://extension.purdue.edu/Posey/</a>
Dairyland	DS9510	272.5	23.05	
Stewart	15DP438	271.6	25.95	
Beck's	6674SX	264.6	24.95	
Mycogen	2C799	262.0	26	

**PLOT AVERAGE: 305.8 26.34**

**2017 POSEY COUNTY CORN TEST PLOT SUMMARY**  
**NON-GMO CORN HYBRIDS**

		<b>POSEY</b>		
<b>COMPANY</b>	<b>HYBRID</b>	<b>AVG.</b>	<b>AVG.</b>	Hybrids sorted by Yield
<b><u>NAME</u></b>	<b><u>NUMBER</u></b>	<b><u>YIELD</u></b>	<b><u>MOISTURE</u></b>	
Beck's	6365PQ	270.4 *	21.2	3 replications of each hybrid in Posey Plot
Pioneer	P1197	262.0 *	20.4	
Beck's	6225PQ	253.6 *	23.5	LSD for Posey Plot YIELD is: 21.62 (Alpha = .05)
Baker	B1156A	250.4 *	20.9	
Augusta	5565	249.7 *	23.1	Any pairwise comparison is appropriate.
Spectrum	6115	249.6 *	20.4	
Pioneer	P1602	247.0	22	LSD is "Least Significant Difference"
Agrigold	A6499	245.6	23.1	
Agrigold	A6559	244.8	23.4	YIELD followed by an asterisk (*) is
Augusta	5065	243.9	23.4	not significantly different from the highest yield
Dyna-Gro	57CC51	243.4	22.4	
Spectrum	6241	242.7	24.7	<b><u>PLOT INFORMATION</u></b>
Beck's	6158PQ	240.7	22.8	Planted: 5/22/17
Dyna-Gro	52CC91	237.5	23.3	Harvested: 10/04/17
Spectrum	6244	237.4	21.3	
Augusta	6867	236.2	25.7	10/14/16: 384 lbs.: 28-53-142-8 (N-P-K-S) lbs./A.
Agrigold	A6472	232.2	20	
Steyer	T1135JW	232.1	22.6	6/2/17: 200 lbs. of N, side-dress application of 28% liquid
Baker	B1318	228.5	22.9	
Golden Harvest	G12J11-A	227.1	21.9	5/22/17: 3 qts./A. Lexar EZ herbicide was applied, pre-emergent to all plots
Steyer	T1136JW	224.7	23.1	
Steyer	T1134JW	223.5	25.1	7/24/17: Fungicide aerially applied to plot
Dyna-Gro	51CC32	217.8	20.5	
Baker	B1492A	198.4	25.4	Thanks to Dan and Alan Bender Farm for allowing us to conduct the Purdue Extension Test Plots on their farm in Posey County. They also provide the tillage, spraying and fertilizer to the corn plots. Thanks also to Dr. Chuck Mansfield for assistance in statistical analysis.
<b>PLOT AVERAGE:</b>		<b>239.1</b>	<b>22.63</b>	

24 hybrids

Thanks to Phil Devillez of Purdue Crop Performance Program for planting and harvesting the Posey County plots. This information and the state-wide plots he conducts are available at his website at:

2017 GIBSON COUNTY CORN TEST PLOT SUMMARY  
NON-GMO CORN HYBRIDS

GIBSON

COMPANY	HYBRID	AVG.	AVG.	
<u>NAME</u>	<u>NUMBER</u>	<u>YIELD</u>	<u>MOISTURE</u>	
Agrigold	A6499	348.3	*	25.65
Dyna-Gro	52CC91	346.2	*	25.9
Dyna-Gro	57CC51	328.1	*	25.35
Beck's	6225PQ	327.7	*	27.35
Augusta	5565	322.1	*	26.75
Pioneer	P1602	320.2	*	26.35
Pioneer	P1197	317.1	*	24.2
Spectrum Ag Holdings	6241	316.7	*	28.15
Beck's	6365PQ	313.2	*	23.65
Agrigold	A6472	298.8		23.85
Steyer	T1135JW	298.0		25.4
Augusta	5065	296.6		28.05
Baker	B1318	293.3		25.6
Steyer	T1136JW	292.0		25.65
Augusta	6867	290.7		27.85
Baker	B1492A	290.2		28.55
Spectrum Ag Holdings	6244	290.0		25.05
Beck's	6158PQ	289.5		27.4
Agrigold	A6559	284.3		26
Golden Harvest	G12J11-A	283.6		25.3
Baker	B1156A	274.9		24.4
Dyna-Gro	51CC32	265.3		22.35
Spectrum Ag Holding:	6115	262.2		23.65
Steyer	T1134JW	204.0		26.4

Hybrids sorted by Yield

LSD for Gibson Plot YIELD is: 37.68 (Alpha = .05)

Any pairwise comparison is appropriate.

LSD is "Least Significant Difference"

YIELD followed by an asterisk (\*) is not significantly different from the highest yield

2 replications of each hybrid in Gibson Plot

**PLOT INFORMATION**

Planted: April 13, 2017

Harvested: September 14, 2017

Thanks to Ben Deno and Thomas Scheuring of Mycogen for packaging plot seed, planting two reps of each plot at their location, and harvesting the Gibson plot location. They only knew the hybrids by the number we assigned; they were unaware which hybrid was which.

**PLOT AVERAGE:** 298.0 25.79

24 hybrids

For questions or additional information, contact Hans Schmitz at Purdue Extension, Posey County at: hschmitz@purdue.edu or (812) 838-1331.

Results can also be found at:  
<https://extension.purdue.edu/Posey/>