

**2000 INDIANA SOYBEAN PERFORMANCE TRIAL RESULTS,  
TABLES 1 THROUGH 32.**

**Table 1. Location 1, Porter Co., conventional soybean trials, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity groups I and II (1998-1999-2000)</b>				
b D265 Garst	55.6 *	9-12	121	1.3 30
v Rupp RS 2499	55.2 *	9-12	121	1.3 32
v Rupp RS 2345	54.5 *	9-11	120	1.0 30
b C8275	53.4 *	9-13	122	1.2 31
b Beck 289	52.7 *	9-14	123	1.3 32
v Kenwood 94 Public	50.6 *	9-09	118	1.8 35
v Sandusky Public	49.7 *	9-11	120	1.3 36
v Jack Public	49.0 *	9-16	125	1.8 40
v Chapman Public	47.9 *	9-11	120	1.2 33
Grand mean	52.1	9-12	121	1.4 33
BLSD (k=100)	8.3	3	3	0.7 2
C.V. (%)	9.0	4	1	29.9 5
<b>Maturity group III (1998-1999-2000)</b>				
b D308 Garst	55.1 *	9-15	124	1.0 32
v Rupp RS 3119	52.7 *	9-17	126	1.3 34
b C7317	50.9 *	9-15	124	1.1 33
v Athow Public	49.3	9-15	124	1.0 33
v Yale Public	43.8	9-22	131	1.3 35
v Defiance Public	43.4	9-18	127	1.2 36
v Probst Public	43.2	9-19	128	1.7 36
v Resnik Public	39.4	9-16	125	1.3 34
v Williams 82 Public	33.3	9-22	131	1.9 41
Grand mean	45.7	9-18	127	1.3 35
BLSD (k=100)	5.3	3	3	0.6 2
C.V. (%)	10.4	3	1	31.1 6

Conducted on the Pinney-Purdue Agricultural Center, Wanatah.

Jon D. Leuck, superintendent.

Soil type: Runnymede loam.

(1) Lower case letters indicate entry type as follows:

v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

**Table 1 contd. Location 1, Porter Co., conventional soybean trials, three-year average (1998-1999-2000).**

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.  
(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
(3) 1 (erect) to 5 (flat).  
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**Table 2. Location 1, Porter Co., conventional soybean trials, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity groups I and II (1999-2000)</b>				
b D265 Garst	56.1 *	9-12	121	1.1 30
v Rupp RS 2499	54.6 *	9-11	121	1.1 32
v Rupp RS 2345	54.5 *	9-10	119	1.0 29
b Beck 289	54.4 *	9-13	122	1.3 32
v Dwight Public	52.1 *	9-13	123	1.0 32
b C8275	51.6 *	9-11	121	1.0 31
v Kenwood 94 Public	50.1 *	9-07	117	1.8 33
v Sandusky Public	49.1 *	9-09	119	1.4 35
v Chapman Public	48.9 *	9-10	120	1.0 33
v Jack Public	46.6 *	9-15	125	1.9 39
v Archer Public	46.4 *	9-05	115	1.4 32
Grand mean	51.3	9-11	120	1.3 33
BLSD (k=100)	11.3	6	6	1.1 3
C.V. (%)	8.4	3	1	30.2 5
<b>Maturity group III (1999-2000)</b>				
b D308 Garst	59.7 *	9-14	123	1.0 33
v Rupp RS 3119	57.2 *	9-16	125	1.4 35
b C7317	54.7 *	9-14	123	1.0 33
v Athow Public	52.3 *	9-15	124	1.0 33
v Charleston Public	52.3 *	9-18	128	1.1 26
v DSR-309/STS	50.4	9-15	124	1.3 32
v Probst Public	45.8	9-19	128	1.6 37
v Yale Public	45.6	9-22	132	1.5 36
v Defiance Public	43.9	9-18	127	1.3 36

**Table 2 contd. Location 1, Porter Co., conventional soybean trials, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1999-2000) contd</b>				
v Pella 86 Public	43.3	9-11	121 1.0	34
v Maverick Public	43.3	9-21	131 2.3	43
v Resnik Public	40.8	9-16	125 1.1	35
v Saline Public	37.7	9-23	133 1.6	39
v Williams 82 Public	35.4	9-23	133 1.9	42
Grand mean	47.3	9-18	127 1.4	35
BLSD (k=100)	8.2	3	3 0.8	4
C.V. (%)	11.5	3	1 35.1	7

Conducted on the Pinney-Purdue Agricultural Center, Wanatah.

Jon D. Leuck, superintendent.

Soil type: Runnymede loam.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

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(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 3. Location 1, Porter Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity groups I and II (2000)</b>				
b Beck 289	75.1 *	9-09	124 1.5	30
v Rupp RS 2499	71.3 *	9-08	123 1.0	30
v DSR-243	70.7 *	9-07	122 1.0	25
v S25-J5 NK	70.1 *	9-08	123 1.0	27
v Dwight Public	70.0 *	9-08	123 1.0	29

**Table 3 contd. Location 1, Porter Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity groups I and II (2000) contd</b>				
v Rupp RS 2345	69.2	9-07	122 1.0	26
v AP 2889 AgriPro	67.8	9-11	126 1.0	33
v Kenwood 94 Public	66.4	9-07	122 2.0	30
v IA 2051 Public	66.2	9-08	123 1.0	31
b D265 Garst	65.9	9-08	123 1.3	27
b C8275	65.4	9-08	123 1.0	30
v Sandusky Public	63.9	9-08	123 1.0	32
b BG 293	63.1	9-10	125 1.3	34
v Chapman Public	63.0	9-08	123 1.0	30
v DSR-275	62.7	9-10	125 1.0	35
v Archer Public	61.0	9-04	119 1.3	31
v Jack Public	60.6	9-10	125 1.3	38
Grand mean	66.6	9-08	123 1.2	30
BLSD (k=100)	5.7	1	1 0.6	3
C.V. (%)	5.9	2	1 29.8	6

**Maturity group III (2000)**

b D308 Garst	74.4 *	9-09	124 1.0	29
v AP 3009 AgriPro	71.5 *	9-09	124 1.0	28
v Charleston Public	70.8 *	9-17	132 1.3	27
b Beck 337STS	70.3 *	9-12	127 1.3	31
v Athow Public	69.0 *	9-10	125 1.0	30
v Rupp RS 3119	68.7 *	9-12	127 1.3	32
b C7317	67.2	9-09	124 1.0	30
b Beck 349	65.5	9-16	131 1.0	30
v DSR-309/STS	65.2	9-11	126 1.5	30
v DSR-299/STS	64.5	9-16	131 1.3	33
v NE 3201 Public	62.4	9-09	124 1.0	31
v General Public	62.3	9-16	131 1.8	34
v AG3302 Asgrow	61.5	9-16	131 1.3	34
v Probst Public	57.7	9-15	130 2.0	33
v Pella 86 Public	57.6	9-08	123 1.0	34
v Defiance Public	56.2	9-14	129 1.5	35
v Yale Public	55.9	9-18	133 1.8	33
v Maverick Public	53.6	9-19	134 2.0	39
v Resnik Public	50.7	9-13	128 1.3	33
v Williams 82 Public	47.8	9-22	137 2.5	40
v Saline Public	47.5	9-20	135 1.5	36
Grand mean	61.9	9-14	129 1.4	32
BLSD (k=100)	6.3	2	2 0.8	4
C.V. (%)	7.7	3	1 34.6	8

**Table 3 contd. Location 1, Porter Co., conventional soybean trials, 2000 results.**

Conducted on the Pinney-Purdue Agricultural Center, Wanatah.  
 Jon D. Leuck, superintendent.  
 Soil type: Runnymede loam.  
 Soil test for conventional soybeans, maturity groups I and II: pH 6.0, P 37 ppm (high), K 170 ppm (high).  
 Soil test for conventional soybeans, maturity group III: pH 5.7, P 44 ppm (high), K 177 ppm (high).  
 Date of planting: May 8, 2000.  
 Date of harvest: October 3, 2000.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

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(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 4. Location 1, Porter Co., Roundup Ready® soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.

**Maturity groups I and II (2000)**

b Beck 243RR	70.9 *	9-07	122	1.0	31
v Rupp RS 4265RR	70.1 *	9-09	124	1.0	30
v AP2949RRN AgriPro	69.1 *	9-12	127	1.0	38
v S29-C9 NK	67.8 *	9-10	125	1.0	34
b Beck 263RR	67.1 *	9-08	123	1.3	34
v Rupp RS 4241RR	64.1 *	9-08	123	1.0	28
v H Pride 285RR	63.8 *	9-10	125	1.0	29
v DSR-272/RR	62.8 *	9-08	123	1.0	31
v DSR-254/RR	62.5 *	9-08	123	1.0	31
b Beck 290RR	62.3 *	9-10	125	1.0	29
v Rupp RS 4289RR	62.2 *	9-14	129	1.0	34
b D269RR Garst	61.6 *	9-08	123	1.0	31
v C9284RR	59.6 *	9-09	124	1.3	34

**Table 4 contd. Location 1, Porter Co., Roundup Ready® soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.

**Maturity groups I and II (2000) contd**

Grand mean	64.9	9-09	124	1.0	32
BLSD (k=100)	ns	2	2	ns	3
C.V. (%)	10.7	4	1	17.9	7

**Maturity group III (2000)**

b Beck 323RR	75.1 *	9-17	132	1.0	32
b Beck 352RR	69.1 *	9-16	131	2.3	37
b BG 302RR	68.3 *	9-15	130	1.5	37
v AP 3083RR AgriPro	68.0 *	9-12	127	1.0	32
v DSR-303/RR	66.9	9-10	125	1.0	32
b H Pride 365RR	59.7	9-22	137	1.3	42
b D333RR/N Garst	55.0	9-20	135	1.0	35
Grand mean	66.0	9-16	131	1.3	35
BLSD (k=100)	7.7	1	1	0.4	3
C.V. (%)	7.8	2	1	23.2	6

Roundup Ready® is a trademark of Monsanto Co.

