

2013 GIBSON COUNTY CORN TEST PLOT RESULTS

RR READY CORN HYBRIDS

(SORTED BY YIELD)

COMPANY NAME	HYBRID NUMBER	AVG. YIELD	AVG. % MOIST.
GREAT LAKES SEED	6530VT3PRIB	247.4 *	15.4
MASTERS CHOICE	MCT6753	245.5 *	18.8
PHOENIX	6442A4	244.6 *	14.5
SEED CONSULTANTS	SCS11HQ33	241.6 *	16.6
AGRIGOLD	A6573VT3PRIB	241.2 *	14.9
AGRIGOLD	A6499STX	240.4 *	16.4
BURRUS	CATALYST 7893 3111	239.3 *	15.3
GREAT LAKES SEED	6232VT3PRIB	238.0 *	14.2
CHANNEL	215-52VT3PRIB	237.9 *	16.5
LG SEEDS	5618STX	237.5 *	17.3
DEKALB	DKC 63-33RIB	236.9 *	14.5
MYCOGEN SEEDS	2Y767	236.1 *	14.3
CHANNEL	217-08VT3PRIB	234.3 *	17.3
STEWART SEED	8E753RIB	232.5 *	16.0
GOLDEN HARVEST	G10S30-3110	231.8 *	14.7
STEYER SEEDS	11407VT3PRIB	230.9 *	15.7
AGRIGOLD	A6533VT3PRIB	230.7 *	14.5
CROPLAN GENETICS	6274SS/RIB	230.4 *	15.9
LG SEEDS	2636VT3PRIB	230.0 *	15.5
MASTERS CHOICE	MCT6323	229.9 *	15.0
STEYER SEEDS	11504VT2PRIB	229.3 *	15.0
STEYER SEEDS	X31111GENSSRIBC™	229.3 *	15.5
PIONEER	P1319 HR	229.2 *	16.2
BURRUS	POWERPLUS 6C41S	228.2	18.9
PIONEER	P1498AM	227.1	17.0
DEKALB	DKC67-58RIB	227.1	17.2
MYCOGEN SEEDS	2V779	226.8	14.2
MASTERS CHOICE	MCT6273	226.1	14.6
SEED CONSULTANTS	SCS1131AM-R	225.1	15.2
STEWART SEED	8E663RIB	224.7	15.9
LG SEEDS	5701VT3PRIB	224.5	17.1
DAIRYLAND SEED	9212	224.3	14.0
MYCOGEN SEEDS	2V717	224.2	14.2
NK SEEDS	N70J-4011	223.3	15.3
CROPLAN GENETICS	6640VT3P	222.3	15.6
GREAT HEART SEED	HT-7240 VT2PRO	221.2	15.8
DYNA-GRO	D54VC81	220.5	15.9
GREAT LAKES SEED	6354VT3PRIB	220.5	14.5
BURRUS	POWERPLUS 7U15	220.5	15.5
DYNA-GRO	D52VC91	220.4	15.4
BAKER	B1318GT3000	220.3	17.8
DYNA-GRO	D53VC13	219.4	15.8
BECK'S	6175AM	218.7	16.5
STEWART SEED	7E743RIB	218.0	14.4
BECK'S	6272HR	217.8	16.2
CHANNEL	214-13VT2PRIB	217.6	15.6
DEKALB	DKC 61-78RIB	216.7	15.0
GREAT HEART SEED	HT-7261 VT2PRO	216.7	15.8
GOLDEN HARVEST	G14G41-3000GT	214.3	14.5
DAIRYLAND SEED	9314	213.6	16.5
NK SEEDS	N65-3122	212.0	15.1
DAIRYLAND SEED	9111	210.6	14.3
CROPLAN GENETICS	6265SS/RIB	209.0	14.9
SEED CONSULTANTS	SCS1094YHR	208.6	14.6
PIONEER	P1023AM_R	208.2	14.9
NK SEEDS	N71U-3122	206.9	16.3
GOLDEN HARVEST	G09H57-3111	204.7	15.0
BAKER	B1282GT3000	200.1	14.7
BAKER	B1168GT3000	199.4	14.7
GREAT HEART SEED	HX-3313SS	196.9	15.1

LSD for YIELD is 18.9 bu.

Any pairwise comparison is appropriate.

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

Average yield for the plot is 224.3 bu/acre

Average moisture for the plot is 15.6%

LSD is "Least Significant Difference"

PLOT INFORMATION

Planted: May 30, 2013

Population: 33,000

Harvested: October 29, 2013

4 replications of each hybrid

Thanks to Bryan Welte, Yield Trial Manager at AgReliant Genetics, LLC in Ft. Branch for counting, packaging, planting, harvesting & compiling the plot data for the Gibson County location.

Bolded hybrids were also in 2012 Plot

For more information, contact:

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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.

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