

2008 POSEY & WARRICK COUNTY SOYBEAN YIELD TRIALS

GENERAL INFORMATION: Posey Plot Planted: June 2, 2008 Harvested: October 20, 2008

Warrick Plot Planted: May 1, 2008 Harvested: October 6, 2008

Plot size: Drilled 7 in. X 50 ft. Replicated 4 times.

Population Planted: 160,000

Herbicide: Roundup

Yield and composition analysis for this and other Purdue Extension plots will be available at:

<http://www.ces.purdue.edu/warrick/ag/plots>

* Sorted by highest to lowest "Combined Yield"

Company	Variety	Combined Yield	Posey Yield	Warrick Yield	Avg. Moist.	Matu- rity	Other information
Hubner Seed	H454NRR	81.7 *	76.5 *	87.0 *	10.6	4.5	
Southern Cross	Caleb4.4NRRSTS	81.3 *	74.7 *	87.8 *	10.2	4.4	SCN=3,14; PRR=NG2.5
Seed Consultants	SCS9438RR	80.6 *	73.2 *	88.0 *	10.2	4.3	
Stewart Seeds	SB4334R	78.8 *	73.9 *	83.6 *	10.2	4.3	RR
Great Lakes	GL3859RR	78.6 *	74.9 *	82.3	10.8	3.8	
Pioneer	94Y90	78.3 *	74.4 *	82.2	10.1	4.9	
Pioneer	94Y01	78.0 *	70.3	85.8 *	9.9	4.0	
Seed Consultants	SC9408RR	77.8 *	71.5 *	84.2 *	10.4	4.0	
Crows	3916	77.4 *	71.5 *	83.3 *	10.0	3.9	
Beck's Hybrids	399NRR	77.1 *	72.1 *	82.1	10.0	3.9	
Great Lakes	GL4129RR	76.7 *	68.9	84.4 *	10.0	4.1	
Pioneer	94Y70	76.3	71.2 *	81.3	9.7	4.7	
Wyckoff Hybrids	W3770CRR	75.9	62.5	89.3 *	9.8	3.7	Cyst, RR
LG Seeds	C3988NRR	75.6	68.0	83.2 *	9.8	3.9	cyst+pr
LG Seeds	C4115NRR	75.5	68.4	82.7 *	9.8	4.1	cyst (STS+RR)
Vigoro	V44N9RS	75.3	72.2 *	78.5	10.4	4.4	RR/STS, exc. frogeye, resist stem canker
Specialty Hybrids	SH421CR	75.3	74.3 *	76.3	10.4	4.2	RR/Cyst
Croplan Genetics	RC4207	75.0	70.5	79.4	10.1	4.2	RR/STS
Steyer Seeds	4210RR	74.9	71.3 *	78.6	10.0	4.2	
Southern Cross	Lucus3.8NRR	74.8	67.5	82.1	9.9	3.8	SCN=3,14; PRR=Rps1c
Steyer Seeds	4430RR	74.3	73.1 *	75.5	10.3	4.4	
Specialty Hybrids	SH361RR	74.2	66.6	81.8	10.5	3.6	RR/Cyst
Beck's Hybrids	455NRR	74.1	71.8 *	76.3	10.1	4.4	
Croplan Genetics	RC3757	74.0	72.9 *	75.2	10.8	3.7	
Trisler Seeds	Trisoy4275RR(CN)	73.9	69.8	78.0	10.0	4.2	RR/STS, SCN Race 3 & stem canker rot resist.
Brown Seed	ARISE4209RS	73.8	71.4 *	76.2	10.7	4.2	
Hubner Seed	H377NRR	73.3	65.1	81.5	9.8	3.7	tall
Vigoro	V37N8RR	73.2	75.2 *	71.2	10.7	3.7	strong ratings for SDS, frogeye, PRR
Seed Consultants	SC9468RR	73.2	68.8	77.6	9.8	4.6	
Trisler Seeds	Trisoy3977RR(CN)	73.1	71.9 *	74.3	10.3	3.9	Excellent SDS & Charcoal rot resistance
Baker Seed	4495NRRSTS	73.1	67.3	78.9	10.1	4.4	cyst nematode tolerant