Conducted on the Pinney-Purdue Agricultural Center, Wanatah. Jon D. Leuck, superintendent.  
 Soil type: Runnymede loam.

Soil test for Roundup Ready® soybeans, maturity groups I and II: pH 5.9, P 54 ppm (very high), K 165 ppm (high).

Soil test for, Roundup Ready® soybeans maturity group III: pH 5.9, P 36 ppm (high), K 155 ppm (medium).

Date of planting: May 8, 2000.

Date of harvest: October 3, 2000.

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(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 5. Location 2, Tippecanoe Co., conventional soybean trials, three-year average (group II 1998-1999-2000, group III 1997, 1998, 2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (1998-1999-2000)</b>					
v DSR-275	60.4 *	9-13	121	1.0	33
b M-9929	58.4 *	9-12	121	1.0	30
v DSR-280/STS	58.3 *	9-15	123	1.0	33
v DSR-300	57.4 *	9-15	123	1.3	34
v Trisoy 2770	57.3 *	9-12	121	1.0	30
b C8275	55.6 *	9-11	120	1.0	30
v Jack Public	54.7 *	9-15	124	2.0	38
b Beck 289	54.5 *	9-12	121	1.0	30
v Sandusky Public	52.0	9-08	116	1.0	32
v Kenwood 94 Public	51.2	9-07	116	1.2	31
v Chapman Public	48.6	9-11	119	1.0	30
v Archer Public	44.5	8-31	108	1.0	28
Grand mean	54.4	9-11	119	1.1	32
BLSD (k=100)	7.6	2	2	0.2	2
C.V. (%)	10.2	4	1	17.5	8
<b>Maturity group III (1997, 1998, 2000)</b>					
b D308 Garst	59.3 *	9-13	117	1.0	29
b C7317	58.8 *	9-15	119	1.1	29
v Trisoy 3252	56.4 *	9-18	122	1.0	34
v DSR-325	56.4 *	9-19	123	1.1	35
b Beck 419	55.1	9-23	127	1.3	37
v Probst Public	53.5	9-18	122	1.1	32
v Yale Public	53.5	9-21	125	1.2	36
v Athow Public	52.0	9-15	119	1.0	30
v Resnik Public	49.7	9-17	121	1.0	32
v Defiance Public	49.1	9-16	121	1.1	32
v Williams 82 Public	46.6	9-23	127	1.4	38
v Pella 86 Public	43.9	9-11	115	1.1	30
Grand mean	52.9	9-17	122	1.1	33
BLSD (k=100)	3.7	2	2	ns	2
C.V. (%)	6.6	3	1	18.0	6

Conducted on the Purdue University Agronomy Research Center, Lafayette.  
James J. Beaty III, superintendent.

Soil type: Drummer (Chalmers) clay loam.

(1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).

**Table 5 contd. Location 2, Tippecanoe Co., conventional soybean trials, three-year average (group II 1998-1999-2000, group III 1997, 1998, 2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.					
Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.					
(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.					
(3) 1 (erect) to 5 (flat).					
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<b>Table 6. Location 2, Tippecanoe Co., conventional soybean trials, two-year average (group II 1999-2000, group III 1998, 2000).</b>					
Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (1999-2000)</b>					
v DSR-275	63.3 *	9-13	124	1.0	31
v Rupp RS 2499	61.2 *	9-11	122	1.0	29
b M-9929	60.9 *	9-13	124	1.0	29
v DSR-300	60.7 *	9-15	126	1.3	31
v DSR-280/STS	59.6 *	9-16	126	1.0	30
v Trisoy 2770	58.9 *	9-13	124	1.0	28
b C8275	57.7 *	9-12	123	1.0	28
v Jack Public	56.6 *	9-16	127	1.9	37
v Dwight Public	56.2 *	9-12	123	1.0	25
b Beck 289	56.2 *	9-14	124	1.0	28
v Sandusky Public	52.9 *	9-06	117	1.0	30
v Kenwood 94 Public	52.7 *	9-07	117	1.0	29
v Rupp RS 2345	52.2 *	9-09	119	1.0	25
v Chapman Public	47.3	9-11	121	1.0	27
v Archer Public	43.7	8-30	109	1.0	26
Grand mean	56.0	9-11	122	1.1	29
BLSD (k=100)	12.1	2	2	0.2	3
C.V. (%)	9.5	4	1	12.6	9

**Table 6 contd. Location 2, Tippecanoe Co., conventional soybean trials, two-year average (group II 1999-2000, group III 1998, 2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1998, 2000)</b>				
b M-9932	58.8 *	9-16	122	1.3
b D308 Garst	58.2 *	9-11	117	1.0
b C7317	57.8 *	9-13	120	1.1
b Diener DB 377	57.4 *	9-21	128	1.0
v DSR-338/STS	56.4 *	9-18	124	1.1
v Trisoy 3252	55.6 *	9-16	122	1.0
v DSR-325	55.5 *	9-17	124	1.1
v Yale Public	52.8 *	9-19	125	1.3
b Beck 419	52.8 *	9-21	127	1.5
v Probst Public	52.6 *	9-16	123	1.1
v Athow Public	52.1	9-12	119	1.0
v Defiance Public	49.3	9-16	122	1.1
v Resnik Public	47.4	9-15	121	1.0
v Williams 82 Public	44.6	9-20	127	1.6
v Pella 86 Public	42.8	9-08	115	1.1
Grand mean	52.9	9-16	122	1.2
B LSD (k=100)	6.4	2	2	ns
C.V. (%)	7.9	3	1	21.6

Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.

Soil type: Drummer (Chalmers) clay loam.

(1) Lower case letters indicate entry type as follows:

v-variety, b-brand, or m-mixture (blend).

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(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 7. Location 2, Tippecanoe Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group II (2000)</b>				
v AP 2889 AgriPro	64.7 *	9-12	130	1.0
v DSR-300	63.5 *	9-10	128	1.5
v DSR-280/STS	63.2 *	9-11	129	1.0
v DSR-275	62.0 *	9-08	126	1.0
v Rupp RS 2499	61.1 *	9-06	124	1.0
b M-9929	60.7 *	9-09	127	1.0
v Trisoy 2770	59.8 *	9-08	126	1.0
b M-9928	59.6 *	9-13	131	1.0
v Jack Public	59.1 *	9-12	130	1.8
v Kenwood 94 Public	58.0 *	9-03	121	1.0
b C8275	56.7	9-07	125	1.0
b Diener DB 289	56.5	9-10	128	1.0
v Dwight Public	55.5	9-07	125	1.0
v Sandusky Public	53.5	9-01	119	1.0
b NG 2909	52.8	9-13	131	1.0
v Chapman Public	50.6	9-07	125	1.0
v Archer Public	50.4	8-25	112	1.0
b Beck 289	50.4	9-09	127	1.0
v Rupp RS 2345	48.4	9-05	123	1.0
v IA 2051 Public	42.6	9-02	120	1.0
Grand mean	56.5	9-07	125	1.1
B LSD (k=100)	7.1	2	2	0.2
C.V. (%)	9.0	5	1	15.8

**Maturity group III (2000)**

b Beck 349	66.9 *	9-18	126	1.0
v S32-Z3 NK	64.5 *	9-14	122	1.0
v DSR-309/STS	64.5 *	9-14	122	1.0
b M-0131STS	64.0 *	9-17	125	1.0
b Beck 337STS	63.7 *	9-14	122	1.0
b Diener DB 377	63.3 *	9-21	129	1.0
b C7317	62.3 *	9-13	121	1.0
v DSR-299/STS	61.8 *	9-16	124	1.0
v AP 3525 AgriPro	61.8 *	9-17	125	1.0
b D308 Garst	60.6 *	9-11	119	1.0
v C3201	60.6 *	9-13	121	1.0
v DSR-325	60.3	9-19	127	1.0
v Maverick Public	60.2	9-21	129	1.0
v DSR-371/STS	60.2	9-22	130	1.0
v General Public	60.0	9-19	127	1.0

