

2008 POSEY & WARRICK COUNTY SOYBEAN TRIALS  
IN COOPERATION WITH PURDUE EXTENSION, POSEY COUNTY

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	Posey	Warrick	Avg.		Other information
		Yield	Yield	Yield	Moist.	Mat.	
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	
<b>Beck's Hybrids</b>	<b>399NRR</b>	77.1	72.1 *	82.1 *	10.0	3.9	
<b>Great Lakes</b>	<b>GL4129RR</b>	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
<b>LG Seeds</b>	<b>C3988NRR</b>	75.6	68.0	83.2 *	9.8	3.9	cyst+pr
LG Seeds	<b>C4115NRR</b>	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
<b>Steyer Seeds</b>	<b>4430RR</b>	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
Dairyland	DSR4500RRSTS	73.0	66.7	79.2 *	9.7	4.5	RR/STS

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(CONTINUED)

Company	Variety	Combined			Avg.		Other information
		Yield	Yield	Yield	Moist.	Mat.	
<b>Stine</b>	<b>4782-4</b>	72.9	65.7	80.2 *	9.8	4.7	STS/N
<b>Asgrow</b>	<b>AG3705</b>	72.7	70.0 *	75.3	10.2	3.7	RR/SCN
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.
<b>Croplan Genetics</b>	<b>RC4104</b>	72.2	68.2 *	76.1	10.1	4.1	
Brown Seed	ARISE3909RS	71.9	70.0 *	73.8	9.7	3.9	
<b>Wyckoff Hybrids</b>	<b>W3672CRR</b>	71.5	68.0 *	75.1	10.1	3.7	Cyst, RR
<b>Crows</b>	<b>4444</b>	71.4	68.5 *	74.4	9.8	4.4	
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
<b>Stewart Seeds</b>	<b>SB3579R</b>	70.7	69.0 *	72.4	10.0	3.5	RR
Brown Seed	ARISE4407NRR	70.6	64.7	76.6	10.2	4.4	
<b>Campbell Seed</b>	<b>418NRRSTS</b>	70.6	67.6	73.6	10.4	4.1	SCN/RR
<b>Asgrow</b>	<b>AG3803</b>	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	
<b>Beck's Hybrids</b>	<b>422NRR</b>	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
<b>Campbell Seed</b>	<b>388NRR</b>	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
<b>Great Lakes</b>	<b>GL4519RR</b>	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	
<b>LG Seeds</b>	<b>C4330NRR</b>	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		
	MAXIMUM:	81.7	76.5	89.3	10.8		
	MINIMUM:	65.6	57.2	67.0	9.7		

Least significant difference for **Posey Co.** yields is 8.56 bu/A.  
 Least significant difference for **Warrick Co.** yields is 10.27 bu/A.  
 Any pairwise comparison is appropriate.

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

**Bold Varieties were also in 2007 Plot**