

2007 Purdue Corn & Soybean Performance Trials Bulletin No. B-18254

Philip DeVillez, William D. Foster and Paul Lorton
Department of Agronomy

Introduction

This bulletin summarizes results of the 2007 performance trials of commercial soybean varieties being sold in Indiana. The participating seed companies selected the varieties for testing and mail samples of seed taken from commercial seed lots to Purdue University for evaluation.

The state is split into three regions, Northeast, Northwest and South. In all regions early, mid and late tests were established based on appropriate maturities.

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1. World Wide Web by pointing to the URL address:
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Experimental Methods

Predominant soil types or production levels commonly found in Indiana were represented by three locations in each region. At each location, plots consisted of four 20 inch rows 18 feet in length and were, replicated four times within a randomized complete block design. All data was collected on the entire plot. The plots were planted from pre-counted packets of seed using a John Deere planter, and harvested with an Almaco combine. All tests were on Roundup Ready soybeans only.

Lodging notes were taken just prior to harvest. Each farm cooperater prepared the seedbed using conventional tillage practices and applied herbicides at labeled rates. The planting populations were 130,000 spa for each test.

Understanding the LSD (least significant difference)

The least significant difference (LSD) listed at the bottom of each table for each column of data should be used to determine if the difference between varieties is due to performance differences or random chance. This bulletin presents data with an LSD of 10%. If the difference between two varieties were equal to or greater than the LSD, the difference would be attributable to variety differences in 9 out of 10 (90%) instances when the two varieties are evaluated under conditions like those of the test. A difference which is less than the LSD is likely due to chance. The top performing varieties that are different due to only random chance are marked with asterisk.

When no significant difference for a given parameter is found among varieties, “ns” (nonsignificant) replaces an LSD value.

Suggestions for using these results to select top-performing variety.

The results provide producers with an **independent and objective evaluation** of the performance of varieties sold in Indiana.

1. **Use multi-year data**
2. **Use multi-location average data** (tables 1-9). Consider single location results with extreme caution.
3. Evaluate **consistency of performance** of the varieties you are interested in over years, across locations in other zones.
 - A. Look for varieties that are consistently in the top group (those with an asterisk).
 - B. Beware of varieties that have up and down performance.
4. Look at several other **reliable, unbiased** trial results focusing on consistency.
5. Test varieties on your farm. Try to get experimental numbers and put them in your test for two years.

Remember you are taking a tremendous gamble if you make variety selection decisions based on one year yield comparisons in only one or two local test plots.

Data format

The performance data for each test within a region are reported in a table. The varieties in each table are listed by yield in descending order. Comparisons can be made only between varieties within a table. Comparing two varieties from different tables (i.e. different environments and/or production levels) would likely lead to an erroneous conclusion. Yields were adjusted to 13% moisture and reported in bushels per acre. Lodging score is a visual rating with 1 being no lodging and 5 being entire plot lodged. Plant height is taken just prior to harvest and measured in inches.

Maturity Ranges of Performance Trials

Northeast Early Trial: Maturities between 2.3-2.9.

Northeast Mid Trial: Maturities between 2.6-3.3.

Northeast Late Trial: Maturities between 3.0-3.9.

Northwest Early Trial: Maturities between 2.3-2.9.

Northwest Mid Trial: Maturities between 2.6-3.3.

Northwest Late Trial: Maturities between 3.0-3.9.

Southern Early Trial: Maturities between 3.3-3.9.