**Table 7 contd. Location 2, Tippecanoe Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000) contd</b>					
b Diener DB 302	59.9	9-12	120	1.0	28
v DSR-338/STS	59.6	9-19	127	1.0	28
b Beck 379N	59.6	9-23	131	1.0	34
v AP 3009 AgriPro	59.4	9-11	119	1.0	26
v Probst Public	59.4	9-17	125	1.0	32
v Saline Public	59.0	9-22	130	1.0	39
b D350 Garst	58.5	9-17	125	1.0	30
b M-Resister	58.4	9-21	129	1.0	33
b Diener DB 337	58.3	9-18	126	1.0	29
b M-9932	58.1	9-15	123	1.0	30
b BG 345	57.6	9-18	126	1.0	33
b Beck 419	57.0	9-22	130	1.0	34
v NE 3201 Public	56.9	9-14	122	1.0	25
v Trisoy 3252	56.9	9-16	124	1.0	32
v AG3302 Asgrow	56.6	9-17	125	1.0	31
v C3545	56.2	9-19	127	1.0	29
b BG 301	56.1	9-14	122	1.0	31
v Trisoy 3300	55.8	9-18	126	1.3	34
b NG 9032 STS	55.8	9-20	128	1.0	31
b M-0035	55.7	9-21	129	1.0	33
v Yale Public	55.5	9-20	128	1.0	35
b BG 363	55.5	9-21	129	1.0	34
v Charleston Public	55.0	9-14	122	1.0	23
v Athow Public	53.7	9-13	121	1.0	30
v Resnik Public	52.3	9-15	123	1.0	32
b NG 1037	52.3	9-20	128	1.0	32
v Defiance Public	50.3	9-16	124	1.0	31
v Pella 86 Public	47.0	9-08	116	1.0	27
v Williams 82 Public	46.0	9-22	130	1.0	37
Grand mean	58.1	9-17	125	1.0	31
BLSD (k=100)	6.4	2	2	ns	3
C.V. (%)	7.7	3	1	7.5	8

Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.

Soil type: Drummer (Chalmers) clay loam.

Soil test for conventional soybeans, maturity group II: pH 6.5, P 13 ppm (low), K 116 ppm (medium).

Soil test for conventional soybeans, maturity group III: pH 6.3, P 19 ppm (low), K 134 ppm (medium).

**Table 7 contd. Location 2, Tippecanoe Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Date of planting for maturity group II: May 5, 2000.				
Date of planting for maturity group III: May 15, 2000.				
Date of harvest for maturity group II: September 19, 2000.				
Date of harvest for maturity group III: September 28, 2000.				
(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend). Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA. Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.				
(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.				
(3) 1 (erect) to 5 (flat).				
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**Table 8. Location 2, Tippecanoe Co., Roundup Ready® soybean trials, two-year average (group II 1999-2000, group III 1998, 2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (1999-2000)</b>					
v C9284RR	63.8 *	9-13	123	1.0	35
v Rupp RS 4265RR	60.8 *	9-11	121	1.0	31
v Rupp RS 4289RR	60.5 *	9-16	126	1.0	34
b Diener DB 2900CR	59.5 *	9-13	124	1.1	35
v Trisoy 2997RR	58.1 *	9-13	123	1.0	34
v DSR-293/RR	55.1 *	9-10	121	1.0	33
Grand mean	59.6	9-13	123	1.0	34
BLSD (k=100)	ns	3	3	ns	ns
C.V. (%)	7.0	2	1	14.2	7

**Table 8 contd. Location 2, Tippecanoe Co., Roundup Ready® soybean trials, two-year average (group II 1999-2000, group III 1998, 2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1998, 2000)</b>				
v DSR-321/RR	61.4 *	9-14	126	1.9
v DSR-381/RR	60.2 *	9-18	130	1.8
b Diener DB 3900CR	58.5 *	9-14	126	1.4
Grand mean	60.0	9-15	127	1.7
BLSD (k=100)	ns	ns	ns	ns
C.V. (%)	4.5	5	2	23.0

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Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.

Soil type: Drummer (Chalmers) clay loam.

(1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 9. Location 2, Tippecanoe Co., Roundup Ready® soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group II (2000)</b>				
v C9284RR	66.0 *	9-09	127	1.0
v DSR-272/RR	64.6 *	9-07	125	1.0
b Diener DB 2977RR	64.1 *	9-08	126	1.0
v AG2602 Asgrow	63.0 *	9-05	123	1.0
b Vigoro V281 RR	63.0 *	9-09	127	1.0
v AG2703 Asgrow	62.7 *	9-07	125	1.0
v Rupp RS 4265RR	62.4 *	9-06	124	1.0
v AP2949RRN AgriPro	62.0 *	9-09	127	1.0
v Trisoy 2807RR	61.3 *	9-04	122	1.0
v S29-C9 NK	61.2 *	9-08	126	1.8
b NG 1128R	60.9 *	9-12	130	1.0
v Rupp RS 4289RR	60.5 *	9-11	129	1.0
v Rupp RS 4241RR	59.5 *	9-05	123	1.0
b NG 9029R	59.5 *	9-11	129	1.0
v DSR-293/RR	58.7 *	9-05	123	1.0
b Diener DB 2900CR	56.8 *	9-10	128	1.0
v Trisoy 2997RR	55.1	9-08	126	1.0
Grand mean	61.3	9-08	126	1.0
BLSD (k=100)	9.9	2	2	0.2
C.V. (%)	7.5	4	1	11.6

<b>Maturity group III (2000)</b>				
v AG3302 Asgrow	75.1 *	9-14	132	1.0
v DK B38-51 DeKalb	74.7 *	9-20	138	1.0
v DSR-363/RR	73.7 *	9-18	136	1.0
b Beck 336NRR	72.1 *	9-11	129	1.3
b D355RR Garst	71.0 *	9-14	132	1.3
v AP 3385RRN AgriPro	70.3	9-19	137	1.0
b Beck 323RR	68.5	9-12	130	1.0
b Vigoro V352 NRR	67.5	9-19	137	1.0
b BG 355RR	67.4	9-20	138	1.0
v AP 3083RR AgriPro	66.9	9-09	127	1.0
v DSR-381/RR	66.8	9-19	137	1.0
b Vigoro V330 NRR	66.7	9-15	133	1.0
v DK B35-5 DeKalb	66.7	9-16	134	1.0
v C3505RR	65.9	9-16	134	1.0
b BG 333RR	65.8	9-18	136	1.0
v C3767RR	65.7	9-17	135	1.0
v Trisoy 3297RR	65.6	9-14	132	1.0
v DK B32-51 DeKalb	64.5	9-14	132	1.0
b D333RR/N Garst	64.5	9-20	138	1.0
v AP 3510 AgriPro	64.2	9-14	132	1.3

**Table 9 contd. Location 2, Tippecanoe Co., Roundup Ready® soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date (3)	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000) contd</b>					
v DSR-327/RR	63.7	9-14	132	1.0	36
v DSR-395/RR	63.7	9-22	140	1.0	33
v S30-P6 NK	63.6	9-08	126	1.3	29
v Trisoy 3707RR	63.6	9-18	136	1.0	34
v DSR-303/RR	63.0	9-09	127	1.3	29
b Diener DB 3310CR	62.8	9-14	132	1.0	32
b Beck 352RR	62.2	9-15	133	1.3	31
b Diener DB 3630RR	61.8	9-20	138	1.0	28
v AG3702 Asgrow	61.7	9-18	136	1.0	32
b Beck 372RR	61.7	9-23	141	1.0	32
v C3333RR	61.4	9-13	131	1.0	27
v DSR-321/RR	61.3	9-13	131	1.0	32
v AG3003 Asgrow	61.0	9-12	130	1.0	31
b Beck 376NRR	60.1	9-18	136	1.0	32
b Diener DB 3900CR	58.7	9-18	136	1.0	30
b Diener DB 3500CR	58.6	9-19	137	1.0	30
v Trisoy 3597RR	58.3	9-16	134	1.0	29
b NG 9034R	58.0	9-16	134	1.0	33
v DSR-357/RR	57.9	9-18	136	1.0	30
v DK B36-51 DeKalb	57.8	9-18	136	1.0	32
b D370RR Garst	57.3	9-19	137	1.0	32
b Diener DB 3366RR	57.0	9-14	132	1.0	31
b Vigoro V361 RR	56.0	9-12	130	1.0	32
b Diener DB 3775CR	55.3	9-17	135	1.0	32
b NG 1036R	53.6	9-20	138	1.0	32
Grand mean	63.6	9-16	134	1.0	32
BLSD (k=100)	4.7	2	2	ns	3
C.V. (%)	5.6	3	1	17.3	7

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James J. Beaty III, superintendent.

Soil type: Drummer (Chalmers) clay loam.

Soil test for Roundup Ready® soybeans, maturity group II: pH 6.5, P 12 ppm (low), K 111 ppm (medium).

Soil test for Roundup Ready® soybeans, maturity group III: pH 6.4, P 14 ppm (low), K 119 ppm (medium).

Date of planting: May 5, 2000.