(Sorted by highest to lowest "Combined Yield" continued)

Company	Variety	Combined Yield	Posey Yield	Warrick Yield	Avg. Moist.	Matu- rity	Other information
Dairyland	DSR4500RRSTS	73.0	66.7	79.2	9.7	4.5	RR/STS
Stine	4782-4	72.9	65.7	80.2	9.8	4.7	STS/N
Vigoro	V40N8RS	72.5	69.1	75.9	10.2	4.0	RR/STS, good SDS and frogeye tolerance
Asgrow	AG3906	72.4	65.8	78.9	10.0	3.9	RR/SCN
Baker Seed	4065NRR	72.3	69.3	75.4	10.2	4.0	cyst nematode tolerant
Trisler Seeds	Trisoy4475RR(CN)	72.3	68.3	76.4	9.8	4.4	Excellent frogeye leaf spot, SCN Race 3 resist.
Croplan Genetics	RC4104	72.2	68.2	76.1	10.1	4.1	
Brown Seed	ARISE3909RS	71.9	70.0	73.8	9.7	3.9	
Wyckoff Hybrids	W3672CRR	71.5	68.0	75.1	10.1	3.7	Cyst, RR
Crows	4444	71.4	68.5	74.4	9.8	4.4	
Asgrow	AG3705	71.4	70.0	72.8	10.2	3.7	RR/SCN
Dairyland	DSR4300RR	71.1	68.4	73.9	9.7	4.4	RR
Specialty Hybrids	SH381R	71.1	57.2	85.1 *	9.9	3.8	RR/non Cyst
Stine	3823-4	70.8	67.5	74.2	10.1	3.8	N
Stewart Seeds	SB3579R	70.7	69.0	72.4	10.0	3.5	RR
Brown Seed	ARISE4407NRR	70.6	64.7	76.6	10.2	4.4	
Campbell Seed	418NRRSTS	70.6	67.6	73.6	10.4	4.1	SCN/RR
Asgrow	AG3803	70.1	66.5	73.7	10.0	3.8	RR/SCN
Hubner Seed	H366NRR	69.8	63.7	75.9	10.3	3.6	
Beck's Hybrids	422NRR	69.7	65.9	73.5	10.1	4.2	
Campbell Seed	378NRR	69.6	65.9	73.2	10.2	3.7	SCN/RR
Campbell Seed	388NRR	69.4	68.2	70.6	10.0	3.8	SCN/RR
Southern Cross	Michael4.2NRRSTS	69.0	59.9	78.1	10.1	4.2	SCN=3,14; PRR=NG
Stine	4392-4	68.1	66.3	69.9	10.1	4.3	STS/N
Great Lakes	GL4519RR	67.7	62.2	73.2	10.2	4.5	
Stewart Seeds	SB3888R	67.6	68.2	67.0	10.0	3.8	RR
Wyckoff Hybrids	W3660CRR	66.4	64.6	68.3	10.2	3.6	Cyst, RR, Exc. Frogeye
Steyer Seeds	4040RR	66.4	63.5	69.3	9.8	4.0	
LG Seeds	C4330NRR	65.9	60.8	71.0	10.1	4.3	cyst
Crows	3817	65.9	58.9	72.9	10.2	3.8	
Baker Seed	3945NRR	65.6	61.9	69.2	10.2	3.9	cyst nematode tolerant
	AVERAGE:	73.0	68.4	77.6	10.1	4.1	
	MAXIMUM:	81.7	76.5	89.3	10.8	4.9	
	MINIMUM:	65.6	57.2	67.0	9.7	3.5	

Combined Plots: LSD for yield is 5.20 bu.; alpha = .20

Posey Plot: LSD for yield is 5.58 bu.; alpha = .20

Warrick Plot: LSD for yield is 6.69 bu.; alpha = .20

* Any pairwise comparison is appropriate.

* Yields followed by an asterisk (*) are not significantly different from the highest value.

