

2014 POSEY COUNTY CORN TEST PLOT RESULTS

RR READY CORN HYBRIDS

(SORTED ALPHABETICALLY BY COMPANY NAME)

COMPANY NAME	HYBRID NUMBER	AVG. YIELD	AVG. % MOIST.
AGRIGOLD	A6499STXRIB	271.2	21.0
AGRIGOLD	A6573VT3PRIB	292.2 *	18.9
AGRIGOLD	A6659VT3PRIB	285.8 *	20.5
AUGUSTA SEED	5565SS	255.6	21.2
AUGUSTA SEED	5566GTCBLL	266.5	23.0
AUGUSTA SEED	5658GT3000	257.8	18.3
BAKER	B1168GT3000	228.3	17.4
BAKER	B1318GT3000	275.6 *	22.1
BAKER	B1643GT	272.8 *	23.9
BECK'S	6365AM	292.4 *	19.6
BECK'S	6542A4	274.6 *	22.7
BECK'S	6626AM-R	294.8 *	20.8
BROADBECK SEED	53RA11	245.8	18.6
BROADBECK SEED	54RA12	246.5	21.8
BROADBECK SEED	54RA14	239.6	19.7
BURRUS	POWERPLUS 6N83™™™	257.0	20.2
BURRUS	POWERPLUS 7015™™™	278.9 *	21.1
BURRUS	POWERPLUS 7H23™™™	293.5 *	18.0
DAIRYLAND SEED	9311RA	245.6	18.2
DAIRYLAND SEED	9314RA	260.0	21.3
DAIRYLAND SEED	9409RA	253.6	17.5
DEKALB	DKC 62-77RIB	262.6	18.6
DEKALB	DKC 64-87RIB	252.6	19.2
DEKALB	DKC 66-42RIB	289.7 *	20.9
DYNA-GRO	D52VC91	269.4	19.4
DYNA-GRO	D54DC94	278.1 *	19.9
DYNA-GRO	D55VP77	252.5	20.8
GOLDEN HARVEST	G07B39-3111A	283.6 *	18.8
GOLDEN HARVEST	G12J11-3011A	255.0	19.6
GOLDEN HARVEST	G16K01-3111	263.0	23.0
GREAT LAKES SEED	6354VT3PRIB	268.0	18.9
GREAT LAKES SEED	6462STXRIB	258.1	20.6
GREAT LAKES SEED	6530VT3PRIB	251.6	20.1
LG SEEDS	LG 5607VT2 RIB	277.1 *	19.7
LG SEEDS	LG 5618STX RIB	257.7	27.9
LG SEEDS	LG 5622STX	259.5	18.4
MYCOGEN SEEDS	2C799	262.1	19.4
MYCOGEN SEEDS	2V779	262.5	18.9
MYCOGEN SEEDS	2Y767	258.5	21.4
NK SEEDS	N60F-3111	251.3	17.3
NK SEEDS	N67S-3110	272.3 *	18.3
NK SEEDS	N78S-3111	280.2 *	22.8
PIONEER	P1498AM	261.8	19.5
PIONEER	P1646AM	283.5 *	22.0
SEED CONSULTANTS	SC 11AQ15	274.8 *	20.9
SEED CONSULTANTS	SC 11AQ35	246.2	19.8
SEED CONSULTANTS	SCS 1131 AM-R	296.4 *	19.7
STEWART SEED	8E623RIB	248.8	19.5
STEWART SEED	8E663RIB	274.9 *	20.5
STEWART SEED	8E753RIB	282.7 *	20.0
STEYER SEEDS	11103 VT2PRORIBC	261.4	18.7
STEYER SEEDS	11407 VT2PRORIBC	276.4 *	21.3
STEYER SEEDS	11504 VT2PRORIBC	291.4 *	19.6
STINE SEED	R9732VTP Pro	245.3	19.7
STINE SEED	R9739VT3 Pro	244.5	20.3
STINE SEED	R9806EVT2 Pro	256.3	22.3
SUN PRAIRIE SEEDS	DP2818 VT3P RIB	280.3 *	19.9
SUN PRAIRIE SEEDS	SP 2708 V12-RIB	266.3	20.0
SUN PRAIRIE SEEDS	SP 2843	280.7 *	20.7

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 266.5 bu/acre

Average moisture for the plot is 20.2%

LSD is "Least Significant Difference"

PLOT INFORMATION

Planted: May 7, 2014

Population: 33,000

Harvested: October 9, 2014

2 replications of each hybrid

Thanks to Mycogen Seed in Mt. Vernon for counting, packaging, planting, harvesting & compiling the plot data for the Gibson County location.

Special thanks to Tim Hoenert and Hoenert Farms for providing the land and inputs for this year's Posey County plots.