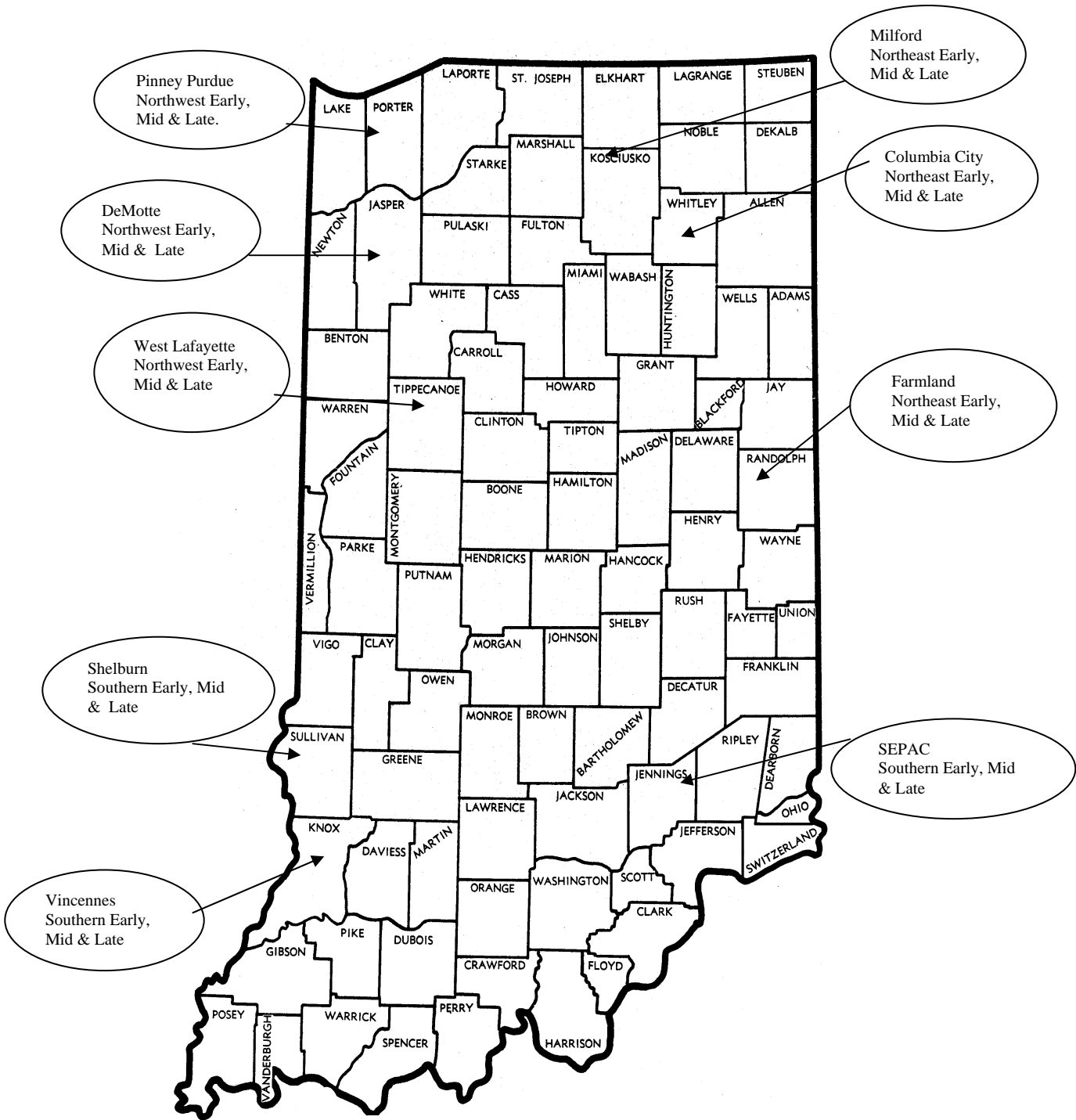
Southern Mid Trial: Maturities between 3.6-4.3.

Southern Late Trial: Maturities between 3.9-4.6.

2007 Purdue Soybean Planting & Harvesting Dates

Location	Soil Type	Planting	Harvest
Wanatah	Sebewa loam	5/7/07	10/8/07
Columbia City	Boyer sandy loam	5/15/07	10/15/07
DeMotte	Fincastle silt loam	5/7/07	10/4/07
Milford	Crosier loam	5/8/07	10/22/07
W. Lafayette	Chalmers silty clay loam	5/3/07	9/30/70
Farmland	Pawamo silty clay loam	5/9/07	10/15/07
Vincennes	Iva silt loam	4/30/07	9/24/07
Butlerville	Avonburg silt loam	5/10/07	10/3/07
Shelburn	Iva silt loam	5/14/07	10/1/07

2007 Soybean Performance Locations



2007 Indiana Rainfall Summary

Location	May	June	July	August	September	Total
Milford	1.72 (3.46)	1.51 (4.01)	4.30 (3.62)	9.01 (3.49)	1.17 (3.35)	17.71 (17.93)
Columbia City	2.40 (3.77)	3.38 (4.40)	3.60 (3.61)	9.80 (3.54)	1.90 (2.40)	21.08 (17.72)
Farmland	1.11 (4.06)	2.27 (4.42)	1.70 (4.40)	6.54 (3.65)	2.91 (3.02)	14.53 (19.55)
DeMotte	2.19 (3.46)	5.77 (4.07)	3.67 (3.92)	4.18 (3.62)	1.60 (3.67)	17.41 (18.74)
W. Lafayette	1.27 (3.89)	1.67 (3.71)	2.20 (3.95)	0.88 (3.84)	1.78 (3.01)	7.80 (18.40)
Wanatah	2.46 (3.64)	2.92 (3.95)	3.50 (4.20)	12.57 (3.37)	1.08 (3.90)	22.53 (19.06)
Shelburn	2.13 (4.47)	9.20 (3.58)	4.02 (4.90)	1.50 (3.56)	2.85 (3.36)	19.70 (19.87)
Butlerville	1.67 (4.46)	3.12 (3.55)	3.51 (4.62)	2.52 (3.69)	2.99 (2.63)	13.81 (18.95)
Vincennes	1.27 (4.75)	5.25 (3.49)	2.65 (4.04)	2.80 (3.11)	1.99 (2.97)	13.96 (18.36)
() Denotes 30yr average						

