

**Table 1. Location 1, Porter Co., Soybean Test,
Three-year Average (1995-1997).**

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

v DSR-244	61.3 *	9-25	120	1.2	29
b Gen-Tech 2596	58.6 *	9-24	119	1.0	29
v LG 6275	58.3 *	9-27	122	1.0	28
b Callahan 4277	56.4 *	9-24	119	1.2	31
v Pioneer var. 9281	56.4 *	9-25	120	1.1	27
v Jack Public	56.1 *	9-28	123	1.7	38
b Callahan 5290	55.4 *	9-27	122	1.3	34
v DSR-277	54.6 *	9-27	122	1.1	30
v DSR-250/STS	54.0 *	9-28	123	1.0	29
b TS 294 Terra	53.9 *	9-26	121	1.1	33
v Countrymrk 215	53.5 *	9-23	118	1.0	36
b Beck 291	53.0 *	9-27	122	1.0	34
v CX289 DeKalb	52.1 *	9-25	120	1.0	33
v Kenwood94 Public	51.4 *	9-22	117	1.8	30
b TS 253 Terra	51.4 *	9-25	120	1.0	27
v Chapman Public	50.5	9-26	121	1.3	31
b LP 290	50.3	9-26	121	1.1	32
v Burlison Public	49.2	9-26	121	1.1	30
v Archer Public	47.7	9-21	116	1.0	31
Grand mean	53.9	9-25	120	1.2	31
BLSD (k=100)	10.1	4	4	0.3	2
C.V. (%)	12.3	3	2	25.8	5

Maturity Group III

v CX314 DeKalb	52.8 *	10-01	126	1.0	32
b Beck 310	52.5 *	10-02	127	1.0	33
b TS 315 Terra	52.2 *	10-02	127	1.1	34
v Pioneer var. 9352	51.5 *	10-02	127	1.1	32
v DSR-325	51.5 *	10-03	128	1.2	34
v CX313 DeKalb	50.4 *	10-02	127	1.3	36
v Probst Public	49.8 *	10-02	127	1.3	33
v Thorne Public	49.6 *	10-03	128	1.1	32
v DSR-350/STS	49.2	10-03	128	1.1	34
v Yale Public	46.9	10-05	130	1.2	34
v Resnik Public	45.9	10-01	126	1.2	34
v Edison Public	45.3	10-02	127	1.1	32
v Pella 86 Public	41.5	9-29	124	1.1	33
v Williams 82 Public	40.1	10-05	130	2.0	39
Grand mean	48.5	10-02	127	1.2	34
BLSD (k=100)	3.6	3	3	0.2	2
C.V. (%)	7.2	3	1	24.8	5

**Table 1. Location 1, Porter Co., Soybean Test,
Three-year Average (1995-1997), contd.**

- (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 2. Location 1, Porter Co., Soybean Test,
Two-year Average (1996-1997).**

Entry Type and Name	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Groups I and II				
v LG 6275	61.0 *	9-30	123	1.0 25
v DSR-300	61.0 *	10-01	124	1.3 30
v DSR-277	57.3 *	9-30	122	1.0 27
v DSR-244	57.2 *	9-27	120	1.0 26
b Gen-Tech 2596	57.0 *	9-27	120	1.0 27
v DSR-246/STS	56.5 *	9-29	122	1.0 26
v Jack Public	56.3 *	10-01	124	1.8 35
b Callahan 7282	55.3 *	9-28	121	1.0 26
v Pioneer var. 9281	55.2 *	9-28	120	1.0 25
b Callahan 5290	55.1 *	9-30	122	1.4 31
v DSR-250/STS	55.0 *	10-01	123	1.0 26
v Countrymrk 297	54.9 *	10-02	124	1.3 32
b Callahan 4277	53.8 *	9-28	120	1.1 29
v CX289 DeKalb	53.7 *	9-28	121	1.0 32
b Beck 291	53.6 *	10-01	123	1.0 31
b LP 290	53.3	9-30	122	1.0 30
v CX267 DeKalb	52.3	9-28	121	1.1 29
b TS 294 Terra	51.7	9-29	122	1.1 30
b TS 253 Terra	51.4	9-29	121	1.0 24
v CX278 DeKalb	51.0	9-29	122	1.1 28
b BG S 292	50.9	10-01	124	1.4 31
v Archer Public	50.8	9-26	118	1.0 29
v Countrymrk 215	50.2	9-26	119	1.0 33
v Kenwood94 Public	49.9	9-26	118	1.6 27
v Countrymrk 246	48.9	9-27	120	1.4 31
v Chapman Public	48.3	9-29	122	1.1 28
v Burlison Public	47.3	9-28	121	1.0 28

**Table 2. Location 1, Porter Co., Soybean Test,
Two-year Average (1996-1997), contd.**

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

Grand mean	53.7	9-29	121	1.1	29
B LSD (k=100)	7.5	ns	ns	0.6	3
C.V. (%)	7.1	4	2	23.3	5

Maturity Group III

b AgraTech AT 324	55.2 *	10-09	132	1.3	33
v CX314 DeKalb	52.4 *	10-06	128	1.0	31
b BG S 339	52.4 *	10-09	131	1.0	30
b Beck 310	52.2 *	10-05	127	1.0	30
b Beck 334	52.1 *	10-08	130	1.0	31
b TS 315 Terra	51.8 *	10-05	128	1.0	31
b Beck 342	51.8 *	10-09	132	1.0	29
v Gold. Hrv. H-1337	51.5 *	10-08	130	1.0	31
v DSR-325	51.4 *	10-08	130	1.0	31
b TS 357 Terra	51.4 *	10-09	132	1.0	29
b TS 364 Terra	51.3 *	10-07	130	1.0	28
v Gold. Hrv. H-1351	51.3 *	10-08	131	1.0	28
v DSR-314/STS	51.0	10-07	129	1.0	30
v Pioneer var. 9306	50.9	10-04	126	1.0	27
v Probst Public	50.2	10-06	129	1.1	29
v Pioneer var. 9352	49.8	10-06	128	1.0	28
v Athow Public	49.7	10-04	126	1.0	28
v CX313 DeKalb	49.4	10-07	130	1.3	34
v DSR-350/STS	49.3	10-07	129	1.0	30
v Thorne Public	48.8	10-08	130	1.0	29
v Yale Public	48.7	10-09	131	1.0	31
v Resnik Public	45.6	10-06	128	1.0	30
v Edison Public	44.7	10-06	129	1.0	28
v Pella 86 Public	41.7	10-03	125	1.0	30
v Williams 82 Public	40.9	10-09	131	1.9	35
Grand mean	49.8	10-07	129	1.1	30
B LSD (k=100)	4.1	5	5	0.2	2
C.V. (%)	7.5	3	2	15.5	5

**Table 2. Location 1, Porter Co., Soybean Test,
Two-year Average (1996-1997), contd.**

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v-variety, b-brand, or m-mixture (blend).
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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., 1997 Soybean
Test**

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

v LG 6275	75.1 *	9-26	136	1.0	27
v DSR-300	71.8 *	9-28	138	1.5	35
v DSR-277	71.0 *	9-26	136	1.0	32
b TS 266 Terra	70.8 *	9-22	132	1.0	28
b TS 277 Terra	69.3	9-24	134	1.0	28
b Garst D284	68.6	9-23	133	1.3	32
b Garst D278	68.5	9-24	134	1.0	29
b LP 282	68.4	9-27	137	1.0	32
b Beck 281	67.9	9-26	136	1.3	34
v Pioneer var. 9281	67.8	9-20	130	1.0	27
v DSR-244	67.7	9-21	131	1.0	28
b Diener DB 289	67.5	9-26	136	1.0	31
b Gen-Tech 2596	67.4	9-19	129	1.0	28
v DSR-250/STS	67.3	9-26	136	1.0	29
b TS 253 Terra	67.2	9-21	131	1.0	27
v DSR-246/STS	67.1	9-23	133	1.0	29
v LG 6279	66.6	9-24	134	1.0	32
b Callahan 7282	65.6	9-23	133	1.0	29
v Flint Public	65.2	9-23	133	1.5	29
b BG S 252	65.2	9-27	137	1.0	34
v Jack Public	64.8	9-27	137	2.0	39
v Countrymrk HT2383	64.5	9-19	129	1.3	32
v CX267 DeKalb	64.2	9-23	133	1.3	32
b Callahan 5290	63.9	9-25	135	1.0	33

Table 3. Location 1, Porter Co., 1997 Soybean Test, continued

Entry Type and Name	Yield (1)	Maturity est.(2)	Lodging Date	Plant -Days	Test score(3)	Plant height in.
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Maturity Groups I and II, continued

v DSR-293/RR	63.8	9-23	133	1.3	31
b Callahan 4277	63.5	9-20	130	1.3	32
b BG S 292	63.5	9-26	136	1.0	33
v DSR-271/RR	63.2	9-22	132	1.0	30
v CX278 DeKalb	62.9	9-24	134	1.3	33
b LP 261	62.8	9-26	136	1.0	36
b LP 290	62.2	9-25	135	1.0	34
v CX289 DeKalb	62.2	9-25	135	1.0	35
v Sandusky Public	61.9	9-25	135	1.3	33
b Beck 291	61.9	9-25	135	1.0	35
b TS 294 Terra	61.7	9-25	135	1.3	34
b LP 250	61.5	9-23	133	1.3	28
b Gen-Tech 2995	61.4	9-24	134	1.0	35
v Countrymrk 297	61.4	9-28	138	1.5	36
v Kenwood94 Public	61.1	9-17	127	1.8	32
v Countrymrk 215	60.8	9-18	128	1.0	37
v Chapman Public	60.2	9-22	132	1.3	31
v Archer Public	58.3	9-17	127	1.0	32
v Countrymrk 246	56.9	9-19	129	1.3	34
v Burlison Public	56.0	9-21	131	1.0	30

Grand mean	64.8	9-23	133	1.2	32
BLSD (k=100)	5.4	2	2	0.5	2
C.V. (%)	5.9	3	1	26.9	4

Maturity Group III

b Gen-Tech 3597	77.6 *	10-03	143	1.0	35
b Diener DB 336	76.9 *	10-03	143	1.0	34
b TS 317 Terra	76.1 *	9-28	138	1.0	31
b Callahan 6330	75.7 *	10-04	144	1.0	34
v Pioneer var. 93B82	74.8 *	10-02	142	1.0	33
b LP 333	74.3 *	10-03	143	1.0	34
v Pioneer var. 93B41	72.8 *	9-28	138	1.0	30
b AgraTech AT 324	70.8	10-03	143	1.3	37
v Gold. Hrv. H-1362	70.3	10-04	144	1.3	37
b Callahan 7317	70.2	9-27	137	1.0	32
v Gold. Hrv. H-1316	70.1	9-28	138	1.0	32
b Beck 351	69.0	10-01	141	1.0	35
v Gold. Hrv. H-1365	69.0	10-05	145	1.0	37
b Beck 386	68.8	10-04	144	1.0	33
b TS 364T Terra	68.0	9-30	140	1.3	34
b Beck 310	67.5	9-27	137	1.0	34
v CX348 DeKalb	67.5	10-02	142	1.0	32
b BG S 339	67.2	10-04	144	1.0	36
b LP 331	67.0	10-02	142	1.0	35
b TS 364 Terra	67.0	10-02	142	1.0	31
v CX314 DeKalb	66.9	9-26	136	1.0	34

Table 3. Location 1, Porter Co., 1997**Soybean Test, continued.**

Entry Type and Name	Yield (1)	Maturity est.(2) bu./A.	Lodging Date	Plant -Days score(3)	height in.
Maturity Group III, continued					
b Beck 334		66.8	10-01	141	1.0 35
b Beck 342		66.7	10-02	142	1.0 33
v Pioneer var. 9306		66.4	9-27	137	1.0 30
v CX313 DeKalb		66.4	9-30	140	1.0 38
v Rupp RS 2535		66.2	9-27	137	1.0 34
v Gold. Hrv. H-1337		66.2	9-30	140	1.0 36
v DSR-314/STS		65.8	9-28	138	1.0 34
v Thorne Public		65.6	9-30	140	1.0 34
v Gold. Hrv. H-1351		65.5	10-02	142	1.0 33
v DSR-325		64.9	10-02	142	1.0 35
b TS 357 Terra		64.8	10-03	143	1.0 32
v Pioneer var. 9352		64.7	9-28	138	1.0 32
b LP 311		64.6	9-26	136	1.0 34
v DSR-350/STS		64.3	9-29	139	1.0 34
b TS 315 Terra		64.2	9-26	136	1.0 35
v Probst Public		64.2	9-28	138	1.3 33
b S 363 Corn Belt		63.5	9-29	139	1.0 35
v Athow Public		63.2	9-26	136	1.0 31
b Diener DB 304		62.9	9-27	137	1.0 34
v Defiance Public		62.0	9-26	136	1.0 33
v Yale Public		61.4	10-04	144	1.0 36
v Edison Public		61.3	9-29	139	1.0 33
v CX368 DeKalb		60.4	9-30	140	1.3 35
v IA 3005 Public		59.6	9-29	139	1.0 33
v Resnik Public		59.0	9-26	136	1.0 35
v Pella 86 Public		55.6	9-26	136	1.0 33
v Harper 87 Public		52.9	9-28	138	1.5 34
v Williams 82 Public		51.8	10-03	143	2.0 40
Grand mean		66.3	9-30	140	1.1 34
B LSD (k=100)		5.9	2	2	0.3 2
C.V. (%)		6.6	2	1	17.0 5

Conducted on the Pinney-Purdue Agricultural Center,
Wanatah.