Thanks to Phil Devillez with Purdue Crop Performance Trials for planting & harvesting the Posey Corn plot.

PLOT AVERAGE: 266.5 20.2

2014 POSEY COUNTY CORN TEST PLOT RESULTS
RR READY CORN HYBRIDS

(SORTED BY YIELD)

COMPANY NAME	HYBRID NUMBER	AVG. YIELD	AVG. % MOIST.
SEED CONSULTANTS	SCS 1131 AM-R	296.4 *	19.7
BECK'S	6626AM-R	294.8 *	20.8
BURRUS	POWERPLUS 7H23™	293.5 *	18.0
BECK'S	6365AM	292.4 *	19.6
AGRIGOLD	A6573VT3PRIB	292.2 *	18.9
STEYER SEEDS	11504 VT2PRORIBC	291.4 *	19.6
DEKALB	DKC 66-42RIB	289.7 *	20.9
AGRIGOLD	A6659VT3PRIB	285.8 *	20.5
GOLDEN HARVEST	G07B39-3111A	283.6 *	18.8
PIONEER	P1646AM	283.5 *	22.0
STEWART SEED	8E753RIB	282.7 *	20.0
SUN PRAIRIE SEEDS	SP 2843	280.7 *	20.7
SUN PRAIRIE SEEDS	DP2818 VT3P RIB	280.3 *	19.9
NK SEEDS	N78S-3111	280.2 *	22.8
BURRUS	POWERPLUS 7015™	278.9 *	21.1
DYNA-GRO	D54DC94	278.1 *	19.9
LG SEEDS	LG 5607VT2 RIB	277.1 *	19.7
STEYER SEEDS	11407 VT2PRORIBC	276.4 *	21.3
BAKER	B1318GT3000	275.6 *	22.1
STEWART SEED	8E663RIB	274.9 *	20.5
SEED CONSULTANTS	SC 11AQ15	274.8 *	20.9
BECK'S	6542A4	274.6 *	22.7
BAKER	B1643GT	272.8 *	23.9
NK SEEDS	N67S-3110	272.3 *	18.3
AGRIGOLD	A6499STXRIB	271.2	21.0
DYNA-GRO	D52VC91	269.4	19.4
GREAT LAKES SEED	6354VT3PRIB	268.0	18.9
AUGUSTA SEED	5566GTCBLL	266.5	23.0
SUN PRAIRIE SEEDS	SP 2708 V12-RIB	266.3	20.0
GOLDEN HARVEST	G16K01-3111	263.0	23.0
DEKALB	DKC 62-77RIB	262.6	18.6
MYCOGEN SEEDS	2V779	262.5	18.9
MYCOGEN SEEDS	2C799	262.1	19.4
PIONEER	P1498AM	261.8	19.5
STEYER SEEDS	11103 VT2PRORIBC	261.4	18.7
DAIRYLAND SEED	9314RA	260.0	21.3
LG SEEDS	LG 5622STX	259.5	18.4
MYCOGEN SEEDS	2Y767	258.5	21.4
GREAT LAKES SEED	6462STXRIB	258.1	20.6
AUGUSTA SEED	5658GT3000	257.8	18.3
LG SEEDS	LG 5618STX RIB	257.7	27.9
BURRUS	POWERPLUS 6N83™	257.0	20.2
STINE SEED	R9806EVT2 Pro	256.3	22.3
AUGUSTA SEED	5565SS	255.6	21.2
GOLDEN HARVEST	G12J11-3011A	255.0	19.6
DAIRYLAND SEED	9409RA	253.6	17.5
DEKALB	DKC 64-87RIB	252.6	19.2
DYNA-GRO	D55VP77	252.5	20.8
GREAT LAKES SEED	6530VT3PRIB	251.6	20.1
NK SEEDS	N60F-3111	251.3	17.3
STEWART SEED	8E623RIB	248.8	19.5
BROADBECK SEED	54RA12	246.5	21.8
SEED CONSULTANTS	SC 11AQ35	246.2	19.8
BROADBECK SEED	53RA11	245.8	18.6
DAIRYLAND SEED	9311RA	245.6	18.2
STINE SEED	R9732VTP Pro	245.3	19.7
STINE SEED	R9739VT3 Pro	244.5	20.3
BROADBECK SEED	54RA14	239.6	19.7
BAKER	B1168GT3000	228.3	17.4

LSD for YIELD is 25.2 bu.

Alpha = 0.1

Any pairwise comparison is appropriate.

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

Average yield for the plot is 266.5 bu/acre

Average moisture for the plot is 20.2%

LSD is "Least Significant Difference"

PLOT INFORMATION

Planted: May 7, 2014

Population: 33,000

Harvested: October 9, 2014

2 replications of each hybrid

Thanks to Mycogen Seed in Mt. Vernon for counting, packaging, planting, harvesting & compiling the plot data for the Gibson County location.