**Table 9 contd. Location 2, Tippecanoe Co., Roundup Ready® soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date (3)	Lodging -Days score(3)	Plant height
	bu./A.			in.
Date of harvest for maturity group II: September 19, 2000.				
Date of harvest for maturity group III: September 28, 2000.				
(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend). Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA. Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.				
(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.				
(3) 1 (erect) to 5 (flat).				
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**Table 10. Location 3, Randolph Co., conventional soybean trials, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date (3)	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (1998-1999-2000)</b>					
v Rupp RS 2499	60.1 *	9-13	121	1.3	29
b D265 Garst	57.3 *	9-13	121	1.3	27
v DSR-280/STS	57.0 *	9-16	124	1.7	32
v Sandusky Public	54.7 *	9-10	118	1.0	29
v DSR-300	54.2 *	9-18	125	1.8	35
v Kenwood 94 Public	53.6 *	9-10	118	1.8	29
v Chapman Public	53.3 *	9-12	120	1.3	29
v Jack Public	52.6 *	9-17	125	2.0	37
Grand mean	55.3	9-14	122	1.5	31
BLSD (k=100)	ns	2	2	0.7	2
C.V. (%)	11.8	4	1	24.9	8
<b>Maturity group III (1998-1999-2000)</b>					
v Rupp RS 3119	58.4 *	9-17	125	1.3	32
b Beck 351	55.7 *	9-22	129	1.5	34
v Defiance Public	54.3 *	9-20	127	1.5	35
b Beck 419	53.5 *	9-27	135	1.5	39

**Table 10 contd. Location 3, Randolph Co., conventional soybean trials, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (1998-1999-2000) contd</b>					
v Athow Public	52.8 *	9-16	124	1.3	31
v Resnik Public	51.3 *	9-20	128	1.2	31
v Probst Public	50.9 *	9-21	128	1.3	34
v Pella 86 Public	49.6 *	9-15	123	1.2	32
v Williams 82 Public	49.4 *	9-28	136	1.6	39
v Yale Public	48.5 *	9-25	132	1.3	36
Grand mean	52.4	9-21	129	1.4	34
B LSD (k=100)	11.8	2	2	0.5	4
C.V. (%)	15.0	4	1	41.8	12

Conducted on the Davis-Purdue Agricultural Center, Farmland.

Jeffrey L. Boyer, superintendent.

Soil type: Blount silty clay loam.

(1) Lower case letters indicate entry type as follows:

v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 11. Location 3, Randolph Co., conventional soybean trials, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (1999-2000)</b>					
v Rupp RS 2499	66.9 *	9-13	123	1.5	30
v Sandusky Public	65.3 *	9-09	119	1.0	30
v DSR-280/STS	63.2 *	9-16	126	2.0	33
b D265 Garst	63.0 *	9-13	123	1.4	28
v Kenwood 94 Public	60.9 *	9-10	120	2.1	31
v Chapman Public	58.0 *	9-12	122	1.5	30
v Jack Public	57.4	9-17	127	2.5	38
v DSR-300	57.0	9-18	128	2.3	36
v Dwight Public	53.9	9-14	124	1.4	28
v Archer Public	49.8	9-04	114	1.6	32
Grand mean	59.5	9-13	123	1.7	32
B LSD (k=100)	9.4	2	2	0.5	3
C.V. (%)	11.6	4	1	26.8	8
<b>Maturity group III (1999-2000)</b>					
v Rupp RS 3119	63.5 *	9-17	127	1.5	34
v DSR-309/STS	62.9 *	9-19	129	1.6	34
b SC 388 SeedCslt	62.4 *	9-25	135	2.1	38
v Athow Public	59.9 *	9-16	126	1.4	32
b SC 350N SeedCslt	59.8 *	9-26	136	1.1	33
b Davis D350N	58.9 *	9-27	137	1.4	33
v DSR-377	58.4 *	9-25	135	1.5	36
b Beck 351	57.9 *	9-21	131	1.6	37
v Defiance Public	56.9 *	9-21	131	1.8	36
b Davis D360	56.8 *	9-29	139	2.1	39
v Resnik Public	56.2 *	9-19	129	1.3	32
b Beck 419	55.6 *	9-27	137	1.5	39
b Davis D340STS	54.5 *	9-22	132	1.5	35
v Maverick Public	54.2 *	9-26	136	2.6	39
v Probst Public	52.8 *	9-21	131	1.3	35
v Pella 86 Public	51.3 *	9-15	125	1.3	33
v Yale Public	49.6	9-25	135	1.3	38
v Williams 82 Public	47.3	9-28	138	1.5	39
v Charleston Public	47.2	9-19	129	1.1	23
v Saline Public	45.9	9-25	135	1.6	37
Grand mean	55.6	9-23	133	1.6	35
B LSD (k=100)	12.8	3	3	0.9	6
C.V. (%)	13.4	4	2	42.2	13

**Table 11 contd. Location 3, Randolph Co., conventional soybean trials, two-year average (1999-2000).**

Conducted on the Davis-Purdue Agricultural Center, Farmland.

Jeffrey L. Boyer, superintendent.

Soil type: Blount silty clay loam.

(1) Lower case letters indicate entry type as follows:

v-variety, b-brand, or m-mixture (blend).

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(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 12. Location 3, Randolph Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group II (2000)</b>				
v Rupp RS 2499	83.0 *	9-14	128	1.3 29
b Beck 297NSTS	82.4 *	9-18	132	2.3 31
v DSR-280/STS	77.5 *	9-16	130	2.0 29
v Sandusky Public	77.1 *	9-10	124	1.0 27
b D265 Garst	75.2 *	9-13	127	1.0 24
v Kenwood 94 Public	73.3 *	9-12	126	2.0 28
v Jack Public	72.6 *	9-17	131	2.5 35
v Chapman Public	70.6 *	9-13	127	1.5 27
v DSR-300	69.8	9-18	132	2.5 33
v IA 2051 Public	66.7	9-12	126	1.5 25
v Dwight Public	62.5	9-14	128	1.3 24
v Archer Public	57.3	9-05	119	1.5 29
Grand mean	72.3	9-14	128	1.7 28
BLSD (k=100)	12.9	1	1	0.6 4
C.V. (%)	11.4	2	1	26.1 9

**Table 12 contd. Location 3, Randolph Co., conventional soybean trials, 2000 results.**

Entry Type and Name (1)

Yield est.(2) bu./A.

Maturity Date

Lodging -Days score(3)

Plant height in.

<b>Maturity group III (2000)</b>					
v C3201	78.9 *	9-17	131	1.0	26
b SC 350N SeedCslt	78.4 *	9-28	142	1.3	29
v C3545	77.4 *	9-21	135	1.0	26
b Beck 349	76.6 *	9-22	136	1.3	28
b Beck 337STS	76.5 *	9-19	133	1.3	29
v DSR-309/STS	74.8 *	9-20	134	1.3	31
v DSR-377	74.1 *	9-25	139	1.8	32
b Davis D350N	72.9 *	9-30	144	1.5	31
v DSR-299/STS	72.2 *	9-21	135	2.0	32
b SC5348STS SeedCslt	72.0 *	9-23	137	1.3	31
v Athow Public	71.7 *	9-18	132	1.5	30
v DSR-371/STS	71.7 *	9-27	141	2.0	33
b SC 388 SeedCslt	70.8 *	9-24	138	2.0	32
v General Public	70.2 *	9-24	138	1.0	28
v Rupp RS 3119	69.7 *	9-18	132	1.8	31
v AP 3880 AgriPro	69.5 *	9-28	142	1.5	32
v NE 3201 Public	69.3 *	9-18	132	1.3	27
b Davis D340STS	68.1 *	9-24	138	1.8	33
v AP 3525 AgriPro	67.9 *	9-22	136	1.5	26
b Vigoro V362 SCN	67.8 *	9-29	143	1.5	25
b D350 Garst	67.6 *	9-20	134	1.0	28
v Resnik Public	66.7 *	9-20	134	1.3	26
b Beck 419	66.6 *	9-30	144	1.5	34
b Davis D360	66.5 *	9-30	144	1.8	33
b Beck 351	65.2 *	9-22	136	1.8	32
b Vigoro V360 STS	64.5 *	9-24	138	1.0	32
v Maverick Public	63.7	9-28	142	2.0	33
v Probst Public	63.6	9-21	135	1.5	33
v Defiance Public	63.4	9-21	135	2.0	33
v Pella 86 Public	59.8	9-14	128	1.3	30
v Yale Public	58.7	9-26	140	1.5	37
v Williams 82 Public	55.9	9-28	142	1.5	33
v Saline Public	53.7	9-25	139	1.5	30
v Charleston Public	51.3	9-20	134	1.3	24
Grand mean	68.2	9-23	137	1.5	30
BLSD (k=100)	14.6	3	3	ns	ns
C.V. (%)	12.9	5	2	44.9	19

Conducted on the Davis-Purdue Agricultural Center, Farmland.

Jeffrey L. Boyer, superintendent.

**Table 12 contd. Location 3, Randolph Co.,  
conventional soybean trials,  
2000 results.**

Soil type: Blount silty clay loam.  
Soil test for conventional soybeans, maturity  
group II: pH 6.7, P 29 ppm (medium),  
K 107 ppm (medium).

Soil test for conventional soybeans, maturity  
group III: pH 6.3, P 26 ppm (medium),  
K 110 ppm (medium).

Date of planting: May 9, 2000.

Date of harvest: October 13, 2000.

(1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural  
Experiment Stations (Indiana Agricultural  
Research Programs) or in cooperation with  
the Agricultural Research Service of the  
USDA.

Proprietary names are company or brand names  
generally associated in the trade with variety,  
brand, or blend names.