Jon D. Leuck, superintendent.

Soil type: Runnymede loam.

Soil test for Maturity groups I and II: pH 6.6,

P 21 ppm (high), K 150 ppm (high).

Soil test for Maturity Group III: pH 6.6, P 20 ppm (high), K 152 (very high).

Date of planting: May 13, 1997.

Date of harvest for Maturity Groups I and II: October
3, 1997.

Date of harvest for Maturity Group III: October 10,

Table 3. Location 1, Porter Co., 1997**Soybean Test, contined.**

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highest yield in the sub-table.
- (3) 1 (erect) to 5 (flat).
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**Table 4. Location 2, Tippecanoe Co., Soybean
Test, Three-year Average (1995-1997).**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group II				
v Pioneer var. 9281	52.8 *	9-20	106	1.0 31
v DSR-277	52.7 *	9-22	108	1.0 30
b TS 253 Terra	51.9 *	9-19	105	1.1 28
b Beck 292	51.1 *	9-23	109	1.2 32
b M-9528	51.0 *	9-21	107	1.1 34
v LG 6298	51.0 *	9-23	109	1.1 34
b Callahan 5290	51.0 *	9-23	109	1.0 34
v Trisoy 2971	50.9 *	9-20	105	1.2 33
v CX289 DeKalb	49.3 *	9-22	107	1.2 34
v Chapman Public	49.1 *	9-21	107	1.0 30
b TS 294 Terra	49.0 *	9-21	106	1.1 32
v Jack Public	47.0	9-21	107	1.3 39
v Burlison Public	45.9	9-22	108	1.1 30
v Kenwood94 Public	45.4	9-16	102	1.1 30
v Archer Public	41.4	9-16	102	1.0 32
Grand mean	49.3	9-21	106	1.1 32
BLSD (k=100)	4.2	4	4	ns 4
C.V. (%)	8.8	3	1	20.7 8

Maturity Group III

v Pioneer var. 9352	51.6 *	9-25	110	1.0 32
b AgraTech AT 362	51.1 *	9-28	113	1.1 36
v DSR-325	50.6 *	9-26	111	1.2 34
v Trisoy 3252	50.5 *	9-25	110	1.0 32
b Beck 310	50.3 *	9-25	110	1.0 33

Table 4. Location 2, Tippecanoe Co., Soybean Test, Three-year Average (1995-1997). continued

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days	Plant height score(3)	Plant height
	bu./A.				in.
Maturity Group III, continued					
v DSR-317	50.0 *	9-28	113	1.4	38
v DSR-373	49.6 *	9-28	113	1.0	34
v Yale Public	49.1 *	9-28	113	1.0	33
v CX377 DeKalb	48.9 *	9-29	114	1.0	37
b P.S.F. 368A	48.7 *	9-28	113	1.0	36
b TS 315 Terra	48.5 *	9-24	109	1.0	32
v Probst Public	48.4 *	9-26	111	1.0	31
v DSR-370/STS	48.4 *	9-29	114	1.6	40
v Thorne Public	48.1 *	9-26	111	1.0	32
v CX314 DeKalb	48.0 *	9-24	109	1.0	31
v Edison Public	47.7	9-28	113	1.0	31
v Resnik Public	47.4	9-25	110	1.0	31
b P.S.F. 350N	47.4	9-28	113	1.0	34
v CX313 DeKalb	47.3	9-24	109	1.1	34
v CX368 DeKalb	46.6	9-28	113	1.0	33
v Williams 82 Public	43.3	9-30	115	1.4	39
v Pella 86 Public	41.2	9-22	107	1.0	32
Grand mean	48.3	9-27	112	1.1	34
B LSD (k=100)	3.7	2	2	0.5	2
C.V. (%)	7.9	2	1	20.1	6

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

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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., Soybean
Test Two-year Average(1996-1997).**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group II				
v DSR-300	54.1 *	9-26	112	1.0 31
v DSR-277	52.7 *	9-24	110	1.0 27
v Pioneer var. 9281	51.5 *	9-21	107	1.0 29
v CX278 DeKalb	51.4 *	9-22	108	1.0 31
v LG 6298	51.4 *	9-25	111	1.1 31
b M-9528	51.3 *	9-23	109	1.0 31
b Callahan 5290	50.9 *	9-24	110	1.0 30
b Beck 292	50.5 *	9-25	111	1.3 29
v Trisoy 2971	50.3 *	9-21	107	1.1 30
b TS 253 Terra	50.2 *	9-20	106	1.1 26
b TS 294 Terra	50.0 *	9-23	109	1.1 30
b Callahan 7282	49.8 *	9-22	108	1.0 30
b BG S 292	49.8 *	9-26	112	1.1 30
b Callahan 4277	49.4 *	9-20	106	1.1 30
b P.S.F. 286	49.1 *	9-25	111	1.1 29
v CX289 DeKalb	48.5 *	9-23	109	1.3 32
v Countrymrk 297	48.5 *	9-27	113	1.0 30
v Chapman Public	47.9 *	9-22	108	1.0 28
v Jack Public	47.4 *	9-22	108	1.0 35
b P.S.F. 256	47.1 *	9-23	109	1.0 30
v Countrymrk 246	46.1 *	9-19	105	1.1 30
v Burlison Public	45.3 *	9-23	109	1.1 27
v Kenwood94 Public	44.7	9-19	105	1.1 28
v Archer Public	43.2	9-19	105	1.0 29
Grand mean	49.2	9-23	109	1.1 30
BLSD (k=100)	9.2	5	5	ns 7
C.V. (%)	9.3	3	1	22.3 9
Maturity Group III				
b Beck 395	59.2 *	10-03	119	1.0 30
v Pioneer var. 9306	59.1 *	9-24	110	1.1 28
b Callahan 7317	58.7 *	9-26	111	1.0 27
b Beck 419	58.7 *	10-04	120	1.3 37
b Parke 3696	56.8 *	10-01	116	1.0 29
b Garst D331	56.6 *	9-26	112	1.0 30
b AgraTech AT 324	56.5 *	10-01	116	1.4 33
v Countrymrk 376	56.0 *	9-28	114	1.1 29
v Trisoy 3252	55.9 *	9-28	114	1.0 30
b Beck 342	55.6 *	10-01	116	1.0 29
v DSR-317	55.4 *	10-02	117	1.6 37
v DSR-325	55.0 *	9-29	115	1.3 32
v Trisoy 3450	55.0 *	9-29	114	1.1 35
b AgraTech AT 362	54.9 *	10-01	116	1.1 33
b Beck 310	54.8 *	9-28	113	1.0 30

**Table 5. Location 2, Tippecanoe Co., Soybean
Test Two-year Average(1996-1997)
continued.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
Maturity Group III, continued					
b Callahan 6330	54.7 *	9-29	114	1.3	29
b TS 364 Terra	54.3 *	9-30	116	1.0	28
b BG S 339	54.3 *	10-02	118	1.0	30
b TS 357 Terra	54.2	9-30	115	1.0	29
v Pioneer var. 9352	54.0	9-28	113	1.0	30
v DSR-314/STS	53.5	9-28	114	1.1	30
b TS 315 Terra	53.0	9-26	112	1.0	30
v DSR-373	53.0	9-30	116	1.0	32
b P.S.F. 368A	53.0	10-01	117	1.0	34
v CX314 DeKalb	52.9	9-27	112	1.0	29
b M-9733	52.6	9-28	114	1.0	31
v Thorne Public	52.5	9-29	115	1.0	30
b P.S.F. 376	52.4	10-03	118	1.1	32
v DSR-370/STS	52.2	10-02	118	1.5	38
b Beck 334	51.8	9-28	113	1.0	31
v Probst Public	51.7	9-28	113	1.0	29
v CX377 DeKalb	51.6	10-02	118	1.0	35
v CX368 DeKalb	51.4	9-30	116	1.0	31
v Yale Public	51.3	9-30	115	1.0	31
b P.S.F. 350N	51.1	10-01	116	1.0	32
v Athow Public	51.0	9-27	112	1.0	27
v CX313 DeKalb	51.0	9-27	113	1.1	32
v Countrymrk 347	51.0	9-30	115	1.4	34
v Resnik Public	50.5	9-28	113	1.0	29
v Edison Public	50.5	9-30	116	1.0	29
v Gold. Hrv. H-1322	50.2	9-27	113	1.0	30
v Williams 82 Public	45.9	10-02	118	1.3	36
v Pella 86 Public	44.4	9-25	110	1.0	30
Grand mean	53.4	9-29	115	1.1	31
B LSD (k=100)	5.0	3	3	ns	3
C.V. (%)	7.1	2	1	22.3	6

(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 5. Location 2, Tippecanoe Co., Soybean
Test Two-year Average(1996-1997)
continued.**

(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 6. Location 2, Tippecanoe Co.,
1997 Soybean Test.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group II				
b TS 277 Terra	62.0 *	9-16	117	1.0 27
v LG 6298	60.7 *	9-20	121	1.0 29
b CFS 290	60.1 *	9-18	119	1.0 25
v Sandusky Public	59.7 *	9-16	117	1.0 31
v Trisoy 2971	58.9 *	9-15	116	1.0 29
b Parke 3096	58.4 *	9-20	121	1.0 29
v DSR-300	58.0 *	9-20	121	1.0 31
v Pioneer var. 9281	57.5 *	9-15	116	1.0 25
v DSR-277	57.5 *	9-18	119	1.0 29
v Countrymrk 297	57.3 *	9-19	120	1.0 30
v CX267 DeKalb	56.9 *	9-12	113	1.0 31
v Trisoy 2770	56.9 *	9-17	118	1.0 25
b BG S 292	56.7 *	9-20	121	1.0 30
v Countrymrk HT2383	56.5 *	9-12	113	1.0 30
b Beck 281	56.4 *	9-18	119	1.0 30
v CX278 DeKalb	56.3	9-15	116	1.0 28
b M-9528	56.2	9-17	118	1.0 31
b Callahan 5290	56.1	9-17	118	1.0 32
b BG S 312	55.9	9-20	121	1.0 34
b Adler 270	55.8	9-15	116	1.0 28
b TS 266 Terra	55.3	9-15	116	1.0 25
b Beck 292	55.2	9-18	119	1.0 30
v CX289 DeKalb	54.9	9-17	118	1.0 32
b M-9728	54.7	9-19	120	1.0 28
v Jack Public	54.4	9-18	119	1.0 37
b P.S.F. 256	54.4	9-18	119	1.0 32
b TS 253 Terra	54.3	9-13	114	1.0 24
b Callahan 7282	54.2	9-15	116	1.0 29
v Flint Public	53.5	9-15	116	1.0 27
v DSR-293/RR	53.5	9-16	117	1.0 30
b TS 294 Terra	52.6	9-17	118	1.0 29
v Chapman Public	52.2	9-16	117	1.0 29
v DSR-271/RR	51.8	9-15	116	1.0 30
b P.S.F. 286	51.4	9-19	120	1.0 28