* LSD stand for "Least Significant Difference"

Bold Varieties were also in 2007 Plot

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* Sorted alphabetically by Company Name

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<i>Asgrow</i>	AG3705	71.4	70.0	72.8	10.2	3.7	RR/SCN
<i>Asgrow</i>	AG3803	70.1	66.5	73.7	10.0	3.8	RR/SCN
<i>Asgrow</i>	AG3906	72.4	65.8	78.9	10.0	3.9	RR/SCN
Baker Seed	3945NRR	65.6	61.9	69.2	10.2	3.9	cyst nematode tolerant
Baker Seed	4065NRR	72.3	69.3	75.4	10.2	4.0	cyst nematode tolerant
Baker Seed	4495NRRSTS	73.1	67.3	78.9	10.1	4.4	cyst nematode tolerant
<i>Beck's Hybrids</i>	399NRR	77.1 *	72.1 *	82.1	10.0	3.9	
<i>Beck's Hybrids</i>	422NRR	69.7	65.9	73.5	10.1	4.2	
Beck's Hybrids	455NRR	74.1	71.8 *	76.3	10.1	4.4	
Brown Seed	ARISE3909RS	71.9	70.0	73.8	9.7	3.9	
Brown Seed	ARISE4209RS	73.8	71.4 *	76.2	10.7	4.2	
Brown Seed	ARISE4407NRR	70.6	64.7	76.6	10.2	4.4	
Campbell Seed	378NRR	69.6	65.9	73.2	10.2	3.7	SCN/RR
<i>Campbell Seed</i>	388NRR	69.4	68.2	70.6	10.0	3.8	SCN/RR
<i>Campbell Seed</i>	418NRRSTS	70.6	67.6	73.6	10.4	4.1	SCN/RR
Croplan Genetics	RC3757	74.0	72.9 *	75.2	10.8	3.7	
<i>Croplan Genetics</i>	RC4104	72.2	68.2	76.1	10.1	4.1	
Croplan Genetics	RC4207	75.0	70.5	79.4	10.1	4.2	RR/STS
Crows	3817	65.9	58.9	72.9	10.2	3.8	
Crows	3916	77.4 *	71.5 *	83.3 *	10.0	3.9	
<i>Crows</i>	4444	71.4	68.5	74.4	9.8	4.4	
Dairyland	DSR4300RR	71.1	68.4	73.9	9.7	4.4	RR
Dairyland	DSR4500RRSTS	73.0	66.7	79.2	9.7	4.5	RR/STS
Great Lakes	GL3859RR	78.6 *	74.9 *	82.3	10.8	3.8	
<i>Great Lakes</i>	GL4129RR	76.7 *	68.9	84.4 *	10.0	4.1	
<i>Great Lakes</i>	GL4519RR	67.7	62.2	73.2	10.2	4.5	
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Hubner Seed	H377NRR	73.3	65.1	81.5	9.8	3.7	tall
Hubner Seed	H454NRR	81.7 *	76.5 *	87.0 *	10.6	4.5	
<i>LG Seeds</i>	C3988NRR	75.6	68.0	83.2 *	9.8	3.9	cyst+pr
LG Seeds	C4115NRR	75.5	68.4	82.7 *	9.8	4.1	cyst (STS+RR)

(Sorted alphabetically by Company Name continued)