(2) Yields followed by an asterisk (\*) are not,  
statistically, significantly different from the  
highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 13. Location 3, Randolph Co.,  
Roundup Ready® soybean trials,  
2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group II (2000)</b>				
b SC 9288RR SeedCslt	79.3 *	9-17	131	1.3 28
v Rupp RS 4289RR	77.1 *	9-17	131	1.0 29
v C9284RR	76.2 *	9-18	132	1.3 27
b Beck 290RR	70.1 *	9-15	129	1.0 27
Grand mean	75.7	9-17	131	1.1 28
B LSD (k=100)	ns	ns	ns	ns ns
C.V. (%)	12.6	4	2	32.4 14

**Table 13 contd. Location 3, Randolph Co.,  
Roundup Ready® soybean trials,  
2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (2000)</b>				
b Beck 372RR	83.0 *	9-29	143	1.8 36
b Beck 352RR	82.3 *	9-24	138	1.8 34
b SC 9320RR SeedCslt	82.1 *	9-20	134	1.5 29
b Beck 323RR	80.8 *	9-19	133	1.0 27
v AG3302 Asgrow	78.2 *	9-19	133	1.8 30
b SC 9388RR SeedCslt	78.2 *	9-28	142	1.3 33
v DSR-357/RR	77.9 *	9-30	144	1.0 33
v Rupp RS 4309RR	77.8 *	9-17	131	1.0 30
v C3333RR	77.8 *	9-20	134	1.0 29
v DK B35-51 DeKalb	76.6 *	9-21	135	1.0 30
b HP 3693RR	76.1 *	9-28	142	1.0 37
v DSR-303/RR	75.7 *	9-15	129	1.0 29
v DSR-321/RR	75.7 *	9-21	135	1.3 32
b SC 9351RR SeedCslt	75.7 *	9-22	136	1.5 34
v AP 3510 AgriPro	75.7 *	9-24	138	1.5 33
v DSR-381/RR	75.7 *	9-25	139	1.3 33
v DSR-363/RR	75.6 *	9-26	140	1.0 31
b D355RR Garst	75.3 *	9-23	137	1.0 32
v DSR-395/RR	73.7 *	10-03	147	1.0 35
v AG3003 Asgrow	73.5 *	9-18	132	1.0 31
b Vigoro V332 RR	73.2 *	9-19	133	1.3 31
v S34-B2 NK	72.8 *	9-20	134	1.0 31
v AG3702 Asgrow	72.7 *	9-25	139	1.0 31
v C3505RR	72.2	9-21	135	1.0 30
v C3767RR	71.1	9-23	137	1.0 34
v AP 3385RRN AgriPro	70.8	9-27	141	1.0 30
v DSR-327/RR	70.4	9-20	134	1.3 33
v DK B38-51 DeKalb	70.1	9-27	141	1.0 28
b HP 3502RR	69.9	9-22	136	1.0 32
b D370RR Garst	69.5	9-25	139	1.3 35
b SC 9382RR SeedCslt	68.9	9-29	143	1.5 35
v DK B36-51 DeKalb	66.2	9-23	137	1.0 36
b Vigoro V352 NRR	65.9	9-21	135	1.0 36
Grand mean	74.6	9-23	137	1.2 32
B LSD (k=100)	10.4	3	3	0.7 5
C.V. (%)	8.0	4	2	31.9 9

Roundup Ready® is a trademark of Monsanto Co..  
Conducted on the Davis-Purdue Agricultural  
Center, Farmland.  
Jeffrey L. Boyer, superintendent.

**Table 13 contd. Location 3, Randolph Co., Roundup Ready® soybean trials, 2000 results.**

Soil type: Blount silty clay loam.  
 Soil test for Roundup Ready® soybeans, maturity group II: pH 6.7, P 37 ppm (high), K 120 ppm (medium).  
 Soil test for Roundup Ready® soybeans, maturity group III: pH 6.7, P 20 ppm (medium), K 88 ppm (medium).  
 Date of planting: May 9, 2000.  
 Date of harvest: October 13, 2000.  
 (1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).  
 Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.  
 Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.  
 (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
 (3) 1 (erect) to 5 (flat).  
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**Table 14. Location 4, southwestern Indiana conventional soybean trials, three-year average (group III 1998-1999-2000, group IV 1997-1998-1999).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (1998-1999-2000)</b>					
b Beck 419	65.1 *	9-26	119	2.0	43
b D398	Garst 64.6 *	9-25	118	2.3	37
v Probst	Public 61.0 *	9-19	112	2.6	34
v Resnik	Public 60.5 *	9-18	111	1.8	35
v Athow	Public 58.6 *	9-17	110	2.0	32
v Yale	Public 56.9 *	9-22	115	2.2	34
v Williams 82	Public 53.5 *	9-24	117	2.5	41
v Defiance	Public 52.5 *	9-18	110	1.9	33
v Pella 86	Public 50.5	9-17	110	1.9	36
Grand mean	58.1	9-21	114	2.1	36
B LSD (k=100)	12.8	3	3	0.8	5
C.V. (%)	10.0	2	1	25.4	10

**Table 14 contd. Location 4, southwestern Indiana conventional soybean trials, three-year average (group III 1998-1999-2000, group IV 1997-1998-1999).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group IV (1997-1998-1999)</b>					
v Exodus	SouthCross 52.0 *	9-30	117	2.2	32
v CX 450C	50.7 *	9-29	115	1.6	34
v CX 470C	49.4 *	9-29	116	1.6	37
v David	SouthCross 46.9 *	9-30	117	1.2	35
v Omaha	Public 46.8 *	9-24	111	1.5	28
v Flyer	Public 44.9 *	9-24	111	1.3	28
Grand mean	48.5	9-28	115	1.6	32
B LSD (k=100)	ns	4	4	ns	5
C.V. (%)	10.9	2	1	31.0	7

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).  
 Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.  
 Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.  
 (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
 (3) 1 (erect) to 5 (flat).  
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**Table 15. Location 4, southwestern Indiana conventional soybean trials, two-year average (group III 1999-2000, group IV 1998-1999).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (1999-2000)</b>					
v Maverick	Public 74.4 *	9-16	125	3.1	50
b D398	Garst 64.1 *	9-20	129	2.9	40
b Beck 419	63.7 *	9-20	129	2.4	45
v Charleston	Public 63.3 *	9-12	121	1.5	24

**Table 15 contd. Location 4, southwestern Indiana conventional soybean trials, two-year average (group III 1999-2000, group IV 1998-1999).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1999-2000) contd</b>				
v Probst Public	62.7 *	9-13	122	3.4
v Resnik Public	62.5 *	9-11	120	2.3
v Saline Public	62.0 *	9-17	126	3.3
v Yale Public	59.6 *	9-18	127	2.8
v Athow Public	57.2 *	9-10	119	2.5
v Williams 82 Public	53.9 *	9-19	128	3.1
v Defiance Public	51.4	9-12	121	2.4
v Pella 86 Public	47.7	9-10	119	2.1
Grand mean	60.2	9-15	124	2.6
B LSD (k=100)	21.9	4	4	0.6
C.V. (%)	10.6	3	1	22.3
<b>Maturity group IV (1998-1999)</b>				
v Exodus SouthCross	66.3 *	10-06	115	2.8
v CX 450C	63.0 *	10-04	113	1.9
v CX 470C	60.9 *	10-06	115	1.9
v David SouthCross	57.7 *	10-06	115	1.3
v Omaha Public	56.8 *	9-28	107	1.8
v Ina Public	54.0 *	10-05	114	2.5
v Flyer Public	53.2	9-28	107	1.4
Grand mean	58.8	10-03	112	1.9
B LSD (k=100)	12.8	3	3	1.4
C.V. (%)	9.1	2	1	30.8

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 16. Location 4, Knox Co., southwestern Indiana conventional soybean trial, 2000 results for maturity group III only.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (2000)</b>				
v Maverick Public	84.4 *	9-15	135	3.8
v Charleston Public	76.6 *	9-09	129	2.0
v Yale Public	73.8	9-14	134	3.8
b Beck 379N	72.1	9-18	138	3.0
v Resnik Public	68.8	9-07	127	3.3
v Probst Public	68.6	9-11	131	4.0
v General Public	67.7	9-09	129	4.0
v Saline Public	66.9	9-13	133	3.8
b Beck 419	64.0	9-18	138	3.0
b D398 Garst	62.6	9-17	137	3.5
v Williams 82 Public	60.1	9-16	136	3.8
v Athow Public	58.3	9-05	125	3.5
b BG 363	57.1	9-11	131	4.0
v NE 3201 Public	54.6	9-07	127	4.0
v Defiance Public	51.5	9-08	128	3.3
v Pella 86 Public	46.6	9-05	125	3.0
Grand mean	64.6	9-11	131	3.5
B LSD (k=100)	9.0	2	2	0.5
C.V. (%)	10.3	4	1	9.7

Conducted on the Southwest-Purdue Agricultural Center, Vincennes.

Melborn K. Lang, superintendent.

Soil type: Ade loamy fine sand.

Soil test for conventional soybeans, maturity group III: pH 6.1, P 80 ppm (very high), K 150 ppm (high).

Date of planting: May 3, 2000.

Date of harvest for conventional soybeans, maturity group III: October 11, 2000.