**Table 6. Location 2, Tippecanoe Co.,
1997 Soybean Test, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group II, continued					
b Callahan 4277	51.2	9-14	115	1.0	30
v Countrymrk 215	50.5	9-12	113	1.0	33
v Burlison Public	50.0	9-16	117	1.0	28
v Kenwood94 Public	49.9	9-12	113	1.0	28
v Countrymrk 246	48.1	9-12	113	1.0	30
v Archer Public	45.7	9-07	108	1.0	29
Grand mean	55.0	9-16	117	1.0	29
B LSD (k=100)	5.7	1	1	ns	2
C.V. (%)	6.9	2	1		5

Maturity Group III

v Gold. Hrv. H-1316	63.2 *	9-21	121	1.0	26
v Pioneer var. 93B82	63.2 *	9-24	124	1.0	31
v Gold. Hrv. H-1383	62.4 *	9-29	129	1.0	30
b TS 317 Terra	62.3 *	9-19	119	1.0	28
v LG 6395	62.2 *	9-27	127	1.0	28
v Pioneer var. 9306	62.1 *	9-16	116	1.0	27
v CX348 DeKalb	61.9 *	9-23	123	1.0	29
b Garst D331	61.6 *	9-19	119	1.0	30
b Garst D308	61.4 *	9-17	117	1.0	25
v Countrymrk 376	61.3 *	9-24	124	1.0	29
b Callahan 7317	60.7 *	9-19	119	1.0	27
b Diener DB 336	60.7 *	9-24	124	1.0	30
v Gold. Hrv. H-1394	60.7 *	9-28	128	1.0	30
b TS 364 Terra	60.6 *	9-26	126	1.0	29
v Pioneer var. 93B41	60.5 *	9-22	122	1.0	29
b Parke 3696	60.5 *	9-24	124	1.0	31
b Beck 351	60.3 *	9-24	124	1.0	30
b Beck 395	60.3 *	9-28	128	1.0	29
b AgraTech AT 335	60.2 *	9-23	123	1.0	29
b P.S.F. 317	59.8 *	9-20	120	1.0	30
b Beck 419	59.7 *	9-28	128	1.0	35
v Pioneer var. 9352	59.1 *	9-22	122	1.0	29
b P.S.F. 327	59.1 *	9-23	123	1.0	29
v CX399 DeKalb	58.9 *	9-26	126	1.0	34
b Adler 332	58.8 *	9-23	123	1.0	30
v Trisoy 3672	58.8 *	9-23	123	1.0	31
b P.S.F. 368A	58.8 *	9-25	125	1.0	34
v Gold. Hrv. H-1365	58.8 *	9-26	126	1.0	32
v Trisoy 3450	58.5 *	9-22	122	1.0	32
b AgraTech AT 324	58.5 *	9-23	123	1.0	32
v LG 6369	58.5 *	9-23	123	1.0	30
v DSR-325	58.4 *	9-22	122	1.0	32

**Table 6. Location 2, Tippecanoe Co.,
1997 Soybean Test, continued.**

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

b TS 364T Terra	58.4 *	9-23	123	1.0	29
b Beck 342	58.2 *	9-24	124	1.0	29
b M-9439	58.2 *	9-24	124	1.0	36
v Trisoy 3252	58.1 *	9-22	122	1.0	29
b BG S 345	58.1 *	9-23	123	1.0	33
v DSR-317	57.8	9-25	125	1.0	34
v DSR-370/STS	57.8	9-27	127	1.0	38
b TS 315 Terra	57.6	9-20	120	1.0	29
v Gold. Hrv. H-1322	57.6	9-22	122	1.0	31
v DSR-314/STS	57.2	9-20	120	1.0	30
v Countrymrk HT322	57.2	9-22	122	1.0	30
v CX377 DeKalb	57.2	9-26	126	1.0	32
b Beck 386	57.2	9-27	127	1.0	31
v CX314 DeKalb	57.1	9-19	119	1.0	29
b BG S 339	57.1	9-26	126	1.0	30
b Parke 3296	57.0	9-23	123	1.0	29
b AgraTech AT 362	56.8	9-26	126	1.0	32
b Diener DB 377	56.7	9-29	129	1.0	31
v Countrymrk 347	56.6	9-23	123	1.0	32
b CFS 333	56.3	9-21	121	1.0	31
b P.S.F. 337N	56.3	9-22	122	1.0	33
b S 363 Corn Belt	56.3	9-22	122	1.0	31
v Countrymrk 365	55.8	9-25	125	1.0	30
b P.S.F. 376	55.8	9-26	126	1.0	31
b Adler 356	55.8	9-28	128	1.0	31
b Diener DB 304	55.7	9-20	120	1.0	29
b M-9733	55.7	9-21	121	1.0	31
b Callahan 6330	55.7	9-23	123	1.0	27
b Beck 310	55.6	9-21	121	1.0	29
v IA 3005 Public	55.4	9-23	123	1.0	29
v Probst Public	55.2	9-20	120	1.0	29
v Thorne Public	55.2	9-22	122	1.0	30
v DSR-373	55.1	9-22	122	1.0	33
b P.S.F. 350N	55.1	9-24	124	1.0	33
v CX368 DeKalb	55.0	9-24	124	1.0	31
v Yale Public	55.0	9-25	125	1.0	33
b TS 357 Terra	54.8	9-23	123	1.0	28
b M-Resister	54.8	9-25	125	1.0	31
b CFS 325	54.7	9-18	118	1.0	25
v Resnik Public	54.5	9-20	120	1.0	29
v Rupp RS 2535	54.5	9-21	121	1.0	27
b AgraTech AT 310	54.1	9-19	119	1.0	30
b Beck 334	54.1	9-21	121	1.0	31
v Edison Public	53.8	9-23	123	1.0	29
v CX313 DeKalb	53.7	9-22	122	1.0	31

**Table 6. Location 2, Tippecanoe Co.,
1997 Soybean Test, continued.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Maturity Group III, continued				
v Athow Public	51.7	9-19	119	1.0 26
v Williams 82 Public	50.4	9-27	127	1.0 36
v Harper 87 Public	50.3	9-22	122	1.0 29
b P.S.F. 312	50.2	9-18	118	1.0 28
v Defiance Public	48.6	9-18	118	1.0 29
v Pella 86 Public	46.1	9-16	116	1.0 28
Grand mean	57.3	9-23	123	1.0 30
BLSD (k=100)	5.2	1	1	ns 2
C.V. (%)	6.1	2	1	6

Conducted on the Purdue University Agronomy
Research Center, Lafayette.

James J. Beaty III, superintendent.

Soil type: Chalmers clay loam.

Soil test for Maturity Group II: pH 6.4, P 9 ppm
(low), K 115 ppm (high).

Soil test for Maturity Group III: pH 6.2, P 13 ppm
(medium), K 184 ppm (very high).

Date of planting for Maturity Group II: May 22,
1997.

Date of planting for Maturity Group III: May 23,
1997.

Date of harvest for Maturity Group II: September 26,
1997.

Date of harvest for Maturity Group III: October 4,
1997.

(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.

(3) 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., 1997
Transgenic (Roundup Ready®)
Soybean Test.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Ranked by yield				
b Beck 302RR	55.2 *	9-21	130	1.0 36
v DSR-351/RR	54.1 *	9-22	131	1.0 31
b Beck 390RR	50.8 *	9-26	135	1.3 34
v DSR-271/RR	49.9	9-12	121	1.0 30
b Beck 340RR	49.2	9-20	129	1.0 36
b Beck 370RR	48.0	9-24	133	1.6 37
v DSR-293/RR	46.0	9-13	122	1.1 32
Grand mean	50.5	9-20	129	1.1 34
BLSD (k=100)	5.1	3	3	0.3 4
C.V. (%)	9.4	6	2	25.9 11

Conducted on the Purdue University Agronomy Research Center, Lafayette.

James J. Beaty III, superintendent.

Soil type: Chalmers clay loam.

Soil test: pH 6.0, P 17 ppm (high), K 158 ppm
(very high).

Date of planting: May 14, 1997.

Date of harvest: October 1, 1997.

Roundup Ready® is a trademark of Monsanto
Company.

(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 3, Northeastern Indiana,
Soybean Test, Three-year Average
(1994-1996-1997).**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Maturity Group II				
v Jack Public	52.0 *	9-26	122	1.6 32
v Chapman Public	45.6 *	9-22	119	1.6 27
v Kenwood94 Public	44.8 *	9-20	116	1.3 26
v Pioneer var. 9281	44.8 *	9-24	120	1.3 23
v Burlison Public	44.3 *	9-26	123	1.6 28
b Beck 291	44.0 *	9-24	121	1.2 28
v Archer Public	41.9 *	9-18	115	1.3 25
Grand mean	45.3	9-23	119	1.4 27
BLSD (k=100)	ns	3	3	0.4 2
C.V. (%)	15.3	2	1	21.7 8
Maturity Group III				
v CX399 DeKalb	46.4 *	10-03	129	1.5 32
b BG S 327	44.4 *	10-02	129	1.5 34
v CX313 DeKalb	44.2 *	9-29	125	1.2 31
b Gold. Hrv. H-1355	44.0 *	10-01	128	1.3 34
b AgraTech AT 362	43.8 *	10-01	128	1.0 31
v Probst Public	43.3 *	9-29	126	1.1 27
v Thorne Public	42.5 *	9-30	126	1.1 27
b Beck 388A	41.7 *	10-02	129	1.4 32
v Countrymrk 365	40.3 *	10-03	130	1.0 28
v Williams 82 Public	40.1 *	10-02	129	1.5 33
v Resnik Public	39.8	9-30	127	1.1 28
v Yale Public	38.1	10-01	128	1.0 28
v Edison Public	38.0	10-01	128	1.1 28
v Pella 86 Public	37.0	9-27	123	1.2 26
Grand mean	41.7	10-01	128	1.2 30
BLSD (k=100)	6.5	2	2	0.4 2
C.V. (%)	16.4	3	1	30.4 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

Table 8. Location 3, Northeastern Indiana, Soybean Test, Three-year Average (1994-1996-1997), continued.

(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 3, Northeastern Indiana, Soybean Test, Two-year Average (1996-1997).