Sources of Seed for Indiana Soybean Performance Trials, 2007			
<u>BRAND</u>	<u>COMPANY</u>	<u>WEB ADDRESS / MAILING ADDRESS</u>	<u>PHONE #</u>
ASGROW	Monsanto	asgrow.com	800-768-6387
Beck	Beck's Superior Hybrids	beckshybrids.com	317-984-3508
Bio Gene	Bio Gene Hybrids	biogeneseeds.com	888-862-3276
Campbell	Campbell Seed, Inc	campbellseed.com	800-788-5950
Dairyland	Dairyland Seed Co., Inc.	dairylandseed.com	800-236-0163
Gries	Gries Seed Farms, Inc.	griesseed.com	419-332-5571
Hoosier Pride	Hoosier Pride Genetics	1534 S. 750 E. Frankfort, IN. 46041	765-249-2650
Hubner	Hubner Seed	hubnerseed.com	765-893-4428
Kruger	Kruger Seed, Inc.	krugerseed.com	800-772-2721
L & M Glick Seed	L & M Glick Seed	15120 E. Baseline Rd. Columbus, IN. 47203	812-343-8119
NK	Garst Seeds	garstseed.com	888-464-2778
Pioneer brand	Pioneer Hi-Bred Intl., Inc	pioneer.com	800-950-3489
Rupp	Rupp Seeds, Inc.	ruppseeds.com	419-337-1841
Seed Consultants	Seed Consultants, Inc.	seedconsultants.com	800-708-2676
Southern Cross	Miles Farm Supply, LLC	milesnmore.com	800-666-4537
Steyer	Steyer Seeds	steyerseeds.com	800-3214274
Trisoy	Trisler Seed, Inc.	trisler.com	217-288-9301
Vigoro	Crop Production Services	cropproductionservices.com	309-342-4100
Wyckoff	Wyckoff Hybrids, Inc.	wyckoffhybrids.com	219-462-6716

2007 Purdue Soybean Northeast Early Summary

Average of 3 locations

Table: 1A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
SEED CONSULTANTS SC 9286RR	67.0 *	22-Sep	1.4	35
Dairyland DSR-2770/RR	65.3 *	22-Sep	1.0	34
Asgrow AG2606	64.7 *	16-Sep	1.0	32
SEED CONSULTANTS SC 9297RR	64.6 *	21-Sep	1.5	35
Vigoro V278RR	64.1 *	20-Sep	1.1	34
Rupp RS 4263	63.9 *	15-Sep	1.2	34
Asgrow AG 2802	63.6 *	19-Sep	1.2	37
SEED CONSULTANTS SC 9284RR	63.2 *	19-Sep	1.1	35
NK S28-B4	63.0 *	16-Sep	1.1	31
NK S29-J6	62.9 *	18-Sep	1.0	35
SEED CONSULTANTS SC 9278RR	62.6	22-Sep	1.1	33
Pioneer 92M81	62.1	18-Sep	1.1	32
BECK 286NRR	61.5	19-Sep	1.0	32
Pioneer 92M91	61.3	19-Sep	1.0	33
Asgrow AG2906	60.8	20-Sep	1.1	31
Campbell Seed 266RR	60.4	18-Sep	1.1	31
Campbell Seed 298NRR	60.1	20-Sep	1.1	32
Rupp RS 4275	58.5	21-Sep	1.0	31
Rupp RS 4232NRR	56.7	15-Sep	1.0	29
Campbell Seed 238RR	55.6	15-Sep	1.0	30
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Grand mean	62.1	19-Sep	1.1	33
LSD (10%)	4.2	3	0.2	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Northeast Mid Summary

Average of 3 locations

Table: 2A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Vigoro V33N8RR	66.5 *	24-Sep	1.0	32
Vigoro V32N8RR	65.0 *	23-Sep	1.0	33
Pioneer 93M10	64.9 *	22-Sep	1.2	38
SEED CONSULTANTS SC 9315RR	64.9 *	22-Sep	1.0	33
Asgrow AG3306	64.6 *	22-Sep	1.0	32
Rupp RS 4314RR	64.5 *	22-Sep	1.0	33
Hoosier Pride HP 3664CRR	64.4 *	22-Sep	1.0	32
NK S32-E2	64.0 *	24-Sep	1.3	36
Dairyland DSR-3675/RR	63.0 *	24-Sep	1.0	34
BECK 307NRR	62.3 *	20-Sep	1.0	30
Hoosier Pride HP3175CRR	62.1 *	24-Sep	1.0	26
Hoosier Pride HP 3464CRR	62.0 *	26-Sep	1.0	32
SEED CONSULTANTS SC 9336RR	61.7 *	25-Sep	1.0	31
Dairyland DSR-3003/RRSTS	61.6 *	21-Sep	1.0	32
SEED CONSULTANTS SC 9308RR	61.4 *	21-Sep	1.0	34
Asgrow AG3205	61.0 *	23-Sep	1.0	35
Pioneer 93M11	61.0 *	22-Sep	1.0	30
Trisoy 3144RR CN	61.0 *	23-Sep	1.0	36
SEED CONSULTANTS SC 9317RR	60.5	22-Sep	1.0	31
Campbell Seed 316RR	60.3	21-Sep	1.0	32
BECK 321NRR	59.8	23-Sep	1.0	31
Hoosier Pride HP 3155CRR	59.8	21-Sep	1.0	31
Dairyland DSR-3320/RRSTS	59.5	25-Sep	1.0	32
Asgrow AG 3006	59.3	21-Sep	1.0	34
SEED CONSULTANTS SC 9338RR	58.5	21-Sep	1.0	31
Trisoy 2878RRV CN	58.2	21-Sep	1.0	33
Campbell Seed 297NRR	56.6	21-Sep	1.0	29
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Grand mean	61.8	22-Sep	1.0	32
LSD (10%)	5.7	3	0.1	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Northeast Late Summary