The conventional soybeans, maturity group IV trial, was abandoned October 11, 2000 due to water-damage and late-season weeds.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

**Table 16 contd. Location 4, Knox Co., southwestern Indiana conventional soybean trial, 2000 results for maturity group III only.**

- (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
 (3) 1 (erect) to 5 (flat).  
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**Table 17. Location 4, Daviess Co., southwestern Indiana conventional soybeans performance trial, 1999 results for maturity group IV only.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group IV (1999)</b>				
v Exodus SouthCross	63.9 *	9-28	126	2.5 39
v CX 400	60.1 *	9-24	122	1.3 37
v CX 450C	59.2 *	9-26	124	2.0 44
v CX 470C	55.3	9-27	125	1.8 47
v Omaha Public	55.2	9-21	119	2.5 37
v LG 6457CSTS	50.5	9-28	126	2.0 39
v David SouthCross	49.2	9-26	124	1.0 43
v Flyer Public	47.9	9-21	119	1.8 36
v CX 420c	47.8	9-26	124	1.8 42
v Ina Public	43.3	9-28	126	2.5 44
v James SouthCross	42.2	9-24	122	1.8 41
v Mustang Public	39.3	9-27	125	1.3 40
Grand mean	51.2	9-26	124	1.9 41
BLSD (k=100)	7.4	2	2	1.1 3
C.V. (%)	10.5	3	1	34.2 6

Note: The 2000, conventional soybeans, maturity group IV trial was abandoned October 11, 2000 due to water- damage and late-season weeds. For detailed information on the 1999 trial, see Bulletin Number B787.

- (1) Lower case letters indicate entry type as follows:  
 v-variety, b-brand, or m-mixture (blend).  
 Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

**Table 17 contd. Location 4, Daviess Co., southwestern Indiana conventional soybeans performance trial, 1999 results for maturity group IV only.**

- Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.  
 (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
 (3) 1 (erect) to 5 (flat).  
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**Table 18. Location 4, Knox Co., southwestern Indiana Roundup Ready® soybean performance trials, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (2000)</b>				
b Beck 376NRR	73.7 *	9-13	133	3.8 41
b BG 355RR	67.8 *	9-12	132	3.5 43
b H Pride 3992CRR	62.5	9-16	136	3.0 50
b BG 388RR	62.3	9-20	140	4.0 53
v Solomon SouthCross	61.7	9-19	139	3.3 40
b Beck 385NRR	59.2	9-12	132	4.0 46
b Vigoro V391 NRR	58.0	9-14	134	3.0 51
b D399RR/N Garst	57.7	9-16	136	3.0 50
v S39-D9 NK	54.8	9-19	139	3.0 44
Grand mean	62.0	9-16	136	3.4 46
BLSD (k=100)	9.6	3	3	0.4 5
C.V. (%)	9.8	4	1	9.3 7
<b>Maturity group IV (2000)</b>				
b H Pride 4102CRR	66.9 *	9-25	145	3.5 54
v Titus SouthCross	62.4 *	10-02	152	4.0 56
b Beck 476NRR	62.0 *	10-02	152	4.0 52
b Vigoro 400 NRR	60.3 *	9-23	143	3.0 44
v S46-G2 NK	58.5 *	10-02	152	3.5 54
Grand mean	62.0	9-29	149	3.6 52
BLSD (k=100)	ns	3	3	0.6 8
C.V. (%)	9.2	4	1	10.1 9

**Table 18 contd. Location 4, Knox Co., southwestern Indiana Roundup Ready® soybean performance trials, 2000 results.**

Roundup Ready® is a trademark of Monsanto Co. Conducted on the Southwest-Purdue Agricultural Center, Vincennes.

Melborn K. Lang, superintendent.

Soil type: Ade loamy fine sand.

Soil test for Roundup Ready® soybeans, maturity group III: pH 6.1, P 90 ppm (very high), K 141 ppm (high).

Soil test for Roundup Ready® soybeans, maturity group IV: pH 7.3, P 77 ppm (very high), K 128 ppm (medium).

Date of planting: May 3, 2000.

Date of harvest for Roundup Ready® soybeans, maturity groups III and IV: October 9, 2000.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 19. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.

**Maturity group III (1998-1999-2000)**

b Beck 386	66.4 *	9-21	127	1.3	29
v Defiance	Public 63.3 *	9-15	121	1.5	30
b Beck 419	61.2 *	9-22	128	1.2	31
v Probst	Public 60.0 *	9-17	123	1.3	28
v Williams 82	Public 59.3 *	9-21	127	1.5	34
v Resnik	Public 57.8 *	9-17	122	1.3	28
v Athow	Public 57.2 *	9-15	120	1.3	25

**Table 19 contd. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.

**Maturity group III (1998-1999-2000) contd**

b D398	Garst 56.1 *	9-21	127	1.0	25
v Yale	Public 54.8 *	9-20	126	1.0	27
v Pella 86	Public 44.3	9-15	121	1.1	26
Grand mean	58.0	9-18	124	1.3	28
B LSD (k=100)	14.0	2	2	ns	2
C.V. (%)	11.8	3	1	24.0	8

**Maturity group IV (1998-1999-2000)**

v Omaha	Public 64.7 *	9-24	129	1.1	29
v Flyer	Public 56.3 *	9-22	128	1.1	31
Grand mean	60.5	9-23	129	1.1	30
B LSD (k=100)	10.5	1	1	ns	2
C.V. (%)	8.1	2	1		6

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 20. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1999-2000)</b>				
b SC 388 SeedCslt	65.6 *	9-23	129	2.0 34
b Beck 386	61.7 *	9-22	129	1.5 30
b D398 Garst	61.6 *	9-22	128	1.0 27
v Maverick Public	59.7 *	9-20	126	1.8 38
v Defiance Public	59.6 *	9-16	122	1.8 31
v Williams 82 Public	59.3 *	9-22	128	1.6 35
v Resnik Public	59.1 *	9-17	124	1.5 29
v Probst Public	58.7 *	9-18	124	1.4 28
v Saline Public	57.3 *	9-21	128	1.4 34
b Beck 419	56.3 *	9-23	129	1.1 32
v Athow Public	55.9 *	9-16	122	1.4 26
v Yale Public	54.8 *	9-21	127	1.0 28
v Pella 86 Public	45.3	9-16	123	1.1 28
v Charleston Public	42.5	9-16	123	1.1 16
Grand mean	57.0	9-20	126	1.4 30
BLSD (k=100)	15.0	3	3	ns 2
C.V. (%)	10.5	3	1	23.4 7
<b>Maturity group IV (1999-2000)</b>				
v Omaha Public	62.8 *	9-24	130	1.1 29
v Flyer Public	57.5 *	9-22	129	1.1 32
Grand mean	60.2	9-23	130	1.1 31
BLSD (k=100)	ns	1	1	ns ns
C.V. (%)	8.2	3	1	3

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

**Table 20 contd. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, two-year average (1999-2000).**

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 21. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (2000)</b>				
v General Public	80.9 *	9-19	130	2.5 30
b SC 388 SeedCslt	79.0 *	9-24	135	3.0 34
b Beck 386	74.0 *	9-24	135	2.0 29
v Defiance Public	73.9 *	9-19	130	2.5 29
v Maverick Public	72.8 *	9-23	134	2.5 38
v NE 3201 Public	72.2	9-19	130	2.0 26
v Williams 82 Public	70.1	9-24	135	2.3 35
v Probst Public	69.7	9-19	130	1.8 26
v Resnik Public	68.1	9-19	130	2.0 29
v Saline Public	65.8	9-22	133	1.8 33
b D398 Garst	63.5	9-24	135	1.0 24
v Athow Public	62.8	9-18	129	1.8 25
v Yale Public	62.5	9-21	132	1.0 27
b Beck 419	59.7	9-25	136	1.3 30
v Pella 86 Public	52.6	9-19	130	1.3 28
v Charleston Public	45.3	9-18	129	1.3 15
Grand mean	67.1	9-21	132	1.9 29
BLSD (k=100)	8.7	2	2	0.6 2
C.V. (%)	9.5	3	1	24.8 7

**Table 21 contd. Location 5, Jennings Co., soybean performance trials, conventional soybeans in conventional tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group IV (2000)</b>				
b SC 406 SeedCslt	80.4 *	9-25	136	1.8
v NE 3801 Public	75.7 *	9-22	133	1.3
v Omaha Public	70.0	9-25	136	1.3
v DSR-400/STS	67.7	9-26	137	1.5
v Rend Public	66.0	9-27	138	2.3
v Flyer Public	61.6	9-24	135	1.3
Grand mean	70.2	9-25	136	1.6
B LSD (k=100)	7.4	2	2	0.4
C.V. (%)	7.1	2	1	18.5

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test for conventional soybeans, maturity group III: pH 6.5, P 16 ppm (low), K 147 ppm (high).

Soil test for conventional soybeans, maturity group IV: pH 5.5, P 25 ppm (medium), K 163 ppm (high).

Date of planting: May 12, 2000.