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group II					
v Jack Public	52.0 *	9-29	119	1.3	29
v Countrymrk 297	49.1 *	10-01	121	1.1	26
v DSR-300	46.7 *	9-30	120	1.0	24
b TS 294 Terra	43.9 *	9-28	118	1.0	25
v Burlison Public	43.6 *	10-02	122	1.4	25
v Chapman Public	42.5 *	9-26	116	1.4	24
v Countrymrk 246	42.0 *	9-25	115	1.0	26
v Kenwood94 Public	40.6 *	9-24	114	1.3	23
v Archer Public	39.3 *	9-22	112	1.1	23
v Pioneer var. 9281	39.3 *	9-28	118	1.1	20
b Beck 291	38.5 *	9-29	119	1.0	25
Grand mean	43.4	9-28	118	1.2	25
B LSD (k=100)	16.0	5	5	ns	3
C.V. (%)	16.3	3	1	23.5	9

Maturity Group III

b Beck 419	50.0 *	10-08	128	1.1	33
v Countrymrk 347	47.6 *	10-05	125	1.3	28
v CX351 DeKalb	46.1 *	10-06	126	1.0	28
b Callahan 7383	45.8 *	10-07	127	1.0	25
v CX368 DeKalb	45.4 *	10-06	126	1.0	26
v DSR-370/STS	44.9 *	10-07	127	1.5	31
b AgraTech AT 324	44.4 *	10-06	126	1.3	27
b BG S 339	44.2 *	10-07	127	1.1	28
v CX399 DeKalb	43.7 *	10-07	127	1.4	30
v Gold. Hrv. H-1310	43.6 *	10-05	125	1.1	27
v Probst Public	43.3 *	10-04	124	1.1	25
b BG S 327	42.7 *	10-07	127	1.4	31
b Callahan 6330	42.2 *	10-05	125	1.5	26
b Callahan 7317	41.7 *	10-01	121	1.0	24
v CX313 DeKalb	41.4 *	10-03	123	1.1	29
b AgraTech AT 362	41.2 *	10-05	125	1.0	29

**Table 9. Location 3, Northeastern Indiana,
Soybean Test, Two-year Average
(1996-1997), continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III, continued					
b Gold. Hrv. H-1355	41.2 *	10-06	126	1.4	31
v DSR-325	40.7 *	10-05	125	1.5	28
b S 393 Corn Belt	40.7 *	10-06	126	1.1	27
b Beck 342	40.7 *	10-06	126	1.0	25
v Pioneer var. 9352	40.3 *	10-05	125	1.0	24
v Resnik Public	39.7 *	10-04	124	1.1	27
v CX375 DeKalb	39.4 *	10-06	126	1.0	27
v Thorne Public	39.3 *	10-05	125	1.1	27
b TS 364 Terra	39.0 *	10-06	126	1.0	22
b TS 315 Terra	38.7 *	10-04	124	1.0	26
b Beck 388A	38.7 *	10-06	126	1.5	30
v Countrymrk 365	38.4 *	10-06	126	1.0	26
v Williams 82 Public	38.1 *	10-08	128	1.5	31
v Pioneer var. 9306	37.3 *	9-30	120	1.0	23
v Athow Public	36.1 *	10-02	122	1.0	24
v Yale Public	35.8 *	10-06	126	1.0	26
v Gold. Hrv. H-1351	35.5 *	10-06	126	1.0	24
b Beck 310	35.2 *	10-02	122	1.0	26
b TS 357 Terra	34.7 *	10-05	125	1.0	24
v Edison Public	33.5 *	10-05	125	1.0	26
v Pella 86 Public	33.4 *	10-01	121	1.1	24
b Beck 395	32.1 *	10-05	125	1.0	22
Grand mean	40.4	10-05	125	1.1	27
BLSD (k=100)	ns	3	3	ns	3
C.V. (%)	18.5	2	1	31.6	10

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

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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).

Table 10. Location 3, Randolph Co., 1997**Soybean Test.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group II				
v Countrymrk 297	57.9 *	9-22	133	1.0 22
v Jack Public	56.7 *	9-22	133	1.0 25
v DSR-300	53.0 *	9-24	135	1.0 21
b Garst D284	51.0 *	9-18	129	1.0 21
v Countrymrk HT2383	49.6 *	9-17	128	1.0 22
b Beck 281	49.0 *	9-23	134	1.0 21
v Burlison Public	47.0 *	9-22	133	1.0 21
v Chapman Public	46.0 *	9-20	131	1.0 19
b TS 294 Terra	45.9 *	9-22	133	1.0 20
b TS 277 Terra	45.8 *	9-22	133	1.0 19
v Countrymrk 246	45.2 *	9-17	128	1.0 22
b TS 266 Terra	45.2 *	9-19	130	1.0 18
b Garst D278	44.7	9-21	132	1.0 21
b Callahan 7282	43.2	9-22	133	1.0 20
b Callahan 5290	43.0	9-21	132	1.0 20
v LG 6279	42.8	9-20	131	1.0 19
v Sandusky Public	42.5	9-22	133	1.0 20
v Kenwood94 Public	40.8	9-17	128	1.0 19
v Flint Public	40.7	9-22	133	1.0 21
v Archer Public	39.9	9-13	124	1.0 20
v Pioneer var. 9281	35.6	9-21	132	1.0 16
b Beck 291	35.0	9-23	134	1.0 19
v Countrymrk 215	34.7	9-18	129	1.0 21
Grand mean	45.0	9-20	131	1.0 20
BLSD (k=100)	12.8	1	1	ns 3
C.V. (%)	17.1	2	1	9

Maturity Group III

v Countrymrk 347	55.7 *	9-28	139	1.0 25
b Beck 419	55.3 *	10-02	143	1.0 27
v CX351 DeKalb	52.8 *	9-30	141	1.0 26
b Callahan 7383	52.3 *	10-01	142	1.0 23
v CX368 DeKalb	51.5 *	9-29	140	1.0 23
v DSR-370/STS	51.0 *	9-30	141	1.0 29
b Beck 386	50.6 *	9-30	141	1.0 24
b Davis D327	50.0 *	10-01	142	1.0 28
v Gold. Hrv. H-1386	49.8 *	10-01	142	1.0 28
b AgraTech AT 324	48.9 *	9-29	140	1.0 23
b BG S 339	48.5 *	9-30	141	1.0 27
v LG 6353	47.7 *	9-27	138	1.0 24
b TS 364T Terra	47.5 *	9-28	139	1.0 24
b BG S 337	46.7 *	9-30	141	1.0 25
v Countrymrk HT322	45.9 *	9-28	139	1.0 22
v CX348 DeKalb	45.9 *	9-30	141	1.0 23

Table 10. Location 3, Randolph Co., 1997 Soybean Test, continued.

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III, continued					
v Probst Public	45.2 *	9-26	137	1.0	23
v Gold. Hrv.H-1310	45.2 *	9-28	139	1.0	25
v Defiance Public	44.8 *	9-27	138	1.0	23
v CX399 DeKalb	44.8 *	9-30	141	1.0	24
b Callahan 6330	43.6 *	9-29	140	1.0	21
v Rupp RS 2535	43.0 *	9-27	138	1.0	22
b Gold. Hrv. H-1355	42.5 *	9-29	140	1.0	28
b AgraTech AT 362	42.4 *	9-30	141	1.0	26
b BG S 327	42.3 *	10-01	142	1.0	28
b Callahan 7317	42.1 *	9-24	135	1.0	20
b Garst D331	42.0 *	9-25	136	1.0	23
b Beck 342	41.6 *	9-29	140	1.0	22
v Pioneer var. 93B82	41.4	9-28	139	1.0	20
v Countrymrk 365	39.7	9-29	140	1.0	23
b S 393 Corn Belt	39.6	9-29	140	1.0	23
b Garst D308	39.3	9-22	133	1.0	20
v CX313 DeKalb	39.3	9-27	138	1.0	25
b Davis D351	39.2	9-29	140	1.0	22
b TS 364 Terra	39.2	9-30	141	1.0	19
v Resnik Public	39.0	9-26	137	1.0	22
v Thorne Public	38.9	9-27	138	1.0	24
v LG 6324	38.6	9-28	139	1.0	23
v CX375 DeKalb	38.3	9-29	140	1.0	23
v Williams 82 Public	37.9	10-03	144	1.0	27
v Pioneer var. 9352	37.8	9-29	140	1.0	21
v DSR-325	37.7	9-28	139	1.0	24
b SC 376 SeedCnslts	37.1	9-28	139	1.0	24
b Beck 351	36.7	9-23	134	1.0	19
b AgraTech AT 310	36.0	9-25	136	1.0	21
b Beck 388A	35.2	9-29	140	1.0	25
b S 363 Corn Belt	34.8	9-26	137	1.0	23
b Davis D315	34.2	9-23	134	1.0	19
b TS 315 Terra	33.7	9-27	138	1.0	23
v Yale Public	33.1	9-29	140	1.0	24
b TS 317 Terra	32.6	9-26	137	1.0	20
v Gold. Hrv. H-1351	31.9	9-29	140	1.0	21
v Pioneer var. 9306	31.5	9-23	134	1.0	19
b Beck 395	31.4	9-30	141	1.0	20
v IA 3005 Public	31.2	9-27	138	1.0	20
b AgraTech AT 335	31.0	9-29	140	1.0	22
b TS 387 Terra	30.6	9-30	141	1.0	20
v LG 6395	30.4	9-30	141	1.0	20
v Athow Public	30.3	9-23	134	1.0	22
b AgraTech AT 345	30.0	9-27	138	1.0	20
b TS 357 Terra	29.2	9-28	139	1.0	21

**Table 10. Location 3, Randolph Co., 1997
Soybean Test, continued.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Maturity Group III, continued				
v Edison Public	29.2	9-28	139	1.0 23
v Pioneer var. 93B41	28.1	9-26	137	1.0 19
v Pella 86 Public	27.6	9-23	134	1.0 18
b Beck 310	26.8	9-27	138	1.0 22
v Harper 87 Public	20.9	9-28	139	1.0 20
Grand mean	39.7	9-28	139	1.0 23
B LSD (k=100)	14.2	2	2	ns 3
C.V. (%)	23.2	3	1	10

Conducted on the Davis-Purdue Agricultural Center,
Farmland.

Jeffrey L. Boyer, superintendent.

Soil type: Blount silty clay loam.

Soil test for Maturity Group II: pH 5.8, P 32 ppm
(very high), K 117 ppm (high).

Soil test for Maturity Group III: pH 6.0, P 27 ppm
(very high), K 94 ppm (medium).

Date of planting for Maturity Groups II and III: May
12, 1997.

Date of harvest for Maturity Groups II and III:
October 6, 1997.

(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 4, Daviess Co., Soybean Test,
Three-year Average (1995-1996-1997).**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III					
v Pioneer var. 9362	33.0 *	9-27	113	1.0	24
b AgraTech AT 362	27.0	9-25	111	1.0	23
b Beck 419	25.4	9-28	114	1.0	25
v CX399 DeKalb	25.3	9-27	112	1.0	24
v Pioneer var. 9352	25.2	9-27	112	1.0	22
v Countrymrk 396	25.0	9-27	112	1.0	23
v Resnik Public	23.9	9-27	113	1.0	21
v Countrymrk 365	23.9	9-28	114	1.0	22
v Yale Public	22.7	9-26	111	1.0	24
v Edison Public	22.5	9-27	113	1.0	23
v Probst Public	22.4	9-25	110	1.0	23
v Williams 82 Public	22.1	9-27	113	1.1	25
v Thorne Public	21.2	9-26	112	1.0	21
v Pella 86 Public	18.7	9-26	112	1.0	21
Grand mean	24.2	9-27	112	1.0	23
B LSD (k=100)	4.2	3	3	ns	2
C.V. (%)	14.6	4	2	7.7	9

Maturity Group IV

v Stressland Public	31.3 *	9-29	115	1.0	28
v LG 6437c	31.3 *	10-01	117	1.0	26
b TS 474 Terra	30.4 *	10-04	120	1.1	27
b Beck 454	28.6 *	9-30	116	1.0	26
b AgraTech AT 415	28.5 *	9-29	115	1.0	23
v Countrymrk 426	25.3 *	10-01	117	1.0	26
v Flyer Public	24.5 *	9-29	115	1.0	25
v Spencer Public	22.4	9-30	115	1.0	23
Grand mean	27.8	9-30	116	1.0	26
B LSD (k=100)	7.0	6	6	ns	3
C.V. (%)	18.6	3	2	10.1	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

Table 12. Location 4, Daviess Co., Soybean Test, Two-year Average (1996-1997).