Average of 3 locations

Table: 3A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Asgrow AG3603	69.2 *	27-Sep	1.0	38
Asgrow AG3402	67.4 *	24-Sep	1.1	36
SEED CONSULTANTS SC 9387RR	67.2 *	29-Sep	1.0	34
SEED CONSULTANTS SC 9355RR	66.8 *	28-Sep	1.0	39
BECK 383NRR	66.5 *	26-Sep	1.0	34
NK S37-P5	66.5 *	29-Sep	1.1	36
Asgrow AG3803	65.9 *	27-Sep	1.0	35
Asgrow AG3504	65.7 *	25-Sep	1.1	35
Campbell Seed 388NRR	65.7 *	29-Sep	1.1	36
Campbell Seed 378NRR	65.4 *	25-Sep	1.0	33
Campbell Seed 347NRR	64.8 *	25-Sep	1.0	35
BECK 342NRR	64.7 *	26-Sep	1.0	36
BECK 399NRR	64.6 *	28-Sep	1.0	35
Rupp RS 4340N	64.5 *	26-Sep	1.0	36
Asgrow AG 3705	64.4 *	28-Sep	1.0	36
SEED CONSULTANTS SC 9366RR	64.4 *	25-Sep	1.6	37
Pioneer 93M42	64.0 *	26-Sep	1.1	39
Pioneer 93M61	64.0 *	26-Sep	1.0	35
SEED CONSULTANTS SC 9348RR	63.2 *	26-Sep	1.0	35
Trisoy 3874RR CN	63.0	29-Sep	1.1	34
Vigoro V34N7RR	62.9	26-Sep	1.0	36
BECK 321NRR	62.7	25-Sep	1.0	32
NK S38-D5	62.4	30-Sep	1.2	34
Vigoro V35N6RR	62.1	24-Sep	1.3	35
SEED CONSULTANTS SC 9388RR	62.0	27-Sep	1.0	33
SEED CONSULTANTS SC 9376RR	61.9	25-Sep	1.5	38
BECK 354NRR	61.8	28-Sep	1.1	36
Hoosier Pride HP 3844CRS	61.5	29-Sep	1.0	32
SEED CONSULTANTS SC 9358RR	60.9	26-Sep	1.2	33
Asgrow AG3306	60.2	24-Sep	1.0	33
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Grand mean	64.2	27-Sep	1.1	35
LSD (10%)	6.1	4	0.3	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Northwest Early Summary

Average of 3 locations

Table: 4A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Wyckoff W2872CRR	71.3 *	18-Sep	1.1	35
Wyckoff W2990CRR	70.8 *	18-Sep	1.0	35
Trisoy 2973RR CN	68.4 *	18-Sep	1.0	32
SEED CONSULTANTS SC 9278RR	67.9 *	16-Sep	1.0	34
NK S28-B4	67.8	12-Sep	1.1	32
NK S29-J6	67.7	16-Sep	1.0	35
Pioneer 92M81	67.5	12-Sep	1.0	34
Asgrow AG2906	67.3	17-Sep	1.0	32
Campbell Seed 298NRR	67.3	17-Sep	1.0	33
Hoosier Pride HP2775CRR	67.1	14-Sep	1.2	33
SEED CONSULTANTS SC 9286RR	67.1	16-Sep	1.2	36
Asgrow AG2606	66.9	13-Sep	1.0	33
Dairyland DSR-2770/RR	66.6	16-Sep	1.0	34
Dairyland DSR-2820/RR	66.5	15-Sep	1.0	32
Kruger K-275RR/SCN	66.2	13-Sep	1.0	36
SEED CONSULTANTS SC 9297RR	66.1	15-Sep	1.0	35
Asgrow AG 2802	65.8	14-Sep	1.1	37
Wyckoff W2770CRR	65.7	16-Sep	1.1	33
BECK 286NRR	65.2	17-Sep	1.0	34
Rupp RS 4263	64.8	9-Sep	1.3	35
Vigoro V28N8RR	64.8	15-Sep	1.2	32
SEED CONSULTANTS SC 9284RR	64.2	18-Sep	1.0	39
Pioneer 92M91	64.1	15-Sep	1.0	35
Campbell Seed 266RR	63.9	14-Sep	1.0	31
Kruger K-278RR/SCN	63.7	12-Sep	1.2	38
Kruger K-251RR/SCN	63.2	11-Sep	1.0	30
Trisoy 2777RR CN	63.1	13-Sep	1.1	36
Gries Seed 297RR	62.5	15-Sep	1.1	35
Dairyland DSR-2600/RR	61.3	12-Sep	1.0	31
Campbell Seed 238RR	61.1	9-Sep	1.0	33
Rupp RS 4232NRR	61.0	11-Sep	1.0	31
Rupp RS 4275	60.9	13-Sep	1.0	32
Kruger K-248RR/SCN	58.5	10-Sep	1.0	30
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Grand mean	65.3	14-Sep	1.1	34
LSD (10%)	3.5	2	0.1	2

Yield averages followed by * are not significantly different from the highest yield average in this table.