Date of harvest: October 12, 2000.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 22. Location 5, Jennings Co., soybean performance trials, conventional soybeans in no-tillage, three-year average (1998-1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1998-1999-2000)</b>				
b Beck 419	60.0 *	10-04	123	1.3
b Beck 386	58.9 *	10-02	121	1.3
v Probst Public	52.3 *	9-27	116	1.1
v Athow Public	52.1 *	9-24	113	1.0
v Resnik Public	52.1 *	9-26	115	1.0
v Williams 82 Public	50.5	10-01	120	1.8
v Yale Public	44.5	9-30	119	1.2
v Pella 86 Public	42.5	9-24	113	1.1
Grand mean	51.6	9-29	118	1.2
B LSD (k=100)	8.6	3	3	0.6
C.V. (%)	12.7	3	2	26.3

**Maturity group IV (1998-1999-2000)**

v Omaha Public	52.9 *	10-02	121	1.0	31
v Flyer Public	49.8 *	9-30	119	1.1	31

Grand mean	51.3	10-01	120	1.0	31
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B LSD (k=100)	ns	2	2	ns	1
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C.V. (%)	7.6	2	1	19.4	4
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Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 23. Location 5, Jennings Co., soybean performance trials, conventional soybeans in no-tillage, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (1999-2000)</b>					
b Beck 419	68.4 *	9-29	132	1.4	39
b Beck 386	68.3 *	9-29	132	1.4	35
v Maverick Public	67.8 *	9-26	129	1.9	43
v Athow Public	65.5 *	9-20	123	1.0	31
v Resnik Public	62.9 *	9-21	124	1.0	34
v Probst Public	62.9 *	9-23	126	1.1	32
v Charleston Public	60.1	9-23	126	1.1	21
v Defiance Public	59.7	9-20	123	1.3	34
v Williams 82 Public	57.5	9-27	130	2.1	39
v Saline Public	56.1	9-25	128	1.9	38
v Yale Public	54.4	9-28	131	1.3	33
v Pella 86 Public	49.3	9-21	124	1.1	29
Grand mean	61.1	9-24	127	1.4	34
BLSD (k=100)	8.2	4	4	0.5	2
C.V. (%)	11.6	3	1	32.9	7
<b>Maturity group IV (1999-2000)</b>					
v Omaha Public	62.1 *	9-28	131	1.0	34
v Flyer Public	61.4 *	9-26	129	1.1	35
Grand mean	61.8	9-27	130	1.0	35
BLSD (k=100)	ns	1	1	ns	ns
C.V. (%)	6.2	2	1	23.8	5

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

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Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 24. Location 5, Jennings Co., soybean performance trials, conventional soybeans in no-tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000)</b>					
b Beck 419	77.3 *	10-07	134	1.8	41
b Beck 386	75.7 *	10-06	133	1.5	35
v General Public	74.1 *	10-03	130	1.0	32
v AG3302 Asgrow	72.2 *	9-29	126	1.8	36
v Maverick Public	71.8 *	10-05	132	2.0	43
v Athow Public	71.2 *	9-24	121	1.0	31
b NG 1037	69.3 *	10-05	132	1.0	35
b BG 363	68.1 *	10-01	128	1.8	36
v Probst Public	67.9 *	9-29	126	1.3	34
v Charleston Public	67.3	10-02	129	1.3	23
v NE 3201 Public	66.5	9-27	124	2.3	34
v Defiance Public	64.4	9-25	122	1.5	34
v Williams 82 Public	63.9	10-03	130	2.5	40
b NG 5138STS	63.6	10-06	133	2.5	38
b BG 345	63.4	9-24	121	1.8	37
v Resnik Public	62.8	9-27	124	1.0	34
b NG 3809	62.8	10-04	131	1.8	34
v Saline Public	58.3	10-01	128	2.0	39
v Yale Public	56.9	10-03	130	1.5	35
v Pella 86 Public	54.0	9-26	123	1.0	31
Grand mean	66.6	10-01	128	1.6	35
BLSD (k=100)	9.6	2	2	0.8	3
C.V. (%)	9.6	3	1	33.0	7
<b>Maturity group IV (2000)</b>					
b NG 2140	70.3 *	10-06	133	2.0	34
v NE 3801 Public	66.5 *	10-01	128	2.8	40
v Flyer Public	64.1 *	9-30	127	1.3	35
b NG 9144	64.0 *	10-10	137	1.8	38
v Omaha Public	63.5 *	10-03	130	1.0	35
v Rend Public	63.2 *	10-07	134	3.5	41
Grand mean	65.3	10-05	132	2.1	37
BLSD (k=100)	ns	2	2	0.8	4
C.V. (%)	6.5	3	1	25.4	7

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

**Table 24 contd. Location 5, Jennings Co., soybean performance trials, conventional soybeans in no-tillage, 2000 results.**

Soil test for no-till conventional soybeans, maturity group III: pH 6.2, P 13 ppm (low), K 68 ppm (low).					
Soil test for no-till conventional soybeans, maturity group IV: pH 6.5, P 13 ppm (low), K 62 ppm (low).					
Date of planting: May 26, 2000.					
Date of harvest: October 12, 2000.					
(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend). Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.					
Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.					
(2) Yields followed by an asterisk (*) are not, statistically, significantly different from the highest yield in the sub-table.					
(3) 1 (erect) to 5 (flat).					
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**Table 25. Location 5, Jennings Co., Roundup Ready® soybean performance trials, in conventional tillage, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (1999-2000)</b>				
b L&M Glick 37RR	73.4 *	9-23	128	1.5
b Beck 372RR	72.3 *	9-23	128	2.3
b Beck 402RR	71.7 *	9-25	130	1.8
v AG3901 Asgrow	71.0 *	9-25	129	2.3
v DSR-381/RR	70.8 *	9-21	126	1.8
v DSR-363/RR	69.5 *	9-22	126	1.8
Grand mean	71.5	9-23	128	1.9
BLSD (k=100)	ns	1	1	ns
C.V. (%)	6.6	3	1	18.7

**Table 25 contd. Location 5, Jennings Co., Roundup Ready® soybean performance trials, in conventional tillage, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group IV (1999-2000)</b>				
v AG4301 Asgrow	71.2 *	9-30	136	1.6
v DSR-421/RR	70.3 *	9-30	137	1.6
b L&M Glick 40RR	69.1 *	9-30	136	1.9
b SC9438RR SeedCnslt	67.1 *	9-29	135	2.3
Grand mean	69.4	9-30	136	1.8
BLSD (k=100)	ns	1	1	ns
C.V. (%)	5.1	2	1	13.1

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Donald J. Biehle, superintendent.  
Soil type: Avonburg.  
(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).  
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.  
Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.  
(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.  
(3) 1 (erect) to 5 (flat).  
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**Table 26. Location 5, Jennings Co., Roundup Ready® soybean performance trials in conventional tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000)</b>					
v DSR-395/RR	84.1 *	9-27	138	2.0	36
b L&M Glick 3A7NRR	82.4 *	9-22	133	1.8	35
b L&M Glick 37RR	82.2 *	9-23	134	2.0	32
v DK B38-51 DeKalb	82.1 *	9-22	133	2.0	32
b Beck 402RR	81.9 *	9-25	136	2.5	33
b Beck 372RR	80.9 *	9-24	135	3.5	34
b L&M Glick 319RR	80.0 *	9-26	137	3.5	35
v DSR-363/RR	79.4 *	9-21	132	2.5	35
v DSR-381/RR	79.3 *	9-21	132	2.5	33
b BG 379RR	77.0 *	9-23	134	2.5	33
b D399RR/N Garst	76.6 *	9-24	135	2.3	37
v AG3901 Asgrow	74.4 *	9-25	136	3.5	35
Grand mean	80.0	9-24	135	2.5	34
BLSD (k=100)	9.9	3	3	0.9	2
C.V. (%)	5.9	3	1	23.1	4
<b>Maturity group IV (2000)</b>					
b SC 9441RR SeedCslt	81.8 *	10-03	144	3.5	42
v AG4301 Asgrow	81.5 *	10-03	144	2.3	35
v DSR-421/RR	81.0 *	10-03	144	2.3	39
b SC9438RR SeedCslt	79.7 *	10-02	143	3.5	37
v CX444CRR DeKalb	75.9 *	9-30	141	2.0	37
b L&M Glick 40RR	75.7 *	10-03	144	2.8	40
Grand mean	79.3	10-02	143	2.7	38
BLSD (k=100)	6.3	3	3	0.6	3
C.V. (%)	4.5	2	1	14.8	5

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Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test for Roundup Ready® soybeans, maturity group III: pH 6.6, P 20 ppm (medium), K 138 ppm (high).

Soil test for Roundup Ready® soybeans, maturity group IV: pH 7.1, P 19 ppm (low), K 127 ppm (medium).

Date of planting: May 12, 2000.

Date of harvest: October 12, 2000.

**Table 26 contd. Location 5, Jennings Co., Roundup Ready® soybean performance trials in conventional tillage, 2000 results.**

(1) Lower case letters indicate entry type as follows: v-variety, b-brand, or m-mixture (blend).

Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.

Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 27. Location 5, Jennings Co., Roundup Ready® soybean performance trials in no-tillage, two-year average (1999-2000).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (1999-2000)</b>					
b L&M Glick 37RR	64.3 *	9-25	128	1.4	37
v AG3901 Asgrow	62.9 *	9-29	132	2.3	42
b Beck 372RR	62.8 *	9-26	129	1.5	38
b Beck 402RR	59.6 *	9-26	129	1.4	38
b Beck 385NRR	56.1 *	9-24	127	2.3	41
Grand mean	61.1	9-26	129	1.8	39
BLSD (k=100)	ns	3	3	0.9	4
C.V. (%)	8.3	3	1	27.1	5
<b>Maturity group IV (1999-2000)</b>					
v AG4301 Asgrow	60.7 *	10-04	137	1.8	39
b L&M Glick 40RR	58.8 *	10-02	135	1.8	41
Grand mean	59.8	10-03	136	1.8	40
BLSD (k=100)	ns	ns	ns	ns	ns
C.V. (%)	4.4	1	1	22.7	4

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Donald J. Biehle, superintendent.