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III					
v Pioneer var. 9362	32.3 *	10-01	116	1.0	19
b BG S 339	27.0 *	10-02	117	1.0	18
v Countrymrk 376	26.5 *	10-02	117	1.0	17
b TS 364 Terra	26.1 *	10-03	118	1.0	17
b AgraTech AT 362	25.5 *	9-30	115	1.0	17
b Callahan 7383	25.2	10-02	117	1.0	16
v CX399 DeKalb	25.1	10-01	116	1.0	18
v Gold. Hrv. H-1383	23.5	10-02	117	1.0	16
b Beck 419	23.5	10-03	118	1.0	18
v Countrymrk 396	23.2	10-02	117	1.0	17
v LG 6395	22.4	10-03	118	1.0	16
v Gold. Hrv. H-1394	22.3	10-03	118	1.0	17
v Pioneer var. 9352	21.8	9-30	115	1.0	17
v Resnik Public	21.7	10-01	116	1.0	16
v Countrymrk 347	21.7	10-01	116	1.0	18
v Williams 82 Public	21.6	10-01	116	1.0	18
b G-392 Great Heart	21.6	10-03	118	1.0	16
v Countrymrk 365	21.5	10-02	117	1.0	16
v Edison Public	21.5	10-02	117	1.0	17
b Beck 395	21.5	10-02	117	1.0	15
v Athow Public	20.7	10-01	116	1.0	16
v Yale Public	20.5	10-01	116	1.0	18
v Probst Public	20.2	9-30	115	1.0	17
v Pella 86 Public	18.0	10-02	117	1.0	16
v Thorne Public	17.5	9-30	115	1.0	15
Grand mean	22.9	10-02	117	1.0	17
BLSD (k=100)	7.0	3	3	ns	3
C.V. (%)	17.4	2	1		10
Maturity Group IV					
v LG 6437c	33.4 *	10-04	119	1.0	21
b TS 474 Terra	31.9 *	10-09	124	1.0	22
v Stressland Public	31.3 *	10-01	116	1.0	22
b Beck 454	27.4 *	10-05	120	1.0	21
b AgraTech AT 415	26.9 *	10-01	116	1.0	19
b TS 415 Terra	26.5 *	10-02	117	1.0	19
b Callahan 7417	26.0 *	10-02	117	1.0	16
v CX450c DeKalb	25.7 *	10-06	121	1.0	22
b BG S 492	25.7 *	10-12	127	1.0	24
v Flyer Public	24.8 *	10-01	116	1.0	19
v Countrymrk 426	24.7 *	10-03	118	1.0	19
v Spencer Public	22.4	10-03	118	1.0	17
Grand mean	27.2	10-04	119	1.0	20
BLSD (k=100)	10.6	4	4	ns	2
C.V. (%)	18.7	3	1		11

**Table 12. Location 4, Daviess Co., Soybean Test,
Two-year Average (1996-1997), contd.**

- (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 4, Daviess Co., 1997
Soybean Test.**

Entry Type and Name	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group III				
v Pioneer var. 93B82	34.5 *	9-18	120	1.0 18
v Pioneer var. 9362	31.0 *	9-17	119	1.0 18
v CX394c DeKalb	29.3 *	9-18	120	1.0 21
v Pioneer var. 93B41	28.8 *	9-17	119	1.0 18
v Countrymrk HS3971	28.4 *	9-19	121	1.0 17
v Countrymrk 376	27.1	9-17	119	1.0 17
b TS 364 Terra	26.8	9-19	121	1.0 16
v Countrymrk 396	26.7	9-18	120	1.0 16
v Countrymrk 347	26.0	9-17	119	1.0 20
v Gold. Hrv. H-1383	25.9	9-19	121	1.0 17
v Gold. Hrv. H-1365	25.7	9-17	119	1.0 19
v Defiance Public	25.5	9-15	117	1.0 19
b TS 357 Terra	25.4	9-17	119	1.0 16
b TS 364T Terra	25.1	9-17	119	1.0 16
b Beck 419	24.2	9-19	121	1.0 19
b G-370 Great Heart	24.0	9-17	119	1.0 18
b BG S 339	23.9	9-18	120	1.0 17
v Williams 82 Public	23.5	9-17	119	1.0 19
b AgraTech AT 362	23.5	9-17	119	1.0 18
b AgraTech AT 345	23.3	9-17	119	1.0 16
v LG 6384c	23.2	9-18	120	1.0 17
v CX377 DeKalb	23.1	9-17	119	1.0 18
v CX399 DeKalb	23.0	9-17	119	1.0 18
v Edison Public	22.8	9-17	119	1.0 17
v Athow Public	22.7	9-16	118	1.0 17
b Beck 395	22.6	9-18	120	1.0 16
v Pioneer var. 9306	22.4	9-17	119	1.0 17

**Table 13. Location 4, Daviess Co., 1997
Soybean Test, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
Maturity Group III, continued				
b AgraTech AT 396	22.3	9-17	119	1.0 18
v Yale Public	22.2	9-17	119	1.0 18
v Resnik Public	22.2	9-17	119	1.0 17
v Gold. Hrv. H-1394	22.2	9-18	120	1.0 17
b TS 387 Terra	22.1	9-18	120	1.0 16
b G-392 Great Heart	21.9	9-18	120	1.0 16
b Callahan 7383	21.6	9-16	118	1.0 15
v Pioneer var. 9352	21.5	9-18	120	1.0 17
v Saul Miles Seed	21.3	9-16	118	1.0 17
v Probst Public	21.2	9-17	119	1.0 18
b Callahan 7388	21.2	9-18	120	1.0 17
v LG 6395	20.9	9-17	119	1.0 16
v Countrymrk 365	20.6	9-18	120	1.0 16
v Thorne Public	20.0	9-16	118	1.0 15
v Pella 86 Public	19.8	9-17	119	1.0 16
b Diener DB 377	18.1	9-19	121	1.0 15
v Harper 87 Public	17.7	9-17	119	1.0 16
v IA 3005 Public	17.1	9-17	119	1.0 16
Grand mean	23.6	9-17	119	1.0 17
B LSD (k=100)	6.6	2	2	ns 2
C.V. (%)	17.7	2	1	9

Maturity Group IV

v Gold. Hrv. H-1454	40.7 *	9-18	120	1.0 21
v Pioneer var. 9421	35.3 *	9-17	119	1.0 21
v DSR-418	34.8 *	9-18	120	1.0 22
v DSR-417/RR	33.5 *	9-16	118	1.0 22
v LG 6437c	32.3 *	9-18	120	1.0 20
b Callahan 3484	30.5 *	9-19	121	1.0 20
v Countrymrk HS4161	30.1 *	9-18	120	1.0 20
b TS 415 Terra	29.5 *	9-18	120	1.0 19
v CX499c DeKalb	28.8 *	9-19	121	1.0 27
v Stressland Public	28.7 *	9-16	118	1.0 22
b TS 474 Terra	28.6 *	9-22	124	1.0 24
v Flyer Public	28.4 *	9-16	118	1.0 20
b Diener DB 442c	27.6 *	9-17	119	1.0 19
v Countrymrk 426	27.2 *	9-18	120	1.0 18
b AgraTech AT 415	27.1 *	9-17	119	1.0 18
b Callahan 6435	27.0 *	9-18	120	1.0 21
v Corsica Public	26.9 *	9-16	118	1.0 21
v Pioneer var. 9492	26.7 *	9-24	126	1.0 19
v CX420c DeKalb	26.6 *	9-17	119	1.0 22
v Omaha Public	26.6 *	9-17	119	1.0 20
v CX494 DeKalb	26.6 *	9-20	122	1.0 22

**Table 13. Location 4, Daviess Co., 1997
Soybean Test, continued.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Maturity Group IV, continued				
v CX470c DeKalb	26.5 *	9-17	119	1.0 21
v CX450c DeKalb	26.1 *	9-19	121	1.0 21
b Beck 454	25.9 *	9-21	123	1.0 20
v Spencer Public	25.5 *	9-20	122	1.0 17
b Diener DB 444c	25.4 *	9-20	122	1.0 21
v David Miles Seed	25.2 *	9-18	120	1.0 21
b Callahan 7417	23.7	9-17	119	1.0 16
v Exodus Miles Seed	23.5	9-19	121	1.0 21
b BG S 492	22.5	9-27	129	1.0 25
Grand mean	28.3	9-19	121	1.0 21
BLSD (k=100)	15.8	1	1	ns 3
C.V. (%)	23.7	2	1	10

Conducted on the Ernest E. Dyer Farm near Plainville.

Ernest E. Dyer, cooperator.

Soil type: Elston loam.

Soil test for Maturity Group III: pH 6.2, P 21 ppm (high), K 118 ppm (high).

Soil test for Maturity Group IV: pH 6.0, P 18 ppm (high), K 105 ppm (medium).

Date of planting: May 21, 1997.

Date of harvest for Maturity Groups III and IV: October 8, 1997.

(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 5, Jennings Co., Soybean Test,
Three-year Average (1995-1996-1997).**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III					
b Beck 419	57.2 *	10-03	117	1.5	31
v Gold. Hrv. H-1397	56.4 *	10-04	118	1.1	28
b L&M Glick 314	53.9 *	10-01	116	1.5	30
v Probst Public	52.9 *	9-27	111	1.2	25
v Pioneer var. 9352	52.6 *	10-01	115	1.0	23
b L&M Glick 365	51.2	10-02	116	1.3	29
v Gold. Hrv. H-1353	51.2	10-02	117	1.3	25
v CX368 DeKalb	51.1	10-01	116	1.0	27
b L&M Glick 320	49.9	10-02	116	1.3	28
v Edison Public	49.7	9-30	115	1.0	26
v Resnik Public	48.7	9-27	112	1.1	26
v Yale Public	47.9	10-01	115	1.1	27
v Countrymrk 396	47.5	10-01	116	1.0	24
v Countrymrk 365	47.0	10-02	117	1.0	27
v Williams 82 Public	45.9	10-03	118	1.5	30
v Thorne Public	44.6	9-26	111	1.3	24
v Pella 86 Public	42.8	9-25	109	1.3	24
Grand mean	50.0	9-30	115	1.2	27
B LSD (k=100)	4.8	2	2	0.5	2
C.V. (%)	11.2	2	1	22.8	8
Maturity Group IV					
b TS 474 Terra	62.4 *	10-12	126	1.9	33
v Stressland Public	57.9 *	10-05	120	1.5	32
b AgraTech AT 415	54.2	10-03	118	1.0	26
v Flyer Public	53.1	10-03	118	1.0	29
v Countrymrk 426	52.0	10-07	121	1.1	30
v Spencer Public	50.0	10-06	120	1.1	28
Grand mean	54.9	10-06	121	1.3	30
B LSD (k=100)	7.5	3	3	0.5	2
C.V. (%)	11.6	2	1	20.5	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.

