

2013 POSEY & GIBSON COUNTY CORN TEST PLOT RESULTS

RR READY CORN HYBRIDS

(SORTED ALPHABETICALLY BY COMPANY NAME)

COMPANY NAME	HYBRID NUMBER	POSEY COUNTY		GIBSON COUNTY		
		AVG. YIELD	AVG. % MOIST.	AVG. YIELD	AVG. % MOIST.	
AGRIGOLD	A653VT3PRIB	237	19.2	230.7	*	14.5
AGRIGOLD	A6499STX	274	21.6	240.4	*	16.4
AGRIGOLD	A6573VT3PRIB	256	18.8	241.2	*	14.9
BAKER	B1168GT3000	218	18.3	199.4		14.7
BAKER	B1318GT3000	245	20.2	220.3		17.8
BAKER	B1282GT3000	240	18.6	200.1		14.7
BECK'S	6175AM	259	20.4	218.7		16.5
BECK'S	6272HR	253	19.7	217.8		16.2
BURRUS	POWERPLUS 7U15	285 *	19.9	220.5		15.5
BURRUS	POWERPLUS 6C41S	287 *	21.9	228.2		18.9
BURRUS	CATALYST 7893 3111	267	20.7	239.3	*	15.3
CHANNEL	215-52VT3PRIB	266	19.7	237.9	*	16.5
CHANNEL	217-08VT3PRIB	269	21.4	234.3	*	17.3
CHANNEL	214-13VT2PRIB	255	19.2	217.6		15.6
CROPLAN GENETICS	6265SS/RIB	247	18.0	209.0		14.9
CROPLAN GENETICS	6640VT3P	256	18.9	222.3		15.6
CROPLAN GENETICS	6274SS/RIB	249	18.8	230.4	*	15.9
DAIRYLAND SEED	9212	253	18.7	224.3		14.0
DAIRYLAND SEED	9111	249	19.7	210.6		14.3
DAIRYLAND SEED	9314	232	22.0	213.6		16.5
DEKALB	DKC67-58RIB	248	20.4	227.1		17.2
DEKALB	DKC 63-33RIB	258	18.6	236.9	*	14.5
DEKALB	DKC 61-78RIB	233	19.1	216.7		15.0
DYNA-GRO	D52VC91	259	19.4	220.4		15.4
DYNA-GRO	D53VC13	261	18.9	219.4		15.8
DYNA-GRO	D54VC81	253	19.1	220.5		15.9
GOLDEN HARVEST	G14G41-3000GT	249	19.6	214.3		14.5
GOLDEN HARVEST	G10S30-3110	268	18.8	231.8	*	14.7
GOLDEN HARVEST	G09H57-3111	251	18.4	204.7		15.0
GREAT HEART SEED	HT-7261 VT2PRO	255	19.3	216.7		15.8
GREAT HEART SEED	HT-7240 VT2PRO	271	19.9	221.2		15.8
GREAT HEART SEED	HX-3313SS	240	18.8	196.9		15.1
GREAT LAKES SEED	6530VT3PRIB	263	19.0	247.4	*	15.4
GREAT LAKES SEED	6232VT3PRIB	279	19.0	238.0	*	14.2
GREAT LAKES SEED	6354VT3PRIB	253	19.0	220.5		14.5
LG SEEDS	5618STX	268	21.5	237.5	*	17.3
LG SEEDS	5701VT3PRIB	264	20.1	224.5		17.1
LG SEEDS	2636VT3PRIB	266	19.1	230.0	*	15.5
MASTERS CHOICE	MCT6273	248	18.7	226.1		14.6
MASTERS CHOICE	MCT6323	254	20.8	229.9	*	15.0
MASTERS CHOICE	MCT6753	264	23.5	245.5	*	18.8
MYCOGEN SEEDS	2V717	255	18.5	224.2		14.2
MYCOGEN SEEDS	2V779	259	20.8	226.8		14.2
MYCOGEN SEEDS	2Y767	255	19.8	236.1	*	14.3
NK SEEDS	N65-3122	227	18.5	212.0		15.1
NK SEEDS	N70J-4011	257	19.8	223.3		15.3
NK SEEDS	N71U-3122	226	20.3	206.9		16.3
PHOENIX	6442A4	271	18.8	244.6	*	14.5
PIONEER	P1319 HR	290 *	19.8	229.2	*	16.2
PIONEER	P1023AM_R	259	18.4	208.2		14.9
PIONEER	P1498AM	268	20.2	227.1		17.0
SEED CONSULTANTS	SCS1094YHR	254	18.6	208.6		14.6
SEED CONSULTANTS	SCS1131AM-R	288 *	19.6	225.1		15.2
SEED CONSULTANTS	SCS11HQ33	274	18.7	241.6	*	16.6
STEWART SEED	7E743RIB	261	18.9	218.0		14.4
STEWART SEED	8E663RIB	249	18.8	224.7		15.9
STEWART SEED	8E753RIB	271	19.2	232.5	*	16.0
STEYER SEEDS	11407VT3PRIB	274	19.8	230.9	*	15.7
STEYER SEEDS	11504VT2PRIB	279	19.8	229.3	*	15.0
STEYER SEEDS	X31111GENSSRIBC™	252	20.0	229.3	*	15.5
	Average	258	19.6	224		15.6
	LSD (10%)	11	0.5	19		1.0

