

2013 GIBSON COUNTY CORN TEST PLOT RESULTS

**RR READY CORN HYBRIDS**

(SORTED ALPHABETICALLY BY COMPANY NAME)

| COMPANY<br>NAME  | HYBRID<br>NUMBER   | AVG.<br>YIELD | AVG. %<br>MOIST. |
|------------------|--------------------|---------------|------------------|
| AGRIGOLD         | A653VT3PRIB        | 230.7 *       | 14.5             |
| AGRIGOLD         | A6499STX           | 240.4 *       | 16.4             |
| AGRIGOLD         | A6573VT3PRIB       | 241.2 *       | 14.9             |
| BAKER            | B1168GT3000        | 199.4         | 14.7             |
| BAKER            | B1318GT3000        | 220.3         | 17.8             |
| BAKER            | B1282GT3000        | 200.1         | 14.7             |
| BECK'S           | 6175AM             | 218.7         | 16.5             |
| BECK'S           | 6272HR             | 217.8         | 16.2             |
| BURRUS           | POWERPLUS 7U15     | 220.5         | 15.5             |
| BURRUS           | POWERPLUS 6C41S    | 228.2         | 18.9             |
| BURRUS           | CATALYST 7893 3111 | 239.3 *       | 15.3             |
| CHANNEL          | 215-52VT3PRIB      | 237.9 *       | 16.5             |
| CHANNEL          | 217-08VT3PRIB      | 234.3 *       | 17.3             |
| CHANNEL          | 214-13VT2PRIB      | 217.6         | 15.6             |
| CROPLAN GENETICS | 6265SS/RIB         | 209.0         | 14.9             |
| CROPLAN GENETICS | 6640VT3P           | 222.3         | 15.6             |
| CROPLAN GENETICS | 6274SS/RIB         | 230.4 *       | 15.9             |
| DAIRYLAND SEED   | 9212               | 224.3         | 14.0             |
| DAIRYLAND SEED   | 9111               | 210.6         | 14.3             |
| DAIRYLAND SEED   | 9314               | 213.6         | 16.5             |
| DEKALB           | DKC67-58RIB        | 227.1         | 17.2             |
| DEKALB           | DKC 63-33RIB       | 236.9 *       | 14.5             |
| DEKALB           | DKC 61-78RIB       | 216.7         | 15.0             |
| DYNA-GRO         | D52VC91            | 220.4         | 15.4             |
| DYNA-GRO         | D53VC13            | 219.4         | 15.8             |
| DYNA-GRO         | D54VC81            | 220.5         | 15.9             |
| GOLDEN HARVEST   | G14G41-3000GT      | 214.3         | 14.5             |
| GOLDEN HARVEST   | G10S30-3110        | 231.8 *       | 14.7             |
| GOLDEN HARVEST   | G09H57-3111        | 204.7         | 15.0             |
| GREAT HEART SEED | HT-7261 VT2PRO     | 216.7         | 15.8             |
| GREAT HEART SEED | HT-7240 VT2PRO     | 221.2         | 15.8             |
| GREAT HEART SEED | HX-3313SS          | 196.9         | 15.1             |
| GREAT LAKES SEED | 6530VT3PRIB        | 247.4 *       | 15.4             |
| GREAT LAKES SEED | 6232VT3PRIB        | 238.0 *       | 14.2             |
| GREAT LAKES SEED | 6354VT3PRIB        | 220.5         | 14.5             |
| LG SEEDS         | 5618STX            | 237.5 *       | 17.3             |
| LG SEEDS         | 5701VT3PRIB        | 224.5         | 17.1             |
| LG SEEDS         | 2636VT3PRIB        | 230.0 *       | 15.5             |
| MASTERS CHOICE   | MCT6273            | 226.1         | 14.6             |
| MASTERS CHOICE   | MCT6323            | 229.9 *       | 15.0             |
| MASTERS CHOICE   | MCT6753            | 245.5 *       | 18.8             |
| MYCOGEN SEEDS    | 2V717              | 224.2         | 14.2             |
| MYCOGEN SEEDS    | 2V779              | 226.8         | 14.2             |
| MYCOGEN SEEDS    | 2Y767              | 236.1 *       | 14.3             |
| NK SEEDS         | N65-3122           | 212.0         | 15.1             |
| NK SEEDS         | N70J-4011          | 223.3         | 15.3             |
| NK SEEDS         | N71U-3122          | 206.9         | 16.3             |
| PHOENIX          | 6442A4             | 244.6 *       | 14.5             |
| PIONEER          | P1319 HR           | 229.2 *       | 16.2             |
| PIONEER          | P1023AM_R          | 208.2         | 14.9             |
| PIONEER          | P1498AM            | 227.1         | 17.0             |
| SEED CONSULTANTS | SCS1094YHR         | 208.6         | 14.6             |
| SEED CONSULTANTS | SCS1131AM-R        | 225.1         | 15.2             |
| SEED CONSULTANTS | SCS11HQ33          | 241.6 *       | 16.6             |
| STEWART SEED     | 7E743RIB           | 218.0         | 14.4             |
| STEWART SEED     | 8E663RIB           | 224.7         | 15.9             |
| STEWART SEED     | 8E753RIB           | 232.5 *       | 16.0             |
| STEYER SEEDS     | 11407VT3PRIB       | 230.9 *       | 15.7             |
| STEYER SEEDS     | 11504VT2PRIB       | 229.3 *       | 15.0             |
| STEYER SEEDS     | X31111GENSSRIBC™   | 229.3 *       | 15.5             |

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**

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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 |
| Great Heart Seed       | Mark Kinsey     | (765) 592-1773 | Steyer Seeds           | Tom Jones      | (419) 355-6708 |

### 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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