**Table 14. Location 5, Jennings Co., Soybean Test,
Three-year Average (1995-97), contd.**

(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 5, Jennings Co., Soybean Test,
Two-year Average (1996-1997).**

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

v Gold. Hrv. H-1397	52.3 *	10-07	123	1.0	25
v Gold. Hrv. H-1386	51.3 *	10-05	121	1.1	26
b Beck 419	50.7 *	10-05	121	1.4	28
b L&M Glick 314	48.1 *	10-04	120	1.3	27
v Probst Public	47.2 *	9-29	115	1.1	23
b S 393 Corn Belt	46.9 *	10-04	120	1.1	22
v CX377 DeKalb	46.3 *	10-04	120	1.1	25
v Pioneer var. 9352	45.9 *	10-03	119	1.0	21
v Gold. Hrv. H-1353	45.1 *	10-05	121	1.0	23
b TS 364 Terra	44.9 *	10-04	120	1.1	22
v CX368 DeKalb	44.8 *	10-04	120	1.0	24
v Gold. Hrv. H-1383	44.8 *	10-05	121	1.0	20
b L&M Glick 365	44.6 *	10-03	119	1.0	25
v Edison Public	44.5 *	10-03	119	1.0	24
b L&M Glick 370	43.8 *	10-03	119	1.0	24
v CX375 DeKalb	43.8 *	10-03	119	1.0	23
b L&M Glick 320	43.8 *	10-03	119	1.0	24
v CX399 DeKalb	43.8 *	10-05	121	1.4	25
v Resnik Public	43.0	9-29	115	1.0	24
v CX351 DeKalb	43.0	10-02	118	1.1	24
v Countrymrk 365	40.7	10-05	121	1.0	23
v Countrymrk 396	40.5	10-03	119	1.0	22
v Williams 82 Public	39.8	10-05	121	1.1	26
v Yale Public	39.3	10-02	118	1.0	23
v Thorne Public	38.1	9-28	114	1.1	22
v Athow Public	37.3	9-28	114	1.0	21
v Pella 86 Public	36.8	9-27	113	1.0	22
b Beck 395	35.8	10-05	121	1.0	19
Grand mean	43.8	10-03	119	1.1	23
B LSD (k=100)	8.9	2	2	ns	3
C.V. (%)	12.2	2	1	20.6	8

**Table 15. Location 5, Jennings Co., Soybean Test,
Two-year Average (1996-1997), contd.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group IV					
b TS 474 Terra	55.7 *	10-12	128	1.6	29
v Stressland Public	55.0 *	10-07	123	1.4	28
b TS 415 Terra	50.0 *	10-07	123	1.1	23
b BG S 436	48.6 *	10-06	122	1.3	28
b AgraTech AT 415	47.2 *	10-05	121	1.0	23
v Flyer Public	45.2	10-05	121	1.0	25
v Countrymrk 426	44.6	10-08	124	1.0	25
v Spencer Public	43.8	10-08	124	1.0	24
b Callahan 7417	41.9	10-07	123	1.0	20
Grand mean	48.0	10-07	123	1.2	25
B LSD (k=100)	9.0	3	3	0.7	4
C.V. (%)	12.3	1	1	22.4	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 5, Jennings Co., 1997
Soybean Test.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Maturity Group III					
v Pioneer var.93B82	61.2 *	9-26	134	1.0	25
b Beck 351	59.2 *	9-21	129	1.0	24
b SC 406 SeedCnslts	57.5 *	9-26	134	1.0	25
b AgraTech AT 335	56.9 *	9-19	127	1.0	26
v Gold. Hrv. H-1386	56.7 *	9-26	134	1.0	28
b AgraTech AT 396	56.0 *	9-28	136	1.0	26

Table 16. Location 5, Jennings Co., 1997 Soybean Test, continued.

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

v Gold. Hrv. H-1397	55.2 *	9-29	137	1.0	26
v Pioneer var. 9352	54.8 *	9-25	133	1.0	22
v Gold. Hrv. H-1383	54.7 *	9-28	136	1.0	21
v Probst Public	54.3 *	9-21	129	1.0	25
b Beck 419	52.7 *	9-26	134	1.0	28
b TS 364 Terra	52.6 *	9-25	133	1.0	22
v Countrymrk HS3971	51.7	9-29	137	1.0	24
b Callahan 7383	51.3	9-24	132	1.0	23
b Diener DB 377	51.1	9-27	135	1.0	20
b Beck 386	50.4	9-26	134	1.0	23
b L&M Glick 365	50.2	9-24	132	1.0	26
b AgraTech AT 345	50.2	9-25	133	1.0	23
v Pioneer var. 9306	49.5	9-19	127	1.0	22
b L&M Glick 314	49.3	9-25	133	1.0	26
b S 393 Corn Belt	49.2	9-25	133	1.0	22
v LG 6395	49.1	9-26	134	1.0	21
v Resnik Public	48.8	9-18	126	1.0	25
v Countrymrk 347	48.6	9-23	131	1.0	25
v Gold. Hrv. H-1394	48.5	9-27	135	1.0	24
v Edison Public	47.7	9-23	131	1.0	25
b L&M Glick 370	47.6	9-24	132	1.0	24
b TS 364T Terra	47.5	9-23	131	1.0	23
b L&M Glick 376	47.5	9-25	133	1.0	23
v CX351 DeKalb	47.3	9-25	133	1.0	24
v CX375 DeKalb	47.0	9-24	132	1.0	26
v Defiance Public	46.8	9-17	125	1.0	25
b L&M Glick 320	46.8	9-25	133	1.0	24
v Gold. Hrv. H-1353	46.1	9-26	134	1.0	23
v Pioneer var.93B41	46.0	9-19	127	1.0	21
v CX377 DeKalb	45.8	9-26	134	1.0	25
v Countrymrk 396	45.1	9-25	133	1.0	22
v Countrymrk 365	45.0	9-25	133	1.0	23
v Thorne Public	44.8	9-19	127	1.0	24
v CX368 DeKalb	44.8	9-25	133	1.0	25
v CX399 DeKalb	44.5	9-26	134	1.0	24
v Yale Public	44.3	9-25	133	1.0	25
v Williams 82 Public	44.3	9-28	136	1.0	26
v IA 3005 Public	41.3	9-23	131	1.0	21
b Callahan 7388	41.3	9-25	133	1.0	22
b Beck 395	40.9	9-27	135	1.0	20
b S 363 Corn Belt	40.8	9-18	126	1.0	23
b TS 387 Terra	40.4	9-28	136	1.0	21
v Harper 87 Public	40.3	9-23	131	1.0	23
b TS 357 Terra	40.3	9-23	131	1.0	22
v Athow Public	39.8	9-19	127	1.0	21
v Pella 86 Public	38.8	9-18	126	1.0	22

**Table 16. Location 5, Jennings Co., 1997
Soybean Test, continued.**

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

Maturity Group III, continued

Grand mean	48.3	9-24	132	1.0	24
BLSD (k=100)	8.7	1	1	ns	3
C.V. (%)	12.2	2	1		8

Maturity Group IV

v Pioneer var. 9421	67.9 *	9-29	137	1.0	28
b TS 474 Terra	67.1 *	10-06	144	1.3	31
v Stressland Public	63.8 *	9-29	137	1.0	27
b TS 415 Terra	60.4 *	9-29	137	1.3	25
b L&M Glick 480	59.3	9-30	138	1.0	25
b L&M Glick 470	56.8	9-30	138	1.0	26
v Omaha Public	56.0	9-29	137	1.0	26
v Countrymrk HS4161	54.6	10-01	139	1.0	24
v Corsica Public	54.4	9-26	134	1.0	24
v Pioneer var. 9492	54.4	10-06	144	1.0	26
b BG S 436	54.1	9-29	137	1.3	30
b Diener DB 442c	53.6	9-30	138	1.0	26
b Callahan 7417	53.3	9-29	137	1.0	22
b AgraTech AT 415	52.8	9-27	135	1.0	23
b Callahan 6435	52.6	10-01	139	1.0	26
v Countrymrk 426	51.9	10-01	139	1.0	27
v Spencer Public	51.8	10-01	139	1.0	26
v CX420c DeKalb	51.4	9-29	137	1.0	31
v Flyer Public	50.5	9-26	134	1.0	25
b Diener DB 444c	50.3	10-02	140	1.0	24
Grand mean	55.8	9-30	138	1.0	26
BLSD (k=100)	8.6	1	1	ns	3
C.V. (%)	10.1	1	1	18.4	7

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test for Maturity Group III: pH 6.1, P 16 ppm
(high), K 107 ppm (high).

Soil test for Maturity Group IV: pH 7.0, P 13 ppm
(medium), K 102 ppm (medium).

Date of planting: May 15, 1997.

Date of harvest for Maturity Groups III and IV: October 7, 1997.

**Table 16. Location 5, Jennings Co., 1997
Soybean Test, continued.**

- (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 17. Location 5, Jennings Co., Soybean Test,
Using No Tillage.**

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height
	bu./A.			in.
Three-Year Average, 1995-1996-1997				
b Beck 419	44.2 *	10-12	108	1.0 26
v Stressland Public	43.5 *	10-12	109	1.0 28
b Beck 388A	40.8 *	10-10	106	1.0 26
v Williams 82 Public	39.9 *	10-11	108	1.0 27
v Edison Public	38.4	10-11	107	1.0 23
v Countrymrk 426	38.4	10-14	110	1.0 26
v Yale Public	38.1	10-10	107	1.0 22
v Flyer Public	36.7	10-11	107	1.0 25
b AgraTech AT 415	36.5	10-11	108	1.0 23
v Pella 86 Public	36.4	10-07	104	1.0 24
v Spencer Public	35.8	10-13	110	1.0 23
v Resnik Public	35.5	10-07	104	1.0 23
v Countrymrk 396	35.5	10-11	108	1.0 21
v Probst Public	35.2	10-07	104	1.0 21
v Countrymrk 365	35.0	10-12	108	1.0 23
b L&M Glick 365	34.5	10-12	108	1.0 24
v Thorne Public	33.3	10-08	104	1.0 20
Grand mean	37.5	10-11	107	1.0 24
BLSD (k=100)	5.7	2	2	ns 2
C.V. (%)	10.8	2	1	8

**Table 17. Location 5, Jennings Co., Soybean Test,
Using No Tillage, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
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Two-Year Average, 1996-1997

b Beck 419	43.4 *	10-17	107	1.0	24
v Stressland Public	41.1 *	10-17	108	1.0	25
b Beck 388A	40.9 *	10-16	107	1.0	24
v Williams 82 Public	38.9 *	10-16	107	1.0	23
v Edison Public	37.8 *	10-16	107	1.0	21
v Yale Public	37.6 *	10-15	106	1.0	20
v Spencer Public	37.4 *	10-18	108	1.0	21
v Countrymrk 426	37.2 *	10-18	109	1.0	23
v Countrymrk 365	37.0 *	10-17	107	1.0	21
b AgraTech AT 415	35.8 *	10-16	107	1.0	21
v Pella 86 Public	35.5 *	10-13	103	1.0	21
v Flyer Public	35.3 *	10-15	106	1.0	22
v Countrymrk 396	34.7 *	10-16	106	1.0	19
v Probst Public	34.2 *	10-12	103	1.0	19
b L&M Glick 365	34.1 *	10-16	107	1.0	21
b L&M Glick 370	33.6	10-14	105	1.0	19
v Athow Public	33.6	10-15	105	1.0	19
v Resnik Public	33.5	10-12	103	1.0	20
v Thorne Public	33.0	10-13	104	1.0	18
b Beck 395	32.2	10-16	106	1.0	18

Grand mean	36.3	10-15	106	1.0	21
BLSD (k=100)	9.6	2	2	ns	3
C.V. (%)	11.9	2	1		10

1997 results(4)

b Beck 419	50.0 *	10-15	105	1.0	28
b SC 406 SeedCnslts	48.2 *	10-16	106	1.0	27
b Beck 351	47.6 *	10-11	101	1.0	23
v Gold. Hrv. H-1397	45.9 *	10-16	106	1.0	25
v Harper 87 Public	45.5 *	10-10	100	1.0	25
v Gold. Hrv. H-1351	45.1 *	10-12	102	1.0	24
v Countrymrk HS3971	45.0 *	10-15	105	1.0	24
v Corsica Public	44.9 *	10-12	102	1.0	24
b AgraTech AT 396	44.7 *	10-15	105	1.0	25
v Countrymrk HS4161	44.6 *	10-15	105	1.0	28
v Omaha Public	44.5 *	10-14	104	1.0	25
v Williams 82 Public	44.1	10-13	103	1.0	28
v Gold. Hrv. H-1386	44.1	10-15	105	1.0	27
b Beck 388A	43.8	10-14	104	1.0	28
v Yale Public	43.7	10-13	103	1.0	24
v Stressland Public	43.5	10-15	105	1.0	28
b L&M Glick 480	43.3	10-16	106	1.0	24
v Probst Public	42.3	10-10	100	1.0	21
v IA 3005 Public	42.2	10-15	105	1.0	23

**Table 17. Location 5, Jennings Co., Soybean Test,
Using No Tillage, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
1997 Results, continued(4)					
v Countrymrk 365	41.6	10-13	103	1.0	26
b Beck 386	41.4	10-14	104	1.0	23
v Pella 86 Public	41.2	10-09	99	1.0	25
v Countrymrk 426	41.0	10-14	104	1.0	27
v Edison Public	40.8	10-13	103	1.0	23
v Gold. Hrv. H-1394	40.8	10-14	104	1.0	22
v Resnik Public	40.2	10-10	100	1.0	23
v Thorne Public	39.9	10-12	102	1.0	22
v Countrymrk 396	39.8	10-13	103	1.0	22
v Flyer Public	39.4	10-13	103	1.0	25
v Athow Public	38.3	10-13	103	1.0	22
v Spencer Public	38.3	10-15	105	1.0	24
b Beck 395	36.6	10-14	104	1.0	22
v LG 6395	36.5	10-15	105	1.0	21
b AgraTech AT 415	35.7	10-15	105	1.0	23
b L&M Glick 365	34.5	10-14	104	1.0	24
b L&M Glick 370	34.4	10-10	100	1.0	20
Grand mean	42.0	10-13	103	1.0	24
BLSD (k=100)	5.6	2	2	ns	3
C.V. (%)	9.1	2	1		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)

(4) Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg. Soil test: pH 6.1, P 29 ppm (very high), K 78 ppm (medium).