PLOT INFORMATION

GIBSON COUNTY:

Planted: May 30, 2013

Population: 33,000

Harvested: October 29, 2013

POSEY COUNTY:

Planted: June 7, 2013

Population: 32,000

Harvested: October 26, 2013

4 replications of each hybrid

For more information, contact:

Jon Neufelder

Purdue Extension

126 E. Third St., Room 29

Mt. Vernon, IN 47620-1876

(812) 838-1331

neufelde@purdue.edu

Yield averages followed by * are not significantly different from the highest yield average in this table.

2013 PURDUE EXTENSION, POSEY & GIBSON COUNTY CORN PLOTS

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

Special "thanks" to Marvin and Ruth Redman in Posey County for being the cooperators for the corn and soybean test plots for the past 41 years, as well as, for all the help they give to make the plots and the field days a success!

Also want to thank AgReliant, LLC in Gibson County for packaging, planting, harvesting and evaluating the Gibson County location for the Corn Hybrids Trial. Also thanks to Phil DeVillez, Director of Purdue Crop Performance Program at Purdue University for planting, harvesting and analyzing the Posey County Corn plot results.

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	Great Lakes Hybrids	Phil Brunner	(317) 440-0572
Baker Seed	Dan Dorney	(812) 249-3225	LG Seeds	Dan Mitchell	(812) 457-3132
Beck's Hybrids	Gene Hagedorn	(812) 453-3581	Master Choice	Kevin Koone	(618) 833-6552
Burrus Seed	Matt Montgomery	(309) 657-0328	Mycogen Seeds	Ellen Adler	(812) 453-9796
Channel Seeds	Taylor Shipp	(615) 351-4438	NK Seeds	David Larew	(812) 480-7287
Croplan Genetics	Jediah French	(812) 608-1380	Pioneer Hybrids	Glen Reisinger	(812) 459-7138
Dairyland Seed	Tom Forrest	(309) 530-3983	Seed Consultants, Inc.	Bill Mullen	(740) 505-2022
DeKalb Seed (Monsanto)	Matt Parmer	(812) 202-1807	Specialty Grains, Inc.	John Trewartha	(217) 784-4400
Dyna Gro (CPS)	Josh Kohlmeyer	(812) 664-3222	Stewart Seeds	Brian Denning	(812) 455-7346
Golden Harvest	Tawny Chesser	(812) 486-6939	Steyer Seeds	Tom Jones	(419) 355-6708
Great Heart Seed	Mark Kinsey	(765) 592-1773			

Understanding the LSD (Least Significant Difference)

The least significant difference (LSD) listed for the data should be used to determine if the difference between varieties/hybrids is due to performance differences or random chance. The plot data was calculated and analyzed with alpha set to 0.20. This means that if the difference in yield between two varieties/hybrids were equal to or greater than the listed LSD, there is only a 20% chance that the yield difference is due to random chance and not due to differences in the yield capacity of the individual varieties or hybrids. Or stated another way, the difference would likely be due to variety/hybrid differences in 8 out of 10 instances (80%) when the two are evaluated under conditions like those of the test. Therefore, a difference in yield between any two varieties or hybrids which is less than the listed LSD is likely due to chance. That's why the top performing varieties/hybrids that are likely different due to random chance are marked with an asterisk(*), meaning they are not significantly different from each other, even though their average yield in this plot is different.

Jon Neufelder, Extension Educator
Purdue Extension, Posey County
126 E. Third St., Room 29
Mt. Vernon, IN 47620-1876
(812) 838-1331
neufelde@purdue.edu

Hans Schmitz, Extension Educator
Purdue Extension, Gibson County
203 S. Prince St., Suite B
Princeton, IN 47670-2664
(812) 385-3491
hschmitz@purdue.edu