Special thanks to Tim Hoenert and Hoenert Farms for providing the land and inputs for this year's Posey County plots.

Thanks to Phil Devillez with Purdue Crop Performance Trials for planting & harvesting the Posey Corn plot.

PLOT AVERAGE: 266.5 20.2

2014 POSEY COUNTY CORN TEST PLOT RESULTS

NON-GMO CORN HYBRIDS

(SORTED ALPHABETICALLY BY COMPANY NAME)

<u>COMPANY NAME</u>	<u>HYBRID NUMBER</u>	<u>AVG. YIELD</u>	<u>AVG. % MOIST.</u>
AGRIGOLD	A6559	267.9	20.6
AGRIGOLD	A6573	277.3 *	19.6
AUGUSTA SEED	5262	227.3	20.3
AUGUSTA SEED	5565	270.2	21.6
AUGUSTA SEED	007	274.9 *	21.5
BAKER	B1252	270.2	21.1
BAKER	B1492A	253.0	24.6
BAKER	B1588	241.4	22.4
BECK'S	6175AA	266.6	20.4
BECK'S	6272AA	266.8	19.1
DEKALB	DKC 62-06	270.0	19.4
DEKALB	DKC 65-18	266.1	21.4
DYNA-GRO	D51CC32	282.0 *	18.6
DYNA-GRO	D54CC81	257.2	22.7
DYNA-GRO	D55CC77	291.7 *	20.9
eMERGE	SX669	244.7	20.7
eMERGE	SX731	263.0	20.8
eMERGE	SX849	249.3	22.3
GOLDEN HARVEST	G09C43	269.7	18.2
GOLDEN HARVEST	G12J11-A	237.7	20.0
GOLDEN HARVEST	G15299	272.0 *	24.4
LG SEEDS	LG 2578	245.3	19.0
LG SEEDS	LG 2620	252.4	20.0
LG SEEDS	LG 2636	270.7 *	20.3
MASTERS CHOICE	MC6020	256.9	21.6
MASTERS CHOICE	MC6460	271.4 *	22.1
MASTERS CHOICE	MC6750	242.5	23.6
MYCOGEN SEEDS	2H721	247.5	22.8
MYCOGEN SEEDS	2J790	248.9	22.5
PIONEER	P1498	275.6 *	19.9
PIONEER	PO987	275.0 *	18.6
SPECTRUM SEEDS	6241	263.2	21.1
SPECTRUM SEEDS	6381	240.4	20.5
SPECTRUM SEEDS	6482	226.3	21.8
SPECTRUM SEEDS	6515	292.9 *	20.7
STEWART SEED	S 590	291.0 *	18.2
STEWART SEED	S 750	287.5 *	20.9
STEYER	1156	265.2	21.7
STEYER	11004	243.8	19.1
STEYER	11102	239.7	20.7
SUN PRAIRIE SEEDS	SP 2708	284.1 *	20.2
SUN PRAIRIE SEEDS	SP 2818	259.5	20.9
SUN PRAIRIE SEEDS	SP 2843	265.2	21.4
AGRIGOLD	A6580WBTRR	257.7	21.6 WHITE HYBRID
BECK'S	6760W	222.2	25.7 WHITE HYBRID
PIONEER	32B16	262.5	23.0 WHITE HYBRID
PIONEER	P1477WHR	262.2	21.0 WHITE HYBRID

LSD for YIELD is 22.5 bu.

Alpha = 0.1

Any pairwise comparison is appropriate.

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

Average yield for the plot is 261.0 bu/acre

Average moisture for the plot is 21.0%

LSD is "Least Significant Difference"

PLOT INFORMATION

Planted: May 7, 2014

Population: 33,000

Harvested: October 9, 2014

2 replications of each hybrid

Thanks to Mycogen Seed in Mt. Vernon for counting, packaging, planting, harvesting & compiling the plot data for the Gibson County location.

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PLOT AVERAGE: 261.0 21.0

2014 POSEY COUNTY CORN TEST PLOT RESULTS
NON-GMO & WHITE CORN HYBRIDS

(SORTED BY YIELD)