Date of planting: July 2, 1997.

Date of harvest: October 23, 1997.

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**Table 18. Location 5, Jennings Co., Soybean Test,
Using Conventional Tillage.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
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Two-Year Average, 1995 and 1997

b Beck 419	60.4 *	10-11	110	1.0	37
v Stressland Public	57.4 *	10-11	110	1.0	37
b L&M Glick 365	53.8	10-08	107	1.0	33
v Probst Public	52.7	10-05	104	1.0	29
v Flyer Public	52.3	10-09	108	1.0	31
v Thorne Public	52.1	10-06	105	1.0	29
b Beck 388A	51.7	10-06	105	1.1	32
v Countrymrk 396	51.6	10-07	106	1.0	30
v Countrymrk 365	51.3	10-09	108	1.0	33
v Resnik Public	50.6	10-05	104	1.0	29
b AgraTech AT 415	50.5	10-08	107	1.0	29
v Spencer Public	50.1	10-10	109	1.0	32
v Williams 82 Public	49.8	10-08	107	1.4	35
v Countrymrk 426	49.8	10-11	110	1.0	35
v Edison Public	49.2	10-06	105	1.0	28
v Pella 86 Public	48.5	10-05	104	1.0	30
v Yale Public	48.5	10-07	106	1.0	30
Grand mean	51.8	10-08	107	1.0	32
BLSD (k=100)	4.8	2	2	ns	4
C.V. (%)	4.9	2	1	11.7	5

1997 Results (4)

v Countrymrk HS3971	54.4 *	10-15	105	1.0	33
b L&M Glick 480	54.3 *	10-16	106	1.0	30
b SC 406 SeedCnslts	54.2 *	10-15	105	1.0	34
b Beck 419	53.5 *	10-16	106	1.0	37
v Stressland Public	53.2 *	10-17	107	1.0	36
v Countrymrk HS4161	53.0 *	10-18	108	1.0	34
b AgraTech AT 396	51.9 *	10-14	104	1.0	29
v Gold. Hrv. H-1386	51.9 *	10-15	105	1.0	30
v Corsica Public	51.5	10-13	103	1.0	30
b Beck 351	51.1	10-12	102	1.0	31
v Gold. Hrv. H-1397	51.1	10-17	107	1.0	30
b L&M Glick 365	51.0	10-14	104	1.0	30
v LG 6395	50.7	10-14	104	1.0	26
v Countrymrk 396	50.4	10-13	103	1.0	30
b Beck 388A	50.0	10-13	103	1.0	32
v Gold. Hrv. H-1394	49.7	10-15	105	1.0	27
b Beck 386	49.2	10-14	104	1.0	27
v Thorne Public	48.5	10-13	103	1.0	28
v Gold. Hrv. H-1351	48.3	10-13	103	1.0	27
v Flyer Public	48.3	10-14	104	1.0	27

**Table 18. Location 5, Jennings Co., Soybean Test,
Using Conventional Tillage, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.
1997 Results (4), continued				
v Countrymrk 365	48.1	10-14	104	1.0 32
v IA 3005 Public	47.9	10-14	104	1.0 28
v Spencer Public	47.9	10-15	105	1.0 31
v Williams 82 Public	47.3	10-13	103	1.0 34
v Omaha Public	47.2	10-14	104	1.0 28
v Probst Public	46.9	10-11	101	1.0 25
v Harper 87 Public	46.9	10-13	103	1.0 29
v Resnik Public	46.6	10-12	102	1.0 27
v Pella 86 Public	46.5	10-12	102	1.0 30
v Countrymrk 426	46.4	10-17	107	1.0 33
b AgraTech AT 415	45.6	10-14	104	1.0 29
b L&M Glick 370	45.0	10-12	102	1.0 28
v Athow Public	44.7	10-10	100	1.0 26
b Beck 395	44.7	10-14	104	1.0 24
v Edison Public	44.5	10-13	103	1.0 26
v Yale Public	44.2	10-13	103	1.0 27
Grand mean	49.1	10-14	104	1.0 30
BLSD (k=100)	2.6	1	1	ns 3
C.V. (%)	4.0	1	1	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 spanned by the same letter are not, statistically, significantly different.

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

(4) Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test: pH 6.3, P 37 ppm (very high), K 109 ppm (high).

Date of planting: July 2, 1997.

Dates of harvest: October 23 and 29, 1997.

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**Table 19. Location 5, Jennings Co., 1997
Transgenic (Roundup Ready®)
Soybean Test, Using Conventional
Tillage and No Tillage.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Conventional Tillage Test					
b Beck 370RR	46.9 *	10-08	98	1.0	29
b Beck 340RR	42.3 *	10-09	99	1.0	27
v DSR-417/RR	37.9	10-06	96	1.0	28
b Beck 390RR	35.8	10-08	98	1.0	27
v DSR-351/RR	31.9	10-08	98	1.0	27
Grand mean	39.0	10-08	98	1.0	28
BLSD (k=100)	6.4	ns	ns	ns	ns
C.V. (%)	12.3	3	2		14
No Tillage Test					
v DSR-417/RR	41.4 *	10-14	104	1.0	28
b Beck 390RR	41.1 *	10-16	106	1.0	22
b Beck 370RR	38.9 *	10-14	104	1.0	28
v DSR-351/RR	33.9	10-13	103	1.0	18
b Beck 340RR	31.4	10-12	102	1.0	24
Grand mean	37.3	10-14	104	1.0	24
BLSD (k=100)	3.1	1	1	ns	3
C.V. (%)	7.2	2	1		10

Conducted on the Southeast-Purdue Agricultural Center, Butlerville.

Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test: pH 6.3, P 37 ppm (very high), K 109 ppm (high).

Date of planting: July 2, 1997.

Date of harvest: October 23, 1997.

Roundup Ready® is a trademark of Monsanto Company.

(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). (Copyright 1997 PRF)

**Table 20. Location 5, Jennings Co., 1997
Double Crop Soybean Test.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Double Crop					
b Beck 419	50.6 *	10-24	106	1.0	30
b L&M Glick 480	50.1 *	10-23	105	1.0	27
v Countrymrk HS4161	49.8 *	10-22	104	1.0	28
v Gold. Hrv. H-1386	49.1 *	10-23	105	1.0	28
b L&M Glick 365	48.7 *	10-21	103	1.0	26
b Beck 388A	47.2	10-22	104	1.0	30
v Countrymrk HS3971	47.1	10-22	104	1.0	30
b SC 406 SeedCnslts	47.0	10-22	104	1.0	29
v Spencer Public	46.8	10-21	103	1.0	29
v Corsica Public	46.3	10-22	104	1.0	24
v Gold. Hrv. H-1397	45.8	10-21	103	1.0	26
b Beck 390RR	45.3	10-22	104	1.0	27
v Gold. Hrv H-1394	45.0	10-22	104	1.0	23
v Omaha Public	44.9	10-21	103	1.0	24
b AgraTech AT 396	44.0	10-22	104	1.0	26
v Countrymrk 396	43.8	10-21	103	1.0	24
v Countrymrk 365	43.8	10-22	104	1.0	25
v Countrymrk 426	43.8	10-22	104	1.0	28
v Stressland Public	43.7	10-22	104	1.0	25
b Beck 386	43.0	10-21	103	1.0	23
v Williams 82 Public	42.6	10-22	104	1.0	30
v Harper 87 Public	42.0	10-22	104	1.0	25
b AgraTech AT 415	41.9	10-20	102	1.0	24
v Edison Public	41.8	10-22	104	1.0	24
b Beck 351	41.7	10-21	103	1.0	24
v Flyer Public	41.7	10-21	103	1.0	25
v IA 3005 Public	41.7	10-21	103	1.0	23
v Probst Public	41.6	10-21	103	1.0	23
v Yale Public	41.5	10-21	103	1.0	24
v Resnik Public	41.3	10-21	103	1.0	24
v LG 6395	40.2	10-21	103	1.0	22
b Beck 395	40.1	10-21	103	1.0	21
v Pella 86 Public	39.7	10-21	103	1.0	26
b L&M Glick 370	39.7	10-22	104	1.0	25
v Gold. Hrv. H-1351	39.4	10-22	104	1.0	23
v Athow Public	39.1	10-21	103	1.0	24
v Thorne Public	38.1	10-21	103	1.0	23
Grand mean	43.8	10-22	104	1.0	25
BLSD (k=100)	3.3	3	3	ns	2
C.V. (%)	5.7	2	1		7

**Table 20. Location 5, Jennings Co., 1997
Double Crop Soybean Test, contd.**

Conducted on the Southeast-Purdue Agricultural Center, Butlerville

Donald J. Biehle, superintendent.

Soil type: Avonburg.

Soil test: pH 6.4, P 28 ppm (very high), K 101 ppm (medium).

Date of planting: July 10, 1997.

Date of harvest: November 11, 1997.

(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 21. Results of Maturity Group II Soybean Performance Tests at Two Indiana Locations (Averaged Across Locations 1 and 2).

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Three-Year Average, 1995-1996-1997					
v Pioneer var. 9281	54.6 *	9-23	113	1.0	29
v DSR-277	53.6 *	9-25	115	1.0	30
b Callahan 5290	53.2 *	9-25	116	1.1	34
b TS 253 Terra	51.6 *	9-22	112	1.0	28
v Jack Public	51.6 *	9-25	115	1.5	39
b TS 294 Terra	51.4 *	9-23	114	1.1	33
v CX289 DeKalb	50.7 *	9-23	114	1.1	34
v Chapman Public	49.8 *	9-24	114	1.2	30
v Kenwood94 Public	48.4	9-19	109	1.4	30
v Burlison Public	47.6	9-24	114	1.1	30
v Archer Public	44.6	9-19	109	1.0	31
Grand mean	50.6	9-23	113	1.1	32
B LSD (k=100)	5.6	4	4	0.4	3
C.V. (%)	11.0	3	1	24.4	6

Table 21. Results of Maturity Group II Soybean Performance Tests at Two Indiana Locations (Averaged Across Locations 1 and 2), continued.