**Table 27 contd. Location 5, Jennings Co., Roundup Ready® soybean performance trials in no-tillage, two-year average (1999-2000).**

Soil type: Avonburg.

(1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).

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Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 28. Location 5, Jennings Co., Roundup Ready® soybean performance trials in no-tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group III (2000)</b>				
b L&M Glick 37RR	73.5 *	10-02	129	1.5 38
v AG3302 Asgrow	73.0 *	9-29	126	2.8 38
b Beck 402RR	71.3 *	10-04	131	1.8 38
b L&M Glick 3A7NRR	70.8 *	10-04	131	1.5 44
b L&M Glick 319RR	70.5 *	10-04	131	2.8 40
b Beck 372RR	70.2 *	10-03	130	1.5 37
v AG3901 Asgrow	68.4 *	10-04	131	2.8 41
b BG 379RR	67.8 *	10-02	129	1.5 37
v DK B38-51 DeKalb	67.3 *	10-02	129	1.8 36
v DK B32-51 DeKalb	65.6 *	10-04	131	1.0 36
b NG 1139R	64.5 *	9-26	123	1.0 35
b BG 355RR	61.7	10-01	128	1.5 40
b Beck 385NRR	53.9	10-01	128	2.8 39
Grand mean	67.6	10-02	129	1.9 38
BLSD (k=100)	9.8	ns	ns	0.6 5
C.V. (%)	9.0	8	4	25.2 8

**Table 28 contd. Location 5, Jennings Co., Roundup Ready® soybean performance trials in no-tillage, 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
<b>Maturity group IV (2000)</b>				
v AG4301 Asgrow	72.5 *	10-08	135	2.5 42
v S46-W8 NK	67.7 *	10-07	134	2.8 48
b NG 425R	67.0 *	10-04	131	2.8 43
b L&M Glick 40RR	66.1 *	10-06	133	2.5 42
b NG 1044R	65.3 *	10-08	135	2.3 43
v CX444CRR DeKalb	60.6 *	10-05	132	2.8 44
Grand mean	66.5	10-06	133	2.6 44
BLSD (k=100)	ns	2	2	ns 3
C.V. (%)	9.2	2	1	21.7 4

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Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test for no-till Roundup Ready® soybeans, maturity group III: pH 6.1, P 6 ppm (very low), K 62 ppm (low).

Soil test for no-till Roundup Ready® soybeans, maturity group IV: pH 6.4, P 5 ppm (very low), K 53 ppm (low).

Date of planting: May 26, 2000.

Date of harvest: October 12, 2000.

(1) Lower case letters indicate entry type as follows:  
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Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 29. Results of conventional soybeans in conventional tillage, maturity group II performance trials, at two Indiana locations (averaged across locations 1 and 2), 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (2000)</b>					
v Rupp RS 2499	66.2 *	9-07	124	1.0	27
v AP 2889 AgriPro	66.2 *	9-11	128	1.0	28
v Dwight Public	62.7 *	9-07	124	1.0	25
b Beck 289	62.7 *	9-09	125	1.3	26
v Kenwood 94 Public	62.3 *	9-05	121	1.5	29
v DSR-275	62.3 *	9-09	126	1.0	31
b C8275	61.1 *	9-08	124	1.0	27
v Jack Public	59.9 *	9-11	128	1.5	35
v Rupp RS 2345	58.8 *	9-06	123	1.0	23
v Sandusky Public	58.7 *	9-05	121	1.0	29
v Chapman Public	56.8 *	9-07	124	1.0	27
v Archer Public	55.7 *	8-30	116	1.1	27
v IA 2051 Public	54.4 *	9-05	121	1.0	28
Grand mean	60.6	9-07	123	1.1	28
BLSD (k=100)	ns	6	6	0.8	3
C.V. (%)	7.4	3	1	23.9	8

- (1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).  
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Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.
- (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.
- (3) 1 (erect) to 5 (flat).  
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**Table 30. Results of conventional soybeans in conventional tillage, maturity group III performance trials at four Indiana locations (averaged across locations 1, 2, 4 and 5), 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000)</b>					
v General Public	67.7 *	9-16	129	2.3	32
v Maverick Public	67.7 *	9-19	133	2.3	41
v Probst Public	63.8 *	9-15	129	2.2	32
v Charleston Public	61.9 *	9-14	128	1.4	23
v Yale Public	61.9 *	9-18	132	1.9	33
v NE 3201 Public	61.5 *	9-12	126	2.0	30
v Athrow Public	61.0 *	9-11	125	1.8	29
v Resnik Public	59.9 *	9-13	127	1.9	33
v Saline Public	59.8 *	9-19	132	2.0	37
v Defiance Public	58.0 *	9-14	128	2.1	33
v Williams 82 Public	56.0 *	9-21	134	2.4	39
v Pella 86 Public	51.0 *	9-10	123	1.6	31
Grand mean	60.9	9-15	129	2.0	33
BLSD (k=100)	18.2	2	2	0.7	3
C.V. (%)	9.0	4	1	21.6	9

- (1) Lower case letters indicate entry type as follows:  
v-variety, b-brand, or m-mixture (blend).  
Public entries were developed by Agricultural Experiment Stations (Indiana Agricultural Research Programs) or in cooperation with the Agricultural Research Service of the USDA.  
Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.
- (2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.
- (3) 1 (erect) to 5 (flat).  
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**Table 31. Results of Roundup Ready® soybeans in conventional tillage, maturity group II performance trials, at two Indiana locations (averaged across locations 1 and 2), 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group II (2000)</b>					
v Rupp RS 4265RR	66.2 *	9-07	124	1.0	29
v AP 2949RRN AgriPro	65.6 *	9-10	127	1.0	35
v S29-C9 NK	64.5 *	9-09	125	1.4	36
v DSR-272/RR	63.7 *	9-07	124	1.0	29
v C9284RR	62.8 *	9-09	126	1.1	33
v Rupp RS 4241RR	61.8 *	9-07	123	1.0	26
v Rupp RS 4289RR	61.3 *	9-12	129	1.0	33
Grand mean	63.7	9-09	125	1.1	32
B LSD (k=100)	ns	2	2	ns	5
C.V. (%)	10.3	3	1	17.6	8

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(1) Lower case letters indicate entry type as follows:

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Proprietary names are company or brand names generally associated in the trade with variety, brand, or blend names.

(2) Yields followed by an asterisk (\*) are not, statistically, significantly different from the highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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**Table 32. Results of Roundup Ready® soybeans in conventional tillage, maturity group III performance trials, at two Indiana locations (averaged across locations 2 and 3), 2000 results.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
<b>Maturity group III (2000)</b>					
v AG3302 Asgrow	76.6 *	9-16	132	1.4	32
b Beck 323RR	74.7 *	9-16	132	1.0	29
v DSR-363/RR	74.6 *	9-22	138	1.0	32
b D355RR Garst	73.1 *	9-19	135	1.1	33
v DK B38-51 DeKalb	72.4 *	9-23	139	1.0	30
b Beck 352RR	72.3 *	9-20	136	1.5	32
b Beck 372RR	72.3 *	9-26	142	1.4	34
v DK B35-51 DeKalb	71.7 *	9-18	134	1.0	30
v DSR-381/RR	71.2 *	9-22	138	1.1	33
v AP 3385RRN AgriPro	70.6 *	9-23	139	1.0	30
v AP 3510 AgriPro	69.9 *	9-19	135	1.4	33
v C3333RR	69.6 *	9-17	133	1.0	28
v DSR-303/RR	69.3 *	9-12	128	1.1	29
v C3505RR	69.0 *	9-18	134	1.0	32
v DSR-395/RR	68.7 *	9-27	143	1.0	34
v DSR-321/RR	68.5 *	9-17	133	1.1	32
v C3767RR	68.4 *	9-20	136	1.0	33
v DSR-357/RR	67.9 *	9-24	140	1.0	31
v AG3003 Asgrow	67.3 *	9-15	131	1.0	31
v AG3702 Asgrow	67.2 *	9-21	137	1.0	32
v DSR-327/RR	67.1 *	9-17	133	1.1	35
b Vigoro V352 NRR	66.7 *	9-20	136	1.0	34
b D370RR Garst	63.4 *	9-22	138	1.1	33
v DK B36-51 DeKalb	62.0 *	9-20	136	1.0	34
Grand mean	69.8	9-20	136	1.1	32
B LSD (k=100)	ns	3	3	0.6	5
C.V. (%)	7.3	4	1	27.4	7

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(1) Lower case letters indicate entry type as follows:

v-variety, b-brand, or m-mixture (blend).

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**Table 32 contd. Results of Roundup Ready®  
soybeans in conventional tillage,  
maturity group III performance  
trials, at two Indiana locations  
(averaged across locations 2 and  
3), 2000 results.**

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(2) Yields followed by an asterisk (\*) are not,  
statistically, significantly different from the  
highest yield in the sub-table.

(3) 1 (erect) to 5 (flat).

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