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LG Seeds	C4330NRR	65.9	60.8	71.0	10.1	4.3	cyst
Pioneer	94Y01	78.0 *	70.3	85.8 *	9.9	4.0	
Pioneer	94Y70	76.3	71.2 *	81.3	9.7	4.7	
Pioneer	94Y90	78.3 *	74.4 *	82.2	10.1	4.9	
Seed Consultants	SC9408RR	77.8 *	71.5 *	84.2 *	10.4	4.0	
Seed Consultants	SC9468RR	73.2	68.8	77.6	9.8	4.6	
Seed Consultants	SCS9438RR	80.6 *	73.2 *	88.0 *	10.2	4.3	
Southern Cross	Caleb4.4NRRSTS	81.3 *	74.7 *	87.8 *	10.2	4.4	SCN=3,14; PRR=NG2.5
Southern Cross	Lucus3.8NRR	74.8	67.5	82.1	9.9	3.8	SCN=3,14; PRR=Rps1c
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Specialty Hybrids	SH381R	71.1	57.2	85.1 *	9.9	3.8	RR/non Cyst
Specialty Hybrids	SH421CR	75.3	74.3 *	76.3	10.4	4.2	RR/Cyst
Stewart Seeds	SB3579R	70.7	69.0	72.4	10.0	3.5	RR
Stewart Seeds	SB3888R	67.6	68.2	67.0	10.0	3.8	RR
Stewart Seeds	SB4334R	78.8 *	73.9 *	83.6 *	10.2	4.3	RR
Steyer Seeds	4040RR	66.4	63.5	69.3	9.8	4.0	
Steyer Seeds	4210RR	74.9	71.3 *	78.6	10.0	4.2	
Steyer Seeds	4430RR	74.3	73.1 *	75.5	10.3	4.4	
Stine	3823-4	70.8	67.5	74.2	10.1	3.8	N
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Trisler Seeds	Trisoy4275RR(CN)	73.9	69.8	78.0	10.0	4.2	RR/STS, SCN Race 3 & stem canker rot resist.
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Wyckoff Hybrids	W3660CRR	66.4	64.6	68.3	10.2	3.6	Cyst, RR, Exc. Frogeye
Wyckoff Hybrids	W3672CRR	71.5	68.0	75.1	10.1	3.7	Cyst, RR
Wyckoff Hybrids	W3770CRR	75.9	62.5	89.3 *	9.8	3.7	Cyst, RR
	AVERAGE:	73.0	68.4	77.6	10.1	4.1	
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Bold Varieties were also in 2007 Plot

2008 POSEY & WARRICK COUNTY SOYBEAN PLOTS

For additional information regarding Extension Plots, contact Extension Educators, Jon Neufelder in Posey County (neufelde@purdue.edu) or Adrienne Held in Warrick County (aheld@purdue.edu) at the office locations

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

Also, a very special "thanks" to Gary Michel, Retired Extension Educator from Warrick County, for all his help in this year's plot, as well as all the work he's done for Area Agribusiness over the last 30 years.

Thanks to Phil Devillez and Dr. Chuck Mansfield of Purdue University for planting, shelling and analysis of the randomized plots.

Thanks to the following companies and representatives for providing the seed and plot fees used to conduct the Corn trials in Posey and Warrick Counties. Below are the seed company representatives and their contact

<u>SEED COMPANY</u>	<u>NAME</u>	<u>PHONE #</u>	<u>SEED COMPANY</u>	<u>NAME</u>	<u>PHONE #</u>
AgriGold	Matt Michel	(812) 632-0379	LG Seeds	Dan Mitchell	(812) 457-3132
Baker Seed Company	Mike Baker	(618) 456-8851	Mycogen	Chris Sechrest	(618) 928-1499
Brown Seed (Arise brand)	Kent Glover	(217) 895-2335	Pioneer	Glen Reisinger	(812) 459-7138
Beck's Hybrids	Gene Hagedorn	(812) 453-3581	Seed Consultants	Bill Mullen, Jr.	(740) 505-2022
Campbell	Brian Denning	(812) 455-7346	Specialty Hybrids	Matt Bixler	(812) 859-4243
Croplan	Todd Meyer	(812) 630-6585	Stewart Seeds	Kip Featherston	(800) 365-7333
Crows Hybrid Corn Company	Pam Davis	(812) 357-2563	Steyer	Thomas Jones	(270) 213-0020
Dairyland Seed	Tom Forrest	(309) 722-3238	Stine	Kyle Ross	(270) 993-4590
DeKalb Seed	Wes Alexander	(270) 860-2868	Trisler Seeds	Rachel Calvert	(800) 858-2676
Exsegen (Miles Farm Supply)	Scott Janes	(888) 786-4537	Vigoro	Tim Hampton	(270) 635-3290
Great Lakes	David Larew	(812) 632-0796	Wyckoff Hybrids	Luke Goetz	(219) 462-6716
Hubner Seed	Matt Willard	(765) 893-4428	Wyffels	Scott Janes	(888) 786-4537

Purdue Extension, Posey County

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