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Two-Year Average, 1996-1997					
v DSR-300	57.5 *	9-28	118	1.1	30
v DSR-277	55.0 *	9-27	116	1.0	27
v Pioneer var. 9281	53.4 *	9-25	114	1.0	27
b Callahan 5290	53.0 *	9-27	116	1.2	31
b Callahan 7282	52.5	9-25	114	1.0	28
v Jack Public	51.8	9-27	116	1.4	35
v Countrymrk 297	51.7	9-29	118	1.1	31
b Callahan 4277	51.6	9-24	113	1.1	29
v CX278 DeKalb	51.2	9-26	115	1.1	29
v CX289 DeKalb	51.1	9-26	115	1.1	32
b TS 253 Terra	50.8	9-25	114	1.1	25
b TS 294 Terra	50.8	9-26	115	1.1	30
b BG S 292	50.3	9-29	118	1.3	30
v Chapman Public	48.1	9-26	115	1.1	28
v Countrymrk 246	47.5	9-23	112	1.3	31
v Kenwood94 Public	47.3	9-23	112	1.4	28
v Archer Public	47.0	9-22	112	1.0	29
v Burlison Public	46.3	9-26	115	1.1	27
Grand mean	50.9	9-26	115	1.1	29
BLSD (k=100)	4.8	5	5	ns	4
C.V. (%)	8.2	3	2	23.5	7
1997 Results					
b TS 277 Terra	65.6 *	9-20	125	1.0	27
v DSR-300	64.9 *	9-24	130	1.3	33
v DSR-277	64.3 *	9-22	127	1.0	31
b TS 266 Terra	63.1 *	9-18	124	1.0	26
v Pioneer var. 9281	62.7 *	9-17	123	1.0	26
b Beck 281	62.2 *	9-22	127	1.1	32
v Sandusky Public	60.8	9-21	126	1.1	32
b TS 253 Terra	60.7	9-17	123	1.0	26
v CX267 DeKalb	60.6	9-17	123	1.1	31
v Countrymrk HT2383	60.5	9-16	121	1.1	31
b BG S 292	60.1	9-23	128	1.0	32
b Callahan 5290	60.0	9-21	126	1.0	32
b Callahan 7282	59.9	9-19	124	1.0	29
v CX278 DeKalb	59.6	9-19	125	1.1	30
v Jack Public	59.6	9-22	128	1.5	38
v Flint Public	59.4	9-19	124	1.3	28
v Countrymrk 297	59.3	9-23	129	1.3	33
v DSR-293/RR	58.6	9-19	125	1.1	31
v CX289 DeKalb	58.5	9-21	126	1.0	34

Table 21. Results of Maturity Group II Soybean Performance Tests at Two Indiana Locations (Averaged Across Locations 1 and 2), continued.

Entry Type and Name (1)	Yield est.(2)	Maturity Date	Lodging -Days score(3)	Plant height	
	bu./A.			in.	
1997 Results, continued					
v DSR-271/RR	57.5	9-18	124	1.0	30
b Callahan 4277	57.3	9-17	122	1.1	31
b TS 294 Terra	57.2	9-21	126	1.1	32
v Chapman Public	56.2	9-19	125	1.1	30
v Countrymrk 215	55.7	9-15	120	1.0	35
v Kenwood94 Public	55.5	9-14	120	1.4	30
v Burlison Public	53.0	9-18	124	1.0	29
v Countrymrk 246	52.5	9-15	121	1.1	32
v Archer Public	52.0	9-12	118	1.0	31
Grand mean	59.2	9-19	124	1.1	31
BLSD (k=100)	4.5	2	2	ns	2
C.V. (%)	5.7	3	1	23.4	5

(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 22. Results of Maturity Group III Soybean Performance Tests At Indiana Locations, (Averaged Across Locations 1, 2, 4 and 5, For Three Years; And Across Locations 1, 2, 3, 4 and 5, For Two Years and One Year).

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days	Plant height in.
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Locations 1, 2, 4 and 5,

Three-Year Average, 1995-1996-1997

v Pioneer var. 9352	45.2 *	9-29	116	1.0	27
v Probst Public	43.4 *	9-27	115	1.1	28
v Yale Public	41.7	9-30	117	1.1	30
v Resnik Public	41.5	9-28	115	1.1	28
v Edison Public	41.3	9-29	117	1.0	28
v Thorne Public	40.9	9-28	115	1.1	27
v Williams 82 Public	37.9	10-01	119	1.5	33
v Pella 86 Public	36.0	9-25	113	1.1	28

Grand mean	41.0	9-28	116	1.1	29
BLS D (k=100)	2.8	3	3	0.2	2
C.V. (%)	10.3	3	1	21.4	7

Locations 1, 2, 3, 4 and 5,

Two-Year Average, 1996-1997

b TS 364 Terra	43.1 *	10-04	122	1.0	23
v Probst Public	42.5 *	10-01	119	1.1	25
v Pioneer var. 9352	42.4 *	10-02	120	1.0	24
v Resnik Public	40.1 *	10-01	119	1.0	25
v Thorne Public	39.2 *	10-02	120	1.1	25
v Yale Public	39.1 *	10-03	121	1.0	26
v Athow Public	39.0 *	9-30	118	1.0	23
v Edison Public	38.9 *	10-03	121	1.0	25
v Williams 82 Public	37.2	10-05	123	1.4	29
v Pella 86 Public	34.8	9-30	117	1.0	24

Grand mean	39.6	10-02	120	1.1	25
BLS D (k=100)	4.7	4	4	0.2	2
C.V. (%)	13.0	2	1	17.6	8

Locations 1, 2, 3, 4 and 5, 1997 Results

v Pioneer var.93B82	55.0 *	9-25	132	1.0	25
b TS 364T Terra	49.3	9-24	130	1.1	25
b TS 364 Terra	49.2	9-26	133	1.0	23
v Probst Public	48.0	9-22	129	1.1	25
v Pioneer var. 9352	47.6	9-24	130	1.0	24
v Pioneer var.93B41	47.3	9-22	129	1.0	23
v Pioneer var. 9306	46.4	9-20	126	1.0	23
v Defiance Public	45.5	9-20	127	1.0	26
v Thorne Public	44.9	9-23	129	1.0	25
v Resnik Public	44.7	9-21	128	1.0	26

Table 22. Results of Maturity Group III Soybean Performance Tests At Indiana Locations, (Averaged Across Locations 1, 2, 4 and 5, For Three Years; And Across Locations 1, 2, 3, 4 and 5, For Two Years and One Year), continued.

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

Locations 1, 2, 3, 4 and 5, 1997 Results, continued

v Yale	Public	43.2	9-26	132	1.0	27
v Edison	Public	42.9	9-24	130	1.0	25
b TS 357	Terra	42.9	9-25	131	1.0	24
v Athow	Public	41.6	9-21	127	1.0	23
v Williams 82	Public	41.6	9-27	134	1.2	30
v IA 3005	Public	40.9	9-24	130	1.0	24
v Pella 86	Public	37.6	9-20	126	1.0	23
v Harper 87	Public	36.4	9-24	130	1.1	24
Grand mean		44.7	9-23	130	1.0	25
B LSD (k=100)		4.9	2	2	ns	2
C.V. (%)		13.5	2	1	9.4	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 23. Results Of Maturity Group IV Soybean Performance Test At Two Indiana Locations (Averaged Across Locations 4 and 5).

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
Three-Year Average, 1995-1996-1997					
b TS 474 Terra	46.4 *	10-08	123	1.5	30
v Stressland Public	44.6 *	10-02	118	1.3	30
b AgraTech AT 415	41.4 *	10-01	116	1.0	25
v Flyer Public	38.8 *	10-01	116	1.0	27
v Countrymrk 426	38.6 *	10-04	119	1.0	28
v Spencer Public	36.2 *	10-03	118	1.0	25
Grand mean	41.0	10-03	118	1.1	28
B LSD (k=100)	ns	ns	ns	ns	3
C.V. (%)	13.8	2	1	17.8	8
Two-Year Average, 1996-1997					
b TS 474 Terra	43.8 *	10-10	126	1.3	26
v Stressland Public	43.2 *	10-04	120	1.2	25
b TS 415 Terra	38.3 *	10-04	120	1.1	21
b AgraTech AT 415	37.1 *	10-03	119	1.0	21
v Flyer Public	35.0 *	10-03	119	1.0	22
v Countrymrk 426	34.6 *	10-06	121	1.0	22
b Callahan 7417	33.9 *	10-05	120	1.0	18
v Spencer Public	33.1 *	10-06	121	1.0	21
Grand mean	37.4	10-05	121	1.1	22
B LSD (k=100)	ns	ns	ns	ns	3
C.V. (%)	14.0	2	1	13.5	9
1997 Results					
v Pioneer var. 9421	51.6 *	9-23	128	1.0	25
b TS 474 Terra	47.9 *	9-29	134	1.1	27
v Stressland Public	46.2 *	9-23	128	1.0	24
b TS 415 Terra	45.0 *	9-23	128	1.1	22
v Countrymrk HS4161	42.4	9-24	129	1.0	22
v Omaha Public	41.3	9-23	128	1.0	23
v Corsica Public	40.7	9-21	126	1.0	22
b Diener DB 442c	40.6	9-23	128	1.0	23
v Pioneer var. 9492	40.5	9-30	135	1.0	23
b AgraTech AT 415	39.9	9-22	127	1.0	21
b Callahan 6435	39.8	9-24	129	1.0	23
v Countrymrk 426	39.6	9-25	130	1.0	22
v Flyer Public	39.4	9-21	126	1.0	22
v CX420c DeKalb	39.0	9-23	128	1.0	26
v Spencer Public	38.7	9-25	130	1.0	22
b Callahan 7417	38.5	9-23	128	1.0	19
b Diener DB 444c	37.9	9-26	131	1.0	23

Table 23. Results Of Maturity Group IV Soybean Performance Tests At Two Indiana Locations (Averaged Across Locations 4 and 5), continued.

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date (3)	Lodging -Days score(3)	Plant height in.
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1997 Results, continued

Grand mean	41.7	9-24	129	1.0	23
BLSD (k=100)	7.3	2	2	ns	3
C.V. (%)	12.6	2	1	11.6	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 24. Results of Soybean Performance In Jennings Co., Location 5, Averaged Across Conventional Tillage, No Tillage and Double Crop Tests.

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date (3)	Lodging -Days score(3)	Plant height in.
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1997 Results

b Beck 419	51.4 *	10-18	105	1.0	32
b SC 406 SeedCnslts	49.8 *	10-18	105	1.0	30
b L&M Glick 480	49.2 *	10-18	106	1.0	27
v Countrymrk HS4161	49.1 *	10-18	106	1.0	30
v Countrymrk HS3971	48.8 *	10-17	104	1.0	29
v Gold. Hrv. H-1386	48.4 *	10-17	105	1.0	28
v Corsica Public	47.6	10-16	103	1.0	26
v Gold. Hrv. H-1397	47.6	10-18	105	1.0	27
b Beck 388A	47.0	10-16	103	1.0	30
b AgraTech AT 396	46.9	10-17	104	1.0	27
b Beck 351	46.8	10-15	102	1.0	26

**Table 24. Results of Soybean Performance In
Jennings Co., Location 5, Averaged
Across Conventional Tillage, No Tillage
and Double Crop Tests, continued.**

Entry Type and Name (1)	Yield est.(2) bu./A.	Maturity Date	Lodging -Days score(3)	Plant height in.	
1997 Results, continued					
v Stressland Public	46.8	10-18	105	1.0	30
v Omaha Public	45.5	10-16	104	1.0	26
v Gold. Hrv. H-1394	45.2	10-17	104	1.0	24
v Harper 87 Public	44.8	10-15	102	1.0	26
v Williams 82 Public	44.7	10-16	103	1.0	30
b L&M Glick 365	44.7	10-16	103	1.0	27
v Countrymrk 396	44.6	10-16	103	1.0	25
v Countrymrk 365	44.5	10-16	104	1.0	28
b Beck 386	44.5	10-16	103	1.0	24
v Spencer Public	44.4	10-17	104	1.0	28
v Gold. Hrv. H-1351	44.3	10-16	103	1.0	25
v IA 3005 Public	44.0	10-16	104	1.0	24
v Countrymrk 426	43.8	10-18	105	1.0	29
v Probst Public	43.6	10-14	101	1.0	23
v Yale Public	43.1	10-16	103	1.0	25
v Flyer Public	43.1	10-16	103	1.0	26
v Resnik Public	42.7	10-14	101	1.0	24
v Pella 86 Public	42.5	10-14	101	1.0	27
v LG 6395	42.5	10-17	104	1.0	23
v Edison Public	42.4	10-16	103	1.0	24
v Thorne Public	42.1	10-15	102	1.0	24
b AgraTech AT 415	41.1	10-16	104	1.0	26
v Athow Public	40.7	10-14	102	1.0	24
b Beck 395	40.5	10-16	104	1.0	22
b L&M Glick 370	39.7	10-14	102	1.0	24
Grand mean	45.0	10-16	103	1.0	26
BLSD (k=100)	3.8	2	2	ns	2
C.V. (%)	6.4	2	1		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). (Copyright 1997 PRF)