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2007 Purdue Soybean Northwest Mid Summary

Average of 3 locations

Table: 5A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
SEED CONSULTANTS SC 9338RR	71.3 *	18-Sep	1.0	36
Wyckoff W3262CRR	71.3 *	17-Sep	1.3	39
Asgrow AG 3006	70.3 *	17-Sep	1.0	38
Kruger K-333RR/SCN	69.6 *	18-Sep	1.0	33
Dairyland DSR-3675/RR	69.3 *	20-Sep	1.0	36
SEED CONSULTANTS SC 9336RR	69.0 *	19-Sep	1.1	33
Gries Seed 347RR	68.8 *	18-Sep	1.1	40
Pioneer 93M10	68.8 *	18-Sep	1.3	40
BECK 321NRR	68.7 *	20-Sep	1.1	34
Wyckoff W3474CRR	68.1 *	20-Sep	1.0	38
Asgrow AG3205	67.9 *	18-Sep	1.1	37
NK S32-E2	67.5 *	17-Sep	1.4	38
BECK 307NRR	67.4 *	17-Sep	1.1	33
Kruger K-297RR/SCN	66.9 *	16-Sep	1.0	34
Wyckoff W3110CRR	66.8 *	16-Sep	1.0	34
Asgrow AG3306	66.6	16-Sep	1.1	36
SEED CONSULTANTS SC 9317RR	65.3	17-Sep	1.0	35
SEED CONSULTANTS SC 9308RR	64.7	17-Sep	1.1	37
SEED CONSULTANTS SC 9315RR	64.5	14-Sep	1.0	35
Campbell Seed 297NRR	63.7	15-Sep	1.0	33
Kruger K-283RR/SCN	63.5	13-Sep	1.0	34
Dairyland DSR-3320/RRSTS	63.0	18-Sep	1.0	34
Rupp RS 4314RR	63.0	15-Sep	1.1	36
Campbell Seed 316RR	62.9	16-Sep	1.1	35
Pioneer 93M11	62.8	16-Sep	1.0	33
Vigoro V31N8RR	62.8	17-Sep	1.0	31
Kruger K-316RR/SCN	62.7	16-Sep	1.0	30
Kruger K-294RR/SCN	62.5	13-Sep	1.2	36
Dairyland DSR-3003/RRSTS	62.3	12-Sep	1.4	34
Gries Seed 317RR	60.6	15-Sep	1.0	30
Trisoy 2952RR(CN)	60.4	13-Sep	1.0	33
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Grand mean	65.9	17-Sep	1.1	35
LSD (10%)	4.6	2	0.3	2

Yield averages followed by * are not significantly different from the highest yield average in this table.

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2007 Purdue Soybean Northwest Late Summary

Average of 3 locations

Table: 6A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Kruger K-384RR/SCN	71.8 *	24-Sep	1.0	38
Pioneer 93M61	71.5 *	19-Sep	1.0	36
Kruger K-389RR/SCN	70.8 *	24-Sep	1.0	35
Campbell Seed 388NRR	70.7 *	23-Sep	1.0	37
Asgrow AG3803	70.3 *	23-Sep	1.0	38
SEED CONSULTANTS SC 9358RR	69.1 *	22-Sep	1.0	37
Pioneer 93M42	68.7 *	20-Sep	1.0	39
NK S38-D5	68.4 *	22-Sep	1.0	36
SEED CONSULTANTS SC 9388RR	68.2 *	22-Sep	1.0	35
Hubner Seed H346NRR	67.7 *	20-Sep	1.0	35
BECK 383NRR	67.4 *	22-Sep	1.1	35
Kruger K-382RR/SCN	67.3 *	21-Sep	1.0	36
NK S37-P5	66.9	22-Sep	1.0	36
Hoosier Pride HP 3464CRR	66.6	21-Sep	1.0	36
Kruger K-363RR/SCN	66.3	22-Sep	1.0	37
Kruger K-341RR/SCN	65.6	17-Sep	1.0	35
Asgrow AG3603	65.5	21-Sep	1.1	37
Trisoy 3675RR CN	65.1	21-Sep	1.0	35
BECK 354NRR	65.0	19-Sep	1.0	36
Kruger K-340RR/SCN	65.0	19-Sep	1.0	34
BECK 399NRR	64.7	24-Sep	1.0	37
BECK 321NRR	64.6	17-Sep	1.0	33
SEED CONSULTANTS SC 9355RR	64.5	22-Sep	1.0	38
Asgrow AG3306	64.3	17-Sep	1.0	34
Asgrow AG3402	64.3	18-Sep	1.0	34
Campbell Seed 347NRR	64.3	21-Sep	1.0	35
Pioneer 93M10	64.3	18-Sep	1.1	38
Asgrow AG 3705	63.9	23-Sep	1.0	38
BECK 342NRR	63.9	20-Sep	1.0	35
SEED CONSULTANTS SC 9348RR	63.7	20-Sep	1.0	36
Kruger K-348RR/SCN	63.5	21-Sep	1.0	34
Vigoro V35N8RR	63.4	18-Sep	1.0	36
Rupp RS 4340N	63.2	20-Sep	1.0	35
Wyckoff W3672CRR	63.2	23-Sep	1.0	36
SEED CONSULTANTS SC 9387RR	62.8	23-Sep	1.0	36
Campbell Seed 378NRR	62.5	21-Sep	1.1	35
Hubner Seed H388RR	62.3	21-Sep	1.0	35
Kruger KX3707RN	62.1	22-Sep	1.3	42
Trisoy 3073RR CN	61.2	14-Sep	1.0	28
SEED CONSULTANTS SC 9366RR	59.2	17-Sep	1.1	37
SEED CONSULTANTS SC 9376RR	58.0	21-Sep	1.0	39
Wyckoff W3660CRR	57.8	21-Sep	1.1	34
Pioneer 93M11	56.3	14-Sep	1.1	32
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Grand mean	65.0	20-Sep	1.0	36
LSD (10%)	4.9	2	0.1	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Southern Early Summary