<u>COMPANY</u> <u>NAME</u>	<u>HYBRID</u> <u>NUMBER</u>	<u>AVG.</u> <u>YIELD</u>	<u>AVG. %</u> <u>MOIST.</u>
SPECTRUM SEEDS	6515	292.9 *	20.7
DYNA-GRO	D55CC77	291.7 *	20.9
STEWART SEED	S 590	291.0 *	18.2
STEWART SEED	S 750	287.5 *	20.9
SUN PRAIRIE SEEDS	SP 2708	284.1 *	20.2
DYNA-GRO	D51CC32	282.0 *	18.6
AGRIGOLD	A6573	277.3 *	19.6
PIONEER	P1498	275.6 *	19.9
PIONEER	PO987	275.0 *	18.6
AUGUSTA SEED	007	274.9 *	21.5
GOLDEN HARVEST	G15299	272.0 *	24.4
MASTERS CHOICE	MC6460	271.4 *	22.1
LG SEEDS	LG 2636	270.7 *	20.3
AUGUSTA SEED	5565	270.2	21.6
BAKER	B1252	270.2	21.1
DEKALB	DKC 62-06	270.0	19.4
GOLDEN HARVEST	G09C43	269.7	18.2
AGRIGOLD	A6559	267.9	20.6
BECK'S	6272AA	266.8	19.1
BECK'S	6175AA	266.6	20.4
DEKALB	DKC 65-18	266.1	21.4
SUN PRAIRIE SEEDS	SP 2843	265.2	21.4
STEYER	1156	265.2	21.7
SPECTRUM SEEDS	6241	263.2	21.1
eMERGE	SX731	263.0	20.8
PIONEER	32B16	262.5	23.0 WHITE
PIONEER	P1477WHR	262.2	21.0 WHITE
SUN PRAIRIE SEEDS	SP 2818	259.5	20.9
AGRIGOLD	A6580WBTRR	257.7	21.6 WHITE
DYNA-GRO	D54CC81	257.2	22.7
MASTERS CHOICE	MC6020	256.9	21.6
BAKER	B1492A	253.0	24.6
LG SEEDS	LG 2620	252.4	20.0
eMERGE	SX849	249.3	22.3
MYCOGEN SEEDS	2J790	248.9	22.5
MYCOGEN SEEDS	2H721	247.5	22.8
LG SEEDS	LG 2578	245.3	19.0
eMERGE	SX669	244.7	20.7
STEYER	11004	243.8	19.1
MASTERS CHOICE	MC6750	242.5	23.6
BAKER	B1588	241.4	22.4
SPECTRUM SEEDS	6381	240.4	20.5
STEYER	11102	239.7	20.7
GOLDEN HARVEST	G12J11-A	237.7	20.0
AUGUSTA SEED	5262	227.3	20.3
SPECTRUM SEEDS	6482	226.3	21.8
BECK'S	6760W	222.2	25.7 WHITE HYBRID

LSD for YIELD is 22.5 bu.

Alpha = 0.1

Any pairwise comparison is appropriate.

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

Average yield for the plot is 261.0 bu/acre

Average moisture for the plot is 21.0%

LSD is "Least Significant Difference"

PLOT INFORMATION

Planted: May 7, 2014

Population: 33,000

Harvested: October 9, 2014

2 replications of each hybrid

Thanks to Mycogen Seed in Mt. Vernon for counting, packaging, planting, harvesting & compiling the plot data for the Gibson County location.

Special thanks to Tim Hoenert and Hoenert Farms for providing the land and inputs for this year's Posey County plots.

Thanks to Phil Devillez with Purdue Crop Performance Trials for planting & harvesting the Posey Corn plot.

PLOT AVERAGE:

261.0

21.0

2014 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).

Thanks Mycogen for packaging, planting, harvesting and evaluating the Gibson County location for the Corn Hybrids Trial. They were given the hybrids in plain, numbered packages, that they then packaged and randomized for planting in both the Posey and Gibson County locations.

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	Jacob Kibbons	(270) 903-9875
Augusta Seed	Kathryn Rawley	(540) 886-6055	LG Seeds	Dan Mitchell	(812) 457-3132
Baker Seed	Dan Dorney	(812) 249-3225	Master Choice	Kevin Koone	(618) 833-6552
Beck's Hybrids	Gene Hagedorn	(812) 453-3581	Mycogen Seeds	Ellen Adler	(812) 453-9796
Brodbeck Seed	Brady Bishop	(812) 620-4624	NK Seeds	David Larew	(812) 480-7287
Burrus Seed	Matt Montgomery	(309) 657-0328	Pioneer Hybrids	Glen Reisinger	(812) 459-7138
Dairyland Seed	Tom Forrest	(309) 530-3983	Seed Consultants, Inc.	Bill Mullen	(740) 505-2022
DeKalb Seed	Matt Parmer	(812) 202-1807	Sectrum Seed Solutions	Roger Rudolph	(765) 376-5554
Dyna Gro (CPS)	Kenny Taylor	(270) 952-1835	Stewart Seeds	Jim Durcholz	(812) 453-1746
eMerge Seed	Johnny Millwood	(618) 214-1501	Steyer Seeds	Tom Jones	(419) 355-6708
Golden Harvest	Tawny Chesser	(812) 486-6939	Sun Prairie	Kevin Koone	(618) 833-6552

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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