Average of 3 locations

Table: 7A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Campbell Seed 388NRR	53.3 *	13-Sep	1.1	33
Asgrow AG 3705	53.0 *	14-Sep	1.1	35
Southern Cross SC Stephen NRR	53.0 *	14-Sep	1.3	36
Asgrow AG3803	52.8 *	13-Sep	1.1	34
Pioneer 93M61	52.7 *	10-Sep	1.0	34
Styer Seeds 3730RR	52.7 *	11-Sep	1.3	39
Vigoro V37N8RR	52.6 *	11-Sep	1.0	35
Styer Seeds 3490RR	52.4 *	12-Sep	1.0	33
BECK 342NRR	52.3 *	11-Sep	1.1	35
Southern Cross Lucas 3.8 NRR	52.3 *	12-Sep	1.1	36
Bio Gene BG3806RN	52.2 *	15-Sep	1.0	35
Campbell Seed 378NRR	52.2 *	12-Sep	1.0	34
BECK 399NRR	51.5 *	15-Sep	1.0	35
Campbell Seed 347NRR	51.3 *	9-Sep	1.0	35
SEED CONSULTANTS SC 9358RR	51.0 *	11-Sep	1.1	33
BECK 354NRR	50.3 *	10-Sep	1.1	35
Asgrow AG3603	50.2 *	11-Sep	1.0	36
Pioneer 93M42	50.0 *	8-Sep	1.0	37
L&M Glick 43RR	49.5 *	9-Sep	1.2	36
BECK 383NRR	49.4 *	9-Sep	1.0	33
Bio Gene BG3807RN	49.4 *	11-Sep	1.0	33
Vigoro V39N7RR	49.0 *	14-Sep	1.1	33
SEED CONSULTANTS SC 9355RR	48.8 *	12-Sep	1.0	34
Dairyland DSR-3535/RR	48.7 *	11-Sep	1.2	32
SEED CONSULTANTS SC 9365RR	48.5 *	13-Sep	1.2	36
Dairyland DSR-3603/RR	47.6	7-Sep	1.2	33
Trisoy 3276RRV CN	40.5	3-Sep	1.0	29
Bio Gene BG3708RN	37.6	5-Sep	1.0	33
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Grand mean	50.2	11-Sep	1.1	34
LSD (10%)	5.3	3	0.2	2

Yield averages followed by * are not significantly different from the highest yield average in this table.

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2007 Purdue Soybean Southern Mid Summary

Average of 3 locations

Table: 8A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
L&M Glick 93RR	58.5 *	15-Sep	1.0	38
Campbell Seed 388NRR	56.8 *	13-Sep	1.0	37
Asgrow AG3803	56.2 *	12-Sep	1.1	35
BECK 422NRR	56.1 *	18-Sep	1.1	37
Campbell Seed 378NRR	55.7 *	11-Sep	1.0	36
Pioneer 94M30	54.2 *	19-Sep	1.0	39
SEED CONSULTANTS SC 9408RR	54.2 *	17-Sep	1.2	37
Dairyland DSR-3675/RR	53.6 *	11-Sep	1.0	35
Vigoro V39N8RR	53.6 *	15-Sep	1.0	36
Trisoy 4275RR CN	53.4 *	18-Sep	1.0	34
L&M Glick C38RR	53.3	10-Sep	1.1	35
Trisoy 3977RR CN	53.2	15-Sep	1.0	36
NK S39-A3	52.7	12-Sep	1.0	34
Vigoro V40N8RS	52.7	15-Sep	1.0	38
L&M Glick 737RR	52.4	11-Sep	1.1	37
Asgrow AG3603	52.3	11-Sep	1.1	35
Asgrow AG 3705	52.1	14-Sep	1.0	36
BECK 399NRR	52.1	14-Sep	1.0	36
SEED CONSULTANTS SC 9386RR	51.7	13-Sep	1.2	40
Pioneer 94M50	51.5	18-Sep	1.0	36
Southern Cross SC Abraham NRR	51.0	16-Sep	1.0	34
Hoosier Pride HP4074CRS	50.6	16-Sep	1.0	36
SEED CONSULTANTS SC 9388RR	50.6	10-Sep	1.0	33
SEED CONSULTANTS SC 9415RR	50.2	13-Sep	1.0	32
Asgrow AG4103	48.3	14-Sep	1.0	37
NK S38-D5	48.3	14-Sep	1.0	31
L&M Glick 68RR	48.1	12-Sep	1.1	39
Hoosier Pride HP 3844CRS	48.0	10-Sep	1.0	31
L&M Glick 73RR	47.7	13-Sep	1.3	39
SEED CONSULTANTS SC 9387RR	47.6	15-Sep	1.0	33
Hoosier Pride HP 3664CRR	47.3	6-Sep	1.2	33
Southern Cross SC Michael NRR/ST	47.1	15-Sep	1.0	32
Dairyland DSR-4300/RR	46.2	16-Sep	1.0	37
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Grand mean	51.7	14-Sep	1.0	36
LSD (10%)	5.2	2	0.2	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Southern Late Summary

Average of 3 locations

Table: 9A

<u>Variety</u>	<u>Yield bu./A.</u>	<u>Maturity Date</u>	<u>Lodging Score</u>	<u>Plant Ht. Inches</u>
Southern Cross Caleb 4.4 RRSTS	61.4 *	23-Sep	1.0	34
BECK 422NRR	60.3 *	20-Sep	1.0	36
Pioneer 94M30	59.4 *	23-Sep	1.0	39
Styer Seeds 4430RR	58.6 *	22-Sep	1.0	32
BECK 399NRR	58.5 *	17-Sep	1.0	37
Steyer 4040RR	57.9 *	18-Sep	1.0	38
SEED CONSULTANTS SC 9468RR	57.0	26-Sep	1.0	33
Campbell Seed 418NRR	56.5	18-Sep	1.0	36
Pioneer 94M50	55.7	21-Sep	1.0	37
SEED CONSULTANTS SC 9448RR	55.3	20-Sep	1.0	35
Asgrow AG4103	54.5	19-Sep	1.0	38
SEED CONSULTANTS SC 9456RR	54.5	23-Sep	1.1	44
Vigoro V43N8RR	53.3	20-Sep	1.2	43
Asgrow AG4405	52.3	19-Sep	1.1	38
Trisoy 4470RR CN	52.2	21-Sep	1.0	37
BECK 444NRR	51.8	19-Sep	1.0	41
SEED CONSULTANTS SC 9478RR	49.8	26-Sep	1.0	38
SEED CONSULTANTS SC 9442RR	48.9	23-Sep	1.0	41
Southern Cross SC Levi NRR	48.3	21-Sep	1.0	40
Southern Cross SC Silas NRR	47.8	22-Sep	1.0	40
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Grand mean	54.7	21-Sep	1.0	38
LSD (10%)	4.4	3	0.1	2

Yield averages followed by * are not significantly different from the highest yield average in this table.
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2007 Purdue Soybean Performance Entry List

Variety	Test	Variety	Test
Asgrow AG2606	NWE, NEE	Hoosier Pride HP3175CRR	NEM
Asgrow AG2802	NWE, NEE	Hoosier Pride HP3464CRR	NWL, NEM
Asgrow AG2906	NWE, NEE	Hoosier Pride HP3664CRR	NEM, SM
Asgrow AG3006	NWM, NEM	Hoosier Pride HP3844CRS	NEL, SM
Asgrow AG3205	NWM, NEM	Hoosier Pride HP4074CRS	SM
Asgrow AG3306	NWM, NWL, NEM, NEL	Hubner Seed H346NRR	NWL
Asgrow AG3402	NWL, NEL	Hubner Seed H388RR	NWL
Asgrow AG3504	NEL	Kruger K-275RR/SCN	NWE
Asgrow AG3603	NWL, NEL, SE, SM	Kruger K-294RR/SCN	NWM
Asgrow AG3705	NWL, NEL, SE, SM	Kruger K-316RR/SCN	NWM
Asgrow AG3803	NWL, NEL, SE, SM	Kruger K-333RR/SCN	NWM
Asgrow AG4103	SM, SL	Kruger K-340RR/SCN	NWL
Asgrow AG4405	SL	Kruger K-341RR/SCN	NWL
BECK 286NRR	NWE, NEE	Kruger K-363RR/SCN	NWL
BECK 307NRR	NWM, NEM	Kruger K-382RR/SCN	NWL
BECK 321NRR	NWM, NWL, NEM, NEL	Kruger K-389RR/SCN	NWL
BECK 342NRR	NWL, NEL, SE	Kruger KX2427RN	NWE
BECK 354NRR	NWL, NEL, SE	Kruger KX2507RN	NWE
BECK 383NRR	NWL, NEL, SE	Kruger KX2737RN	NWE
BECK 399NRR	NWL, NEL, SE, SM, SL	Kruger KX2807RN	NWM
BECK 422NRR	SM, SL	Kruger KX2907RN	NWM
BECK 444NRR	SL	Kruger KX3407RN	NWL
BioGene BG3708RN	SE	Kruger KX3707RN	NWL
BioGene BG3806RN	SE	Kruger KX3807RN	NWL
BioGene BG3807RN	SE	L&M Glick Seed C38RR	SM
Campbell Seed 238RR	NWE, NEE	L&M Glick Seed 43RR	SE
Campbell Seed 266RR	NWE, NEE	L&M Glick Seed 68RR	SM
Campbell Seed 297NRR	NWM, NEM	L&M Glick Seed 73RR	SM
Campbell Seed 298NRR	NWE, NEE	L&M Glick Seed 93RR	SM
Campbell Seed 316RR	NWM, NEM	L&M Glick Seed 737RR	SM
Campbell Seed 347NRR	NWL, NEL, SE	NK S28-B4	NWE, NEE
Campbell Seed 378NRR	NWL, NEL, SE, SM	NK S29-J6	NWE, NEE
Campbell Seed 388NRR	NWL, NEL, SE, SM	NK S32-E2	NWM, NEM
Campbell Seed 418NRR/STS	SL	NK S37-P5	NWL, NEL
Dairyland DSR-2600/RR	NWE	NK S38-D5	NWL, NEL, SM
Dairyland DSR-2770/RR	NWE, NEE	NK S39-A3	SM
Dairyland DSR-2820/RR	NWE	Pioneer 92M81	NWE, NEE
Dairyland DSR-3003/RRSTS	NWM, NEM	Pioneer 92M91	NWE, NEE
Dairyland DSR-3320/RRSTS	NWM, NEM	Pioneer 93M10	NWM, NWL, NEM
Dairyland DSR-3535/RR	SE	Pioneer 93M11	NWM, NWL, NEM
Dairyland DSR-3603/RR	SE	Pioneer 93M42	NWL, NEL, SE
Dairyland DSR-3675/RR	NWM, NEM, SM	Pioneer 93M61	NWL, NEL, SE
Dairyland DSR-4300/RR	SM	Pioneer 94M30	SM, SL
Gries Seed 297RR	NWE	Pioneer 94M50	SM, SL
Gries Seed 317RR	NWM	Rupp RS 4232	NWE, NEE
Gries Seed 347RR	NWM	Rupp RS 4263	NWE, NEE
Hoosier Pride HP2775CRR	NWE	Rupp RS 4275	NWE, NEE
Hoosier Pride HP3155CRR	NEM	Rupp RS 4314	NWM, NEM
		Rupp RS 4340N	NWL, NEL

2007 Purdue Soybean Performance Entry List

Variety	Test	Variety	Test
SEED CONSULTANTS SC 9278RR	NWE, NEE	Vigoro V28N8RR	NWE
SEED CONSULTANTS SC 9284RR	NWE, NEE	Vigoro V31N8RR	NWM
SEED CONSULTANTS SC 9286RR	NWE, NEE	Vigoro V32N8RR	NEM
SEED CONSULTANTS SC 9297RR	NWE, NEE	Vigoro V33N8RR	NEM
SEED CONSULTANTS SC 9308RR	NWM, NEM	Vigoro V34N7RR	NEL
SEED CONSULTANTS SC 9315RR	NWM, NEM	Vigoro V35N6RR	NEL
SEED CONSULTANTS SC 9317RR	NWM, NEM	Vigoro V35N8RR	NWL
SEED CONSULTANTS SC 9336RR	NWM, NEM	Vigoro V37N8RR	SE
SEED CONSULTANTS SC 9338RR	NWM, NEM	Vigoro V39N7RR	SE
SEED CONSULTANTS SC 9348RR	NWL, NEL	Vigoro V39N8RR	SM
SEED CONSULTANTS SC 9355RR	NWL, NEL, SE	Vigoro V40N8RS	SM
SEED CONSULTANTS SC 9358RR	NWL, NEL, SE	Vigoro V43N8RR	SL
SEED CONSULTANTS SC 9365RR	SE	Vigoro V278RR	NEE
SEED CONSULTANTS SC 9366RR	NWL, NEL	WYCKOFF W2770CRR	NWE
SEED CONSULTANTS SC 9376RR	NWL, NEL	WYCKOFF W2872CRR	NWE
SEED CONSULTANTS SC 9386RR	SM	WYCKOFF W2990CRR	NWE
SEED CONSULTANTS SC 9387RR	NWL, NEL, SM	WYCKOFF W3110CRR	NWM
SEED CONSULTANTS SC 9388RR	NWL, NEL, SM	WYCKOFF W3262CRR	NWM
SEED CONSULTANTS SC 9415RR	SM	WYCKOFF W3474CRR	NWM
SEED CONSULTANTS SC 9442RR	SL	WYCKOFF W3660CRR	NWL
SEED CONSULTANTS SC 9448RR	SL	WYCKOFF W3672CRR	NWL
SEED CONSULTANTS SC 9456RR	SL		
SEED CONSULTANTS SC 9468RR	SL		
SEED CONSULTANTS SC 9478RR	SL	NEE - Northeast Early - Table 1.	
SEED CONSULTANTS SC Ex39RR	SM	NEM - Northeast Mid - Table 2.	
Southern Cross Abraham 4.0 N, RR	SM	NEL - Northeast Late - Table 3.	
Southern Cross Caleb 4.4 N, RR, STS	SL		
Southern Cross Levi 4.4 N, RR	SL	NWE - Northwest Early - Table 4.	
Southern Cross Lucas 3.8 N, RR	SE	NWM - Northwest Mid - Table 5.	
Southern Cross Michael 4.2 N, RR, STS	SM	NWL - Northwest Late - Table 6.	
Southern Cross Silas N, RR	SL		
Southern Cross Stephen 3.8 N, RR	SE	SE - Southern Early - Table 7.	
Steyer Seeds 3490RR	SE	SM - Southern Mid - Table 8.	
Steyer Seeds 3730RR	SE	SL - Southern Late - Table 9.	
Steyer Seeds 4040RR	SL		
Steyer Seeds 4430RR	SL		
Trisoy 2777RR(CN)	NWE		
Trisoy 2878RRV(CN)	NEM		
Trisoy 2952RR(CN)	NWM		
Trisoy 2973RR(CN)	NWE		
Trisoy 3073RR(CN)	NWL		
Trisoy 3144RR(CN)	NEM		
Trisoy 3276RRV(CN)	SE		
Trisoy 3675RR(CN)	NWL		
Trisoy 3874RR(CN)	NEL		
Trisoy 3977RR(CN)	SM		
Trisoy 4275RR(CN)	SM		
Trisoy 4470RR(CN